CURRICULUM VITAE
Thomas B. Casale, MD



May 2025

Personal Data

Citizenship Status: U.S.A.
Office Address:
Division of Allergy and Immunology
Department Of Internal Medicine
University Of South Florida
12901 Bruce B Downs Blvd, MDC19, Tampa, FL 33612-4799 (office)
13801 Bruce B Downs Blvd, Suite 505, Tampa, FL 33613 (Clinical research site)

Education

Year	Degree	
1973	B.S. (cum laude)	University of Illinois, Chicago
1973-74	---	Graduate School in Microbiology, University of Illinois Medical School
1974-77	M.D.	The Chicago Medical School
1980-82	---	Graduate School at the National Institutes of Health, Bethesda, MD

Post-Graduate Education

Year	Degree	
1977-80	Resident, Internal Medicine	Baylor College of Medicine Houston, Texas
1980-84	Medical Staff Fellow Bethesda, MD	Laboratory of Clinical Investigation, NIAID, NIH,
1982-83	Chief Medical Staff Fellow Bethesda, MD	Laboratory of Clinical Investigation, NIAID, NIH,

Academic Appointments

2014-Date	Professor Pediatrics	University Of South Florida COM
2013 – Date	Professor	Department Internal Medicine, University Of South Florida School Of Medicine
2004 –2013	Professor	Department Medical Microbiology/ Immunol Creighton University, School of Medicine
2004-2007	Asst. Dean of Research	Creighton University School of Medicine
2004-2007	Associate Chair	Department of Medicine, Creighton University School of Medicine
2000-2003	Assistant Chair	Department of Medicine, Creighton University School of Medicine
2000-2007	Dir Clinical Research	Creighton University School of Medicine Omaha, NE
2001-2013	Chief, Allergy/Immunology	Creighton University School of medicine Omaha, NE
2000-2001	Assoc Chief Allergy/Immunology	Creighton University School of Medicine Omaha, NE
2000-2013	Professor	Department of Medicine, Creighton School of Medicine
1997-99	Clinical Professor	Department of Medicine, Creighton Univ. School of Medicine, Omaha, NE
1996-	Adjunct Professor	Department of Pediatrics, University of Nebraska Medical Center, Omaha, NE
1994-96	Professor	Dept. Internal Medicine, Univ. Iowa COM

		Iowa City, IA
1993-96	Div Director	Allergy/Immunology Dept. Internal Medicine, Univ. Iowa College of Medicine, Iowa City, IA
1993-96	Faculty, Interdisciplinary Immunology Graduate Degree Program	University of Iowa Graduate College, Iowa City, IA
1992	Acting Director	Allergy/Immunology Division, Dept. Medicine, Univ. Iowa College of Medicine, Iowa City, IA
1989-94	Associate Professor Internal Medicine with Tenure	University of Iowa College of Medicine, Iowa City, IA
1989-92	Assistant Division Director for Teaching	Allergy/Immunology Division, Dept. Medicine, Univ. Iowa College of Med
1984-89	Assistant Professor	University of Iowa College of Medicine Dept. Internal Medicine Iowa City, IA

Other Employment Pertaining to Professional Appointments

Year	Position	Institution
1974	Graduate Assistant	Department of Microbiology, University of Illinois Medical School
1980-83	Lt. Commander	Commissioned Corps, USPHS, Bethesda, MD
1983-97	Inactive Reserve	Commissioned Corps, USPHS
1984-96	Attending Physician	Veterans Administration Medical Medical Service Center, Iowa City, Iowa
1986-96	Staff Physician	Veterans Administration Medical Center, Iowa City, IA
1991-96	Clinical Investigator	Veterans Administration Medical Center, Iowa City, IA
1996-99	Director	Nebraska Medical Research Institute, Papillion, NE
1996- 99	Staff Physician	The Asthma and Allergy Center, Papillion, NE

1996- 99	Board of Directors	Clinical Research Network
2008-18	Executive VP	American Acadmy of Allergy Asthma and Immunology
2019- 2023	Chief Medical Advisor	Food Allergy Research and Education (FARE)
2023-	Scientific Advisory Board	Food Allergy Research and Education (FARE)

Certification and Licensure

A. Board Certification:

	Date	Number
American Board of Internal Medicine	1980	77244
American Board of Allergy & Immunology	1983	2313

B. Licensure:

State	Date	Perm./Temp.	Number	Renewal Date
Texas	1978	Perm.	F1438	---
Maryland	1983	Perm.	D29277	---
D.C.	1983	Perm.	13947	---
Iowa	1984	Perm.	24407	not active
Nebraska	1996	Perm.	20014	not active
Florida	2014	Perm.	11853	01/31/2025

Professional Affiliations (including offices held)

1980 **American College of Physicians**, Fellow

1982 **American Academy of Allergy, Asthma and Immunology**, Fellow

- Cutaneous Allergy Committee, 1985-1990
- Postgraduate Education Committee, 1988-1991; Chairman 1989-1990
- Program Committee, Dermatologic Diseases Section, 1988-1993
- Editorial Board, Journal of Allergy and Clinical Immunology, 1988-1993
- Dermatologic Diseases Section, Secretary1989-1990;Vice-Chairman,
- Professional Education Council, Member1989-90, 1993-94; Secretary 1994-1996;
  Vice-Chair 1996-98; Chair 1998-2000.
- Fellowship Grants Subcommittee of the Training Program Directors' Committee, 1990-1992
- Bronchoalveolar Lavage Committee, Chairman1991-95; Member 1991-97;
- Conjoint Board Review Committee, Member 1991-1999, Chair 1993-1995
- Distinguished Lecture Series Subcommittee, 1993-2004
- Liaison to American Thoracic Society, 1994-1997

–Abstract Review Committee, Member 1995-2000; Vice-Chair 1996-98, Chair 1998-2000
–Advisory Committee for Physicians On-line Web Site, 1997-2003
–Planning Committee; 1998 World Asthma Meeting, Barcelona, Spain, 1997-1998
–AAAAI Annual Meeting Program Committee, Chair, 1998-2000
- Assessment of Ozone-Depleting Agents Committee, Member 2000-2001, Vice Chair, 2001-2002 Chair 2002-2004
-AAAAI Board of Directors 2001-2009: Executive Vice President 2008-; President, 2007-2008; President-Elect, 2006- 2007, Vice President, 2005-2006, Chair, Specialty Development and Relations Subcommittee 2001-2003; Chair, Practice and Policy Subcommittee 2003-2004; Secretary/Treasurer, 2004-2005; Practice and Policy Division Member, 2004-2006; Finance Committee, Member, 2004-2009; Education Division, Member, 2003-2006 Executive Committee, Member, 2004-2008.
- Immunomodulation Committee Member, 2003-2009
- Related Industries Committee Member, 2003-2007
- Needs Assessment Task Force, Vice Chair, 2004-2005, Chair, 2005-2006
- ERT Oversight Committee Member, 2004-2005
- Awards, Memorials & Commemorative Lectureships Committee, Member, 2004- 2007
- Joint Lay Organizations Strategic Planning Task Force, AAAAI Co-Chair, 2004-2006
- Mini-Primer Task Force, Member, 2004-2007
- World Asthma Meeting Planning Committee, 2004-2006
- Confederation of Lay Charitable Organizations, Vice-Chair 2005-2007
- Nominating Committee, Member, 2006-2009 Chair, 2008-2009
- Immunomodulator Use and Promotion Task Force (IS) Member, 2006-2009
- Joint Task Force on Quality and Performance Measures , AAAAI Rep, 2007-2009
- Website, Internet and Related Technologies Committee Member 03/01/201102/28/2022

1982 **American Federation for Medical Research**
1982 **American Thoracic Society**
–Program Committee, Allergy, Immunology, and Inflammation Scientific Assembly, 1987-1993
–Allergy, Immunology, & Inflammation Scientific Assembly, Secretary 1990-91;
Chair-Elect 1991-1993; Chair, 1993-1995
–Long-Range Planning and Policy Committee, Scientific Assembly on Allergy,
Immunology and Inflammation, 1991-1997
–Scientific Conference Committee, 1991-1993

–Program Committee for Joint American Thoracic Society and American Academy of Allergy, Asthma & Immunology Asthma Meeting, Asthma ’95 Theory to Treatment, 1994-1995.

-Asthma Advisory Committee, Chair 1995-1998; Member 1995- Present

-Working Group on Investigative Use of Bronchoscopy and Related Procedures, 1996-1997.

–Committee on Evaluation and Treatment of Refractory Asthma, 1996-1999

–Asthma ’99 Theory to Treatment Program Committee, 1998-1999

–Asthma Management in the Primary Care Setting, Program Director, 1996-2000

– Program Review Subcommittee 2000-01

1985 **Iowa Society of Allergy and Immunology**

–Vice President, 1987-1989

–President, 1989-1991

1986 **American Association of Immunologists**

1987 A**merican College of Allergy, Asthma and Immunology**, Fellow

–Professional Allergy/Immunology Education Committee, 1989-1997

1987-97 **Iowa Thoracic Society**

1987 **Central Society for Clinical Research**

1989 **American Lung Association**

–Asthma Technical Advisory Group, American Lung Association, 1989-1995

–American Lung Association Research Coordinating Committee, 1996-1999

1992 **American Society for Clinical Investigation**

1995 **European Respiratory Society**

- Joint ERS/ATS Task Force on Asthma Control and Exacerbation Outcomes, 2004

1995 **Association of Subspecialty Professors**

1996-00 **American Medical Association**

1996- **Nebraska Society of Allergy and Immunology**

1999 **World Allergy Organization (WAO)**

2008-12 Board of Directors

Awards Committee – Asthma Specialty

Credentials Committee- Clinical Trials in A/I

Fund Raising Special Committee

U.S. Gloria Advisory Committee – Research Council

Editorial Board, 2008 -

2010-2011 Scientific & Clinical Issues Council

2010-2011 Special Committee on Asthma

2010-2011 Scientific Program Committee, Vice Chair

2009-2011Small Airways Diseases Steering Committee

2017- European Academy of Allergy and Clinical Immunology

2019-2020, Task force on biologics for severe asthma

2020- Advisory Board for the EAACI Research and Outreach Committee

Other Professional Activities (Boards, Editorships, Etc.)

A. American Board of Allergy and Immunology

1999-2007	Director
2001-2002	Secretary
2002-2003	Co-chair Elect
2003-2004	Co-chair
2005-2006	Chair

B. Grant Reviews:

1985	Consultant, Review Panel for Minority Biomedical Grants, National Institutes of Health
1986	Ad Hoc Grant Reviewer for American Lung Association
1986-1996	Ad Hoc Grant Reviewer for Veterans Administration
1989	Ad Hoc Grant Reviewer for National Institutes of Health
1992	United States-Israel Bi-National Science Foundation
1996- 2004	Asthma Clinical Research Network, NHLBI, NIH, Data Safety Monitoring Board
2014	NIH Study Section: Special emphasis panel for review Of Inner city asthma consortium (UM1), April, 2014

C. Journal Reviews:

1982-Pres	Reviewer, *Journal of Allergy and Clinical Immunology*
1982-Pres	Reviewer, *Annals of Allergy, Asthma & Immunology*
1985-Pres	Reviewer, *American Journal of Respiratory and Critical Care Medicine*
1985-Pres	Reviewer, *Chest*
1987-Pres	Reviewer, *Journal of Immunology*
1989-2010	Reviewer, *Archives of Internal Medicine*
1990-Pres	Reviewer, *Journal of Clinical Investigation*
1995-Pres	Reviewer, *Allergy*
1995-Pres	Reviewer, *Clinical and Experimental Allergy*
1998-Pres	Reviewer*, Journal of the American Medical Association*
2000-Pres	Reviewer, *European Respiratory Journal*
2005-Pres	Reviewer, *New England Journal of Medicine*
2004-Pres	Reviewer, *Medical Letter*
2010-Pres	Reviewer, *Journal of Allergy and Clinical Immunology In Practice*

D. Editorial Board:

1988-1993	Editorial Board, *Journal of Allergy and Clinical Immunology*
1996-1999	Editorial Board, *Clinical Asthma Reviews*
1997- 2003	Editorial Board, *Allergy and Clinical Immunology International*
1999- 2009	Editor, *Respiratory Digest*
1999-2006	Editorial Board, *Annals of Allergy, Asthma and Immunology*
2003- 2014	Editorial Board, *Journal of the World Allergy Oganization* *(JWAO)*
2004- pres	Editorial Board*, Expert Review of Clinical Immunology*
2009 -2017	Advisory Board, Allergy Asthma & Immunology Research
2013-2018	Editorial Board, European Respiratory Journal
2017-	Editorial Board, *Journal of Allergy and Clinical Immunology In Practice*

E. Abstract Reviews:

1988-1993	American Thoracic Society Annual Meeting
1989-1992	American Academy of Allergy, Asthma and Immunology
1995	Asthma ’95 Theory to Treatment, Chicago, Illinois
1995-2000	American Academy of Allergy, Asthma & Immunology Annual Meeting
1998	World Asthma Meeting, Barcelona, Spain
1999	Asthma ’99 Theory to Treatment, Honolulu, Hawaii
2011	World Allergy Meeting, Cancun, Mexico

Collegiate, University, University Hospitals, VA Committees

A. Collegiate, University, University Hospitals:

1986	Member, Clinical Practice Advisory Committee, University of Iowa
1987	Member, Senior Honor Program
1987-1988	Member, Senior Honor Program, Department of Internal Medicine, University of Iowa
1988-1996	Member, Continuing Medical Education Committee, Department of Internal Medicine, University of Iowa
1990-1993	Member, CRC Grant Review Committee, University of Iowa College of Medicine

1991 Member, Department of Medicine Promotions Committee to Evaluate Associates, Instructors and asistant Professors, University of Iowa
1993 Member, Department of Internal Medicine HMO Planning Committee, University of Iowa
1994-96 Chairman, Latex Allergy Committee, University of Iowa Hospitals
1994-96 Member, Univ of Iowa Ad Hoc Committee on Clinical Research
1995-96 Member, Univ of Iowa Ad Hoc Committee to review university policies and procedures related to human subjects research
2002 Member, Creighton University Research Compliance Committee
2002 Member, Creighton University Research Design Team
2000- Member, Creighton University Research Advisory Council
2002 Member, Creighton University Graduate Medical Education Committee
2003 -06 Member, Creighton Univ. Biomedical Research Advisory Committee
2003-04 Member, Presidential Task Force for Promoting Clinical Research, Creighton University
2004 -05 Co-Chair, School of Medicine, Research Task Force
2007- 2009 Research task force, Dept of Medicine, Creighton University
2019- Research Task force, USF College of Medicine

B. Veterans Administration:
1991-1994 Research and Development Committee, VA Medical Center, Iowa City, IA

Honors and Awards

1973 Phi Kappa Phi
1977 Dr. John J. Sheinin Research Award, Chicago Medical School
1981 Travel Grant Recipient, American Academy of Allergy and Immunology
1982 Chief Medical Staff Fellow, LCI, NIAID, NIH
1984 Travel Grant Recipient, American College of Allergy
1985 Travel Grant Recipient, International Congress of Allergology and Clinical Immunology, Washington D.C.

1988	International Travel Grant Recipient, International Congress of Allergology and Clinical Immunology, Montreux, Switzerland
1991-96	Clinical Investigator Award, Veterans Administration
1992	American Society for Clinical Investigation
1996-Pres	Named to “Who’s Who in Medicine and Health”
1996-Pres	Named to “The Best Doctors In America”
2000	Pfizer Visiting Professorship in Allergic Diseases and Asthma
2001	Creighton Univ School of Medicine- Distinguished Research Career Award
2004	John C. Selner Lecture Award, Colorado Allergy Society, The Given Institute
2004	Beta Chapter, Alpha Omega Alpha Honor Medical Society, member
2004	Jaros Memorial Lecturer, American College of Allergy, Asthma & Immunology (11/13/04)
2009	The Monroe Coleman Memorial Lecture, New England Society of Allergy October 25, 2009.
2010	R Jerry Dolovich MD, Memorial Lectureship, 27th Annual Symposium Allergy Update 2010 - Toronto, Ontario April 17, 2010.
2010	Andrew Grant, MD, Honorary Lectureship, May 1, 2010.
2011	Gail G. Shapiro Memorial Lecture, 2011 Northwest Allergy Forum, October 22, 2011, Portland OR.
2011	Ira Finegold Lectureship, American College of Allergy Asthma &Immunology, November 5, 2011, Boston, MA.
2011	World Allergy Organization Board of Directors Service Award, December 2011
2011	World Allergy Organization Vice Chair, Scientific Progran Committee Award, December 2011.
2012	Harold Kaiser Lectureship. Minneapolis, MN Mar 16, 2012,
2014	ARTrust and Stephen D Lockey Lectureship, AAAAI, San Diego, CA, March 2014
2014	Betty Wray Lectureship. Georgia Allergy and Immunology Annual Society Meeting. Atlanta, Georgia, April 2014
2015	Carolyn and Warren Richards Allergy Lectureship, Children’s Hospital, Los Angeles, CA, April 3, 2015
2016	Harold S Nelson Lectureship 2016 American Academy of Allergy Asthma &Immunology Annual meeting, LosAngeles, CA
2016	Distinguisged Service Award, American Academy of Allergy Asthma &Immunology
2019	Andrew Grant, MD distinguished Lecture, TAAIS
2022	Edward J O’Connell Distinguished Lecture, ACAAI 2022 annual meeting

2022- date	Recognized as one of the world's top 2% most influential scientists and one of the best medicine and immunology scientists in the United States by Research.com.
2023	Outstanding Research Achievement Award, University of South Florida, Tampa, FL.
2024	Presidential Award: American Academy of Allergy Asthma &Immunology

Masters' and Ph.D. Theses Directed and Postdoctoral Fellows Supervised

Jesse Joad, M.D., Pediatric Allergy-Immunology Fellow. Directly supervised research efforts as a recipient of an NIH Immunology Training Grant, 1985-86. Currently an Associate Professor of Pediatrics at University of California at Davis.

Marta Little, M.D., Allergy-Immunology Fellow. Directly supervised research efforts as a recipient of NIH and American Lung Association Training Grants, 1985-90. Currently a Clinical Assistant Professor of Medicine at University of Iowa.

Robert M. Smith, M.D., Allergy-Immunology Fellow. Directly supervised research studies from 1987-88. Currently in private practice in Sioux Falls, SD.

Scott Trapp, D.D.S. Directly supervised research efforts as undergraduate and dental student at University of Iowa from 1985-90.

Diana Cavanah, M.D., Allergy-Immunology Fellow. Directly supervised research efforts from 1989-91. Currently in private practice in Bowling Green, KY.

Stephen Smart, M.D., Allergy-Immunology Fellow. Directly supervised research efforts as recipient of an NIH Immunology Training Grant and Allen & Hansburys Respiratory Institute Allergy Fellowship Training Grant Award, 1991-93. Currently in private practice in Peoria, Illinois.

David Bittleman, M.D., Allergy-Immunology Fellow. Directly supervised research efforts from
1992-94 as recipient of an NIH Cardiovascular Research Training Award. Currently in private practice in Cedar Rapids, Iowa.

Francisco G. Peralta, M.D., Allergy-Immunology Fellow. Directly supervised research efforts from 1994-1996. Currently in private practice in Fort Dodge, IA.

Rajendra A. Chiplunkar, B.S. Bioengineering Graduate Student. Supervised research efforts, 1994-97.Victoria M. Steelman, R.N., M.A., Ph.D. Candidate in Nursing. Supervised research efforts, 1995-1997.

Lary Ciesemier, D.O., Allergy/Immunology Fellow; Directly supervised research efforts from 2000-2002. Currently a faculty member at Kirksville College of Osteopathic Medicine.

Jehad H. Edwan, M.S., Candidate in Department of Medical Microbiology/Immunology. Served on Thesis/Research Committee.

D. Todd Griffith, M.D., Allergy/Immunology Fellow; Directly supervised research efforts from 2001-2003. Currently in private practice in Brandon, Florida.

Kevin M. Boesel, M.D., Allergy/Immunology Fellow; Directly supervised research efforts from 2001-2003. Currently in private practice in Glendale, Arizona.

Henry Lin, M.D., Allergy/Immunology Fellow; Directly supervised research efforts from 2001- 2003.

Christopher Clark, M.D., Allergy/Immunology Fellow; Directly supervised research efforts from 2002-2003. Currently in private practice in Gallipolis, Ohio.
Dean Chiang, M.D., Allergy/Immunology Fellow; Directly supervised research efforts from 2003-2005.
Justin Clark, D.O., Allergy/Immunology Fellow; Directly supervised research efforts from 2003-2005.
Kevin Parks, M.D., Allergy/Immunology Fellow; Overview of research efforts from 2004-2006.
Abdo Berro, Ph.D., Directly supervised post-doctoral research efforts 2005 - 2011.
Daniel Waggoner, M.D., Allergy/Immunology Fellow; Overview of research efforts 2005-2007.
Manav Segal, MD, Allergy/Immunology Fellow; Overview of research efforts from 2006-2008.
Priya Warrier, M.D., Allergy/Immunology Fellow; Overview of research efforts from 2007-2009.
Bina Patel, M.D., Allergy/Immunology Fellow, Overview of research efforts from 2007-2008.
Manbir Sandhu, M.D. Allergy/Immunology Fellow; Overview of research efforts from 2008-2010.
Vesselin Dimov, M.D. Allergy/Immunology Fellow; Overview of research efforts from 2008- 2010.
Tran Hoai Nguyen, M.D. Allergy/Immunology Fellow; Overview of research efforts from 2009-2011.
Petra Jonsson-Razdan, M.D. Allergy/Immunology Fellow; Overview of research efforts from 2010-2012.
Ningzi Zhu, MD Allergy/Immunology Fellow; Overview of research efforts from 2011-2013
Harold DelasAlas, MD, PharmD, Allergy Fellow; Overview of research efforts from 2011-2013.
Christina Cruz, MD, Allergy Fellow: Overview of research efforts from 2012-2014.
Farnaz Tabatabaian, M.D., Allergy/Immunology Fellow University of South Florida, 2014 - 2016
Adeeb Bulki, M.D., Allergy/Immunology Fellow University of South Florida, 2014 – 2016
Amber Pepper, MD, Allergy/Immunology Fellow University of South Florida, 2016 –2018

Current Research Projects

A . Role of mast cell mediators in the pathophysiology of allergic asthma and lung inflammation.
B . Novel therapies of allergic and respiratory diseases
C. The role of RGS2 in airway hyperresponsiveness and asthma and COPD

Research Personnel Currently Supervised

Michelle Twitmeter, MS — Clinical Research Coordinator
Eugenia Alas, BS — Clinical Research Coordinator
Catherine Renee Smith, CMA, CCRC — Clinical Research Coordinator

Financial Support

A. Federal

	Title	Period	Amount
1.	VA Merit Review: "Lung Beta and Muscarinic Receptors and IgE-Mediated Pulmonary Responses"	4/01/86-3/31/89	$176,500
2.	NIH Specialized Center of Research (NHLBI): "Occupational and Immunologic Lung Disease" Principal Investigator: Gary W. Hunninghake. Dr. Casale is a Co-Investigator on 1 subproject.	12/01/86-11/30/91	$ 85,000
3.	NIH Asthma and Allergic Disease Centers Grant (NIAID): "Immunologic Mechanisms in Atopic Bronchial Asthma" Dr. Casale is Principal Investigator on 1 subproject, "Effects of Mast Cell Mediators and Drugs on Lung Receptors", and is a Co-Investigator on 2 other subprojects. Support listed is for Dr. Casale only. The total grant support is for $305,000/year	9/01/87-8/31/90	$195,000
4.	NIH Immunology Training Grant for Dr. Marta Little's salary to work in Dr. Casale's laboratory.	7/01/87-6/30/89	$ 26,000/yr
5.	VA Merit Review: "Neutrophil and Eosinophil Migration in Asthma"	4/01/89-9/30/92	$261,000
6.	NIEHS Environmental Health Science Core Center Grant. Program Director: James A. Merchant, M.D. Dr. Casale is Director of Immunology Facility. Support listed for	12/01/90-3/31/96	$237,000

	salary (5% effort) and supplies for Dr. Casale.		
7.	VA Clinical Investigator Award: "Neutrophil and Eosinophil Migration in Asthma"	7/01/91-6/30/96	$535,000
8.	NIEHS Environmental Health Science Core Center Grant: "Cytokine-Induced Neutrophil and Eosinophil Migration In Environmentally-Induced Lung Diseases"	2/01/92-8/31/92	$ 10,000
9.	VA Merit Review: "Neutrophil and Eosinophil Migration in Asthma"	10/01/92-9/30/96	$375,000
10.	NIH Immunology Training Grant for Dr. Stephen Smart salary to work in Dr. Casale's laboratory	7/01/92-6/30/93	$ 28,000
11.	NIH Cardiovascular Training Grant for Dr. David Bittleman salary to work in Dr. Casale's laboratory	01/01/93-01/01/94	$ 28,000
12.	NIEHS ES05605: "Assessment of Dynamic Airway Responses in Asthma" [Pilot Grant from Environmental Health Sciences Research Center, Prog. Dir: J.A. Merchant]	04/01/94 03/31/95	$10,000
13.	CDC: “Identify the Relationship Between Exposures and Health Concerns in Persian Gulf War Veterans”	12/01/94-11/30/95	$ 7,157
14.	NIEHS: Environmental Health Science Core Center Grant. Program Director: James A. Merchant, M.D., Dr. Casale is an Investigator. Support listed is for entire program per year.	04/01/96-03/31/01	$791,000
15.	NIEHS ES05605: "Prevalence and Risk Factors of Adverse Reactions to Products Containing Natural Rubber Among Nursing Staff" [Pilot Grant from Environmental Health Sciences Research Center, Prog. Dir: J.A. Merchant]	4/1/96-3/31/97	$ 15,000
16.	NIH #1RO1HL70885-01 - “Flt3-Ligand", Immunomodulation and Therapy in Asthma” (T.B. Casale, M.D. sub-investigator)	12/1/03-11/30/08	$1,150,000

17. NIH;NIAID: Immune Tolerance Network : 1/1/03-
$1,500,000
"Allergen Immunotherapy Co-Administered with 6/30/05
Anti-IgE mAb (E25).
(T.B. Casale, M.D. Principal Investigator)

18. NIH/NHLBI: "Probiotic prophylaxis of Ventilator
Associated Pneumonia". Lee Morrow, M.D. K08 Award;
T.B. Casale is mentor at 5% 10/01/05- $
126,427/yr
09/30/10

19. NIH/NHLBI: 1 R01 HL116849-01A1Principal Investigator: 07/01/2013-
Tu, Yaping Casale T(SI) : "Dysregulation of RGS2 Protein 06/30/2017
and Airway Hyperresponsiveness in Asthma
(T.B. Casale, M.D. is a co-investigator)

20.PCORI: Elliott Israel, PI, Casale TB investigator and 2016-22
member of steering committee;
PREPARE – PeRson EmPowered Asthma Relief.

21. NIH;NIAID: Immune Tolerance Network : 2021-2024
Covid-19-004 Systemic Allergic Reactions
To Sars-Cov-2 Vaccination
(T.B. Casale, M.D. site Principal Investigator)

22. NIH; NHLBI: A Novel Approach to Target Neutrophilic 2023-2025.
Airway Inflammation and Airway Hyperresponsiveness in
Therapy-Resistant (Refractory) Asthma, (T.B. Casale, M.D. SI).

Financial Support

B. Foundation / State Grants

Title

1. Health Future Foundation Grant: "Clinical Trials Office Development" 07/01/00 - 06/30/06 $1,323,000

2. Health Future Foundation Grant: "Development of Clinical Trials Office" 07/01/01- 06/30/02 $ 10,000

3. Development of Allergic Airway Disease Center, LB692 09/01/01- 06/30/02 $ 20,000

4. Development of Center Of Immunomodulation Of Inflammatory Diseases, LB692 07/15/03- 06/30/06 $ 20,000

5. Dyspnea and Obesity in African-American Females. LB692. 12/05-06/07 $ 36,000

6. Neo-Natal Smoke and Nicotine Exposure In the Development of Asthma in a Murine Model. LB595 07/06-07/09 $240,000

7. State of Nebraska LB-692: Relationship of RGS2 expression and airway hyperresponsiveness. 03/09 – 06/10 $ 50,000

8. Health Future Foundation Grant: Effects of PPARγ Agonist Rosiglitazone on Airway Hyperactivity. 10/01/2008 – 05/01/2010 $25,000

9. State of Nebraska LB-595 – RGS2 expression and airway hyperresponsiveness in smokers 07/11 – 06/13

10. 2011 American Asthma Foundation (AAF) Early Excellence Award: Regulator of G protein signaling Proteins: Targets for treatment of Asthma. (T. Casale Sub-I) 07/11 – 06/14

11. American Academy of Allergy, Asthma and Immunology (AAAAI) Examination of ASTHMA IQ to improve Practice Outcomes in a Primary Care Setting (T.Casale P.I.) 2012 – 2015

12. American Lung Association Airways Clinical Research Center (T Casale, PI) 2016-

13. Florida Deaprtment of Health- University of South Florida Integrated Clinical Trial Network Structuring and Enhancement for Execution of Zika Virus Vaccine and Diagnostic Clinical Trials, and testing of other Emerging Infectious Disease (EID) Solutions for Florida (T Casale, PI) 2017-2019

C. <u>Non-Federal (Dr. Casale is Principal Investigator unless indicated)</u>

1. Carter Wallace Company: "The Mechanism of Action of Azelastine" 4/86-7/88

2. Fisons Corporation: "A Multicenter Double Blind Group Comparative Study of the Efficacy and Safety of Nedocromil Sodium 2% Ophthalmic Solution in the Treatment of Ragweed Seasonal Allergic Conjunctivitis" Dr. Casale is Co-Principal Investigator 7/87-6/88

3. Fisons Corporation: “Effects of Nedocromil on Neutrophil and Eosinophil Migration in Asthma” 3/89-6/96

4. Merrell Dow Research Institute: (Protocol 048-147) “A Double Blind Randomized Parallel Study Comparing the Safety and Efficacy of Terfenadine 60mg BID, Astemizole 10mg QD and Placebo in the Treatment of Seasonal Allergic Rhinitis in an “In The Park” Setting. 8/89-7/90

5. Fisons Corporation: (Protocol 88-49) “A Multicenter Double Blind Placebo Controlled Group Comparative Study of the Efficacy, Safety and Onset of Action of Nedocromil Sodium (1% Nasal Solution, QID) in the Treatment of Ragweed Seasonal Allergic Rhinitis” 8/89-7/90

6. Fisons Corporation: (Protocol 1601-2134) “A Double Blind Placebo Controlled Group Comparative Study of the Onset of Action of Nedocromil Sodium (1% Nasal Solution QID), vs. Placebo in the Treatment of Ragweed Seasonal Allergic Rhinitis”7/90-6/91

7. Fisons Corporation: (Protocol 1120-2116) “A Multicenter Double Blind Placebo Controlled Group Comparative Study of the Safety and Onset of Action of 4% Cromolyn Sodium Nasal Solution, (QID) in the Treatment of Ragweed Seasonal Allergic Rhinitis” 7/90-7/91

8. DeVilbiss Health Care: “Validation of Histamine” Principal Investigator: David Schwartz, M.D. 7/90-7/91

9. Fisons Corporation: (Protocol 1901-2204) “A Dose Ranging Multicenter Double Blind Placebo Controlled Group Comparative Study of Tipredane Nasal Spray in Seasonal Allergic Rhinitis Caused by Ragweed Pollen”7/91-9/92

10. ICI Pharmaceuticals Group: (Protocol 9188 US0011:0001) “The Effectiveness and Safety of Oral ICI 204,219 in the Treatment of Acute Seasonal Allergic Rhinitis: A Dose Ranging Study” 7/91-9/92

11. ICI Pharmaceuticals Group: (Protocol 9188 IL/0020:0017) Multicenter Double Blind Efficacy Study to Compare the Steroid-Sparing Effect of ICI 204,219 With Placebo Given Over Six Weeks to Patients with Asthma"7/92-6/93

12. Fisons Corporation: (Protocol 1901-2348) "A Dose Ranging Multicenter Double Blind Placebo Controlled Group Comparative Study of Tipredane Nasal Spray in Seasonal Allergic Rhinitis Caused by Ragweed Pollen" 7/92-6/93

13. Janssen Research Foundation: (Protocol AST/D – USA-27-13) "A Multicenter Placebo Controlled Study to Compare the Efficacy and Safety of Histamanal\-D and Seldane-D\ in the Treatment of Seasonal Allergic Rhinitis"7/92-6/93

14. ICI Pharmaceuticals Group: (Protocol 9188IL/0029:0005) "A Multicenter Double Blind Placebo Controlled Trial of Accolate (ICI 204,219) in Mild to Moderate Asthmatic Patients Needing Chronic Treatment: 13 Weeks Efficacy and Up to Two Year Open Label Safety Extension" 2/93- 8/95

15. Merck & Co., Inc.: (Protocol 017-00) " A Single Center Double Blind Randomized, Parallel-Group Study Comparing the Clinical Effect of Two Oral Doses of MK-0467 to Loratadine and Placebo in Patients with Allergic Rhinitis. 7/93-12/93

16. Abbott Laboratories: (Protocol M92-785) "Phase III Study of the Effects of Zileuton vs. Placebo in Bronchial Hyperresponsitivity in Asthma Patients"7/93-9/94

17. Rhone-Poulenc Rorer Pharmaceuticals: (Protocol RG5029-605) "Nasacort Once Daily vs. Beconase AQ Twice Daily in Patients with Perennial Allergic Rhinitis" 7/93-12/94

18. Genentech Inc. (Protocol Q0624g). "A Phase II Prophylactic Study to Determine the Safety and Efficacy of Anti-IgE Recombinant Humanized Monoclonal Antibody E-25(rhuMAbE-25) in Adults with a History of Seasonal Ragweed-Induced Allergic Rhinitis 7/94-6/95

19. Glaxo Inc. (Protocol SLGA 5005/5006). "A Double Blind Parallel Group Evaluation of the Efficacy and Quality of Life Outcomes of Salmeterol vs. Placebo in Asthma Subjects"7/94-6/95

20. Astra USA. (Protocol 05-3038). "A Double-Blind Comparison of Four Doses of Rhinocort Aqua Pump Spray (Budesonide) and Placebo in the Treatment of Adults and Children with Seasonal Allergic Rhinitis" 8/94-7/95

21. Dey Laboratories. (Protocol 16578 {Award DL-003}). "Beclomethasone Nasal Spray Therapeutic Equivalency Study"7/94-6/95

22. Fisons Corporation (Protocol CR2508) "A Multicenter, Randomized Double Blind Placebo Controlled, Parallel Study of the Efficacy and Safety of Chlorofluorocarbon

(CFC) and Non-CFC Formulations of Intal (Cromolyn Sodium (MDI 2mg QID) in the Treatment of Asthma in Patients 12 Years and Older Using PRN β2-Agonists Administered by MDI" 12/94-3/96

23. Fisons Corporation (Protocol CR2505) "An Open Label, Multicenter Study of the Safety of Non-CFC INTAL (Cromolyn Sodium) Metered Dose Inhaler (MDI) 2mg QID in the Treatment of Asthma in Patients 12 Years and Older. 10/95-12/99

24. Sanofi Research (Protocol DFI 2588) "A Multicenter, Double Blind Placebo-Controlled Dose Ranging Study to Assess and Compare the Activity of an Oral Administration of SR27417A-2.5, 10 and 30mg Once a Day During 12 Weeks-in Moderate Asthmatic Patients.11/95-3/96

25. Astra, U.S.A. Inc.(Protocol SD-004-0009) "A Double Blind Randomized Placebo Controlled Study to Determine the Efficacy, Maintenance Effect, and Safety 200μg and 400μg Pulmicort Turbuhaler Given Once Daily to Adults with Mild to Moderate Asthma 4/95-3/96

26. ImmuLogic Pharmaceutical Corp. (Protocol P95-01) "A Safety and Efficacy Study of ALLERVAX RAGWEED Using a Seasonal Model"5/95-11/95

27. Zeneca Pharmaceuticals, Protocol (9188IL/0124) "A Randomized, Double Blind, Parallel Group Trial to Compare the Safety and Effectiveness of Zarfirlukast (ACCOLATE™), vs. Loratadine vs. Placebo in Subjects with Seasonal Allergic Rhinitis: A Day in the Park Trial" 7/95-6/96

28. Glaxo, Inc. Protocol (SLGA-5014) "A Randomized, Double Blind Placebo Controlled Parallel Group Evaluation of the Effect of Salmeterol on Methacholine Induced Bronchial Hyperresponsiveness Over Twenty-Four Weeks in Adolescents and Adults with Asthma" Dr. Casale is Co-Principle Investigator. 8/95-7/96

29. Glaxo Wellcome, Protocol (SALA 3002) "A Randomized, Double Blind Parallel Group 12-Week Study to Evaluate the Safety and Efficacy of Switching From Albuterol 200 μg (180μg Ex-Actuator) in CFC Propellant 11 and 12 Administered QID to Albuterol 200 μg (180μg Ex-Actuator) in GR 106642X Propellant Administered QID and to Albuterol 200μg (180μg Ex-Actuator) in GR106642X Propellant Administered as Needed in Adolescent and Adult Subjects with Asthma" 7/96-6/97

30. Glaxo Wellcome, Protocol (SFCA3003) "A Randomized Double Blind Parallel Group Trial Evaluating Safety and Efficacy of Salmeterol 50mcg BID and Fluticasone Propionate 250mcg BID Individually and in Combination with Placebo in Subjects with Asthma. 7/96-6-97

31. Glaxo Wellcome, Protocol (FLTA4023) “A Double Blind Placebo Controlled Study to Compare the Effects of Inhaled Fluticasone Propionate (100mcg BID or 250mcg BID), Triamcinolone Acetonide (200mcg QID or 400mcg BID) Via the Metered Dose Inhaler and Oral Prednisone 10mgQD on the HPA Axis” 8/96-7/97

32. Dura, Protocol (DDPOAS-III-01-0694) “A Double Blind Randomized Placebo Controlled, Parallel Group, Multi-Dose, Multicenter, 12 week Safety and Efficacy Study of Albuterol Sulfate Dry Powder Inhaler and Albuterol Metered-Dose Inhaler in Asthmatics” 5/96-4/97

33. ImmuLogic, Protocol (P96-01) “An Exploratory and Safety Study of ALLERVAX® Ragweed Peptides Using a Seasonal Model” 6/96-12/96

34. SmithKline Beecham, Protocol (SB205312/080), “ A Double Blind Double Dummy, Placebo-Controlled, Randomized Parallel-Group Study to Examine the Effects of Oral SB205312 300mg BID in Patients with Asthma and Concomitant Seasonal Allergic Rhinitis – a Comparison to Patients Taking Inhaled Vanceril 168mcg BID and as Required Nasal Rescue Medication” Dr. Casale is Co-P I 6/96-5-97

35. Genentech, Inc. Protocol (Q0694g), “ A Phase II Multicenter Double Blind Placebo Controlled Study to Evaluate the Safety and Efficacy of Anti- IgE Recombinant Humanized Monoclonal Antibody (rhuMAb-E25) in Subjects with Moderate to Severe Allergic Asthma.3/96-12/97

36. Dey Laboratories Protocol (DL-019), “A Multicenter Randomized Double Blind Placebo Controlled Parallel Group Study of the Safety and Efficacy of a Low Dose Albuterol Sulfate Inhalation Solution for Pediatric Subjects with Asthma”8/96-7/97

37. Bayer Protocol (D96-024), “Prospective Randomized Double Blind Comparison of the Safety and Efficacy of BAY 12-8039 400mg PO QD for 7 Days vs. Cefuroxime Axetil 250mg BID for 10 Days for the Treatment of Patients with Acute Bacterial Maxillary Sinusitis”11/96-10/98

38. Bayer Protocol (D96-025), “Prospective, Uncontrolled, Non-Blind, Multicenter Clinical Trial of the Safety and Efficacy of BAY 12-8039 400mg PO QD in the Treatment of Patients with Community Acquired Pneumonia”11/96-10/98

39. Bayer Protocol (D96-027), “Prospective, Randomized Double Blind Comparison of the Safety and Efficacy of BAY 12-8039 400mg QD x 10 Days vs. 400mg QD x 5 Days vs. Clarithromycin 500 BID x 10 Days for the Treatment of Patients with Acute Exacerbations of Chronic Bronchitis” 11/96-10/98

40. Hoechst Marion Roussel Protocol (PJPR0067) “A Multicenter Double Blind Randomized Placebo Controlled Parallel Study Comparing the Efficacy and Safety of Four Dosage Strengths of Fexofenadine HCL (20, 60, 12 & 240mg BID) in the Treatment of Chronic Idiopathic Urticaria” 11/96 – 10/97.

41. SmithKline Beecham Protocol (205312/070) “A Multicenter Double Blind Placebo Controlled Parallel Group Study to Evaluate the Safety and Efficacy of Two Doses of SB 205312 Administered as an Oral Suspension (75mg BID and 150mg BID) for 12 Weeks in Pediatric Out-Patients with Asthma. 10/96-9/97

42. Astra USA (Protocol SD-004-0111) “START – Inhaled Steroid Treatment As Regular Therapy in Early Asthma”; A Study of the Effect of Early Intervention with Long-Term Inhaled Budesonide (Pulmicort Turbuhaler) in Newly Diagnosed Asthma 10/96-10/00

43. Dura Protocol (DDPIAS-III-02-0995) “An Open Label, Multicenter, 12-Month Safety Study of Spiros Dry Powder Inhaled (Albuterol Sulfate) in Asthmatics”10/96-4/98

44. Glaxo Wellcome Protocol (SLGA5021) “A Randomized Double Blind Clinical Trial Comparing the Efficacy and Safety of Salmeterol Xinafoate 42mcg BID Plus Fluticasone Propionate 88mcg BID vs. Fluticasone Propionate 220mcg BID Alone in Subjects with Asthma Not Well Controlled on Fluticasone Propionate 88mcg BID” 10/96-9/97

45. Schering-Plough Protocol (C96-252-02) “Efficacy and Safety of Mometasone Furoate Nasal Spray in the Prevention of Recurrences of Sinusitis” 1/97-6/98

46. Schering-Plough Protocol (C96-367-02) “Claritin-D 12 Hour and Guaifenesin (600mg BID) Alone in Combination with Seasonal Allergic Rhinitis and Cough” 4/97-10/97

47. Abbott Laboratories Protocol (M95-337) “Phase III Study of the Efficacy of Zileuton 1200mg BID Controlled-Release (CR), and 600mg QIS, Immediate Release, and Placebo in Patients with Moderate Asthma” 10/96-9/97

48. Zeneca Pharmaceuticals Protocol (9188IL/0139) “A Dose Ranging Safety, and Efficacy Trial with Zafirlukast (ACCOLATE™) in the Treatment of Pediatric Subjects with Mild to Moderate Asthma” 2/97-2/98

49. Sepracor, Inc. Protocol (110-007) “The Evaluation of Three Different Doses of Norastemizole (5mg, 20mg, 62.5 mg) and Placebo Using a Two Day Outdoor Allergen Challenge Model” 4/97-6/97

50. Novartis Protocol (HSC-306) “A One Day Multicenter Randomized Double Blind Double Dummy, Placebo Controlled, Parallel Group Study to Assess the Efficacy and Safety of Clemastine Triple Combination (CTC), TheraFlu Sinus and Placebo in the Treatment of Seasonal Allergic Rhinitis” 9/97-

51. Boehringer Ingelheim Pharmaceuticals Inc. Protocol (244.2475) “Randomized Double Blind Parallel, Placebo Controlled Multicenter Trial of ATROVENT Nasal Spray 0.06% (84 mcg/nostril administered QID) in Patients with Seasonal Allergic Rhinitis That Are Sensitive to Ragweed Pollen” 8/97-9/97

52. Hoechst Marion Roussel, Inc. Protocol (M016455B/3081) “A Double Blind Randomized Placebo Controlled Parallel Study Comparing the Efficacy and Safety of Fexofenadine HCl 120mg and 180 mg QD in the Treatment of Autumn Seasonal Allergic Rhinitis” 8/97-11/97

53. Hoechst Marion Roussel, Inc. Protocol (PJR0077) “A Double Blind Randomized Placebo-Controlled Parallel Study Comparing the Efficacy and Safety of Three Dosage Strengths of Fexofenadine HCl (15,30 and 60mg BID) in Pediatric Patients (Ages 6 to 11 Years) in the Treatment of Seasonal Allergic Rhinitis” 8/97-11/97

54. Novartis Protocol (rhuMAb-E25 01 006) “A Phase IIb Randomized Double Blind Placebo Controlled Multiple Dose (Subcutaneous administrations of 50mg, 150mg or 300mg), Multicenter Dose Ranging Trial to Assess the Efficacy, Safety, Tolerability, Pharmacokinetics and Biological Effect of Anti-IgE Recombinant Humanized Monoclonal Antibody-E25 (rhuMAb-E25) vs. Placebo for Symptom Prevention in Patients with Ragweed Induced Seasonal Allergic Rhinitis” 6/97-2/98

55. Merck and Company, Inc. Protocol (070-00/SNG 421) “A Randomized Double Blind Placebo Controlled Multicenter Study Evaluating the Effect of Montelukast Sodium Compared to Inhaled Beclomethasone Dipropionate in Adult Asthmatics”. 8/97 – 3/98

56. Glaxo Wellcome Protocol (FLTA4008) “Double Blind Double Dummy, Randomized, Placebo-Controlled, Parallel Group Comparison of Fluticasone Propionate Aqueous Nasal Spray and Triamcinolone Acetonide Aqueous Nasal Spray in Subjects with Seasonal Allergic Rhinitis” 8/97-11/97

57. Glaxo Wellcome Protocol (SLGA5024) “A Randomized Double Blind Parallel Group Comparison of Inhaled Salmeterol Xinafoate (42mcg BID) with Oral Zafirlukast (20mg BID) in Subjects with Mild to Moderate Asthma” 9/97-12/97

58. ViroPharma Protocol (843-013) “A Double Blind, Placebo Controlled Exploratory Evaluation of Pleconaril (VP 63843) in the Treatment of Rhinovirus Upper Respiratory Tract Infections in Patients with Moderately Severe Bronchial Asthma” 9/97-8/98

59. Schering-Plough Protocol (C97-251-08) “Efficacy and Safety of 800mcg or 400mcg of Mometasone Furoate Nasal Spray of Placebo in the Treatment of Acute Episodes of Sinusitis” 10/97-5/98

60. Sepracor (051-027) “A Comparison of the Effect of Two Doses of Levalbuterol with Ventolin on Pulmonary Function in Subjects with Mild to Moderate Asthma”3/98-3/99

61. Bayer (100107) “Prospective, Randomized Double Blind Comparison of the Safety and Efficacy of Oral Moxifloxacin (Bay 12-8039) 400mg QD for Ten Days vs. Oral Cefuroxide Axetil 250mg BID for Ten Days for the Treatment of Patients with Acute Bacterial Maxillary Sinusitis” 3/98-3/99

62. Novartis (rhuMAb-E25 01 010) “A Phase III, 7-Month Double Blind Randomized, Parallel Group, Placebo Controlled Multicenter Trial with a 5-Month Open Label Extension Period to Assess Safety and Tolerability, Steroid-Reduction, Pharmacokinetics, and Pharmacodynamics of Subcutaneous rhuMAb-E25 in Children (6-12 years) with Allergic Asthma Requiring Daily Treatment with Inhaled Corticosteroids”2/98-12/99

63. TAP Holdings, Inc. (CEF-97-005) “Comparative Safety and Efficacy of Cefditoren Pivoxil and Clarithromycin in the Treatment of Acute Bacterial Exacerbation of Chronic Bronchitis”4/98-4/99

64. TAP Holdings, Inc. (CEF-97-004) “Comparative Safety and Efficacy of Cefditoren Pivoxil and Augmentin (Amoxicillin/Clavulanate Potassium) in the Treatment of Patients with Acute Maxillary Sinusitis” 4/98-4/99

65. Biogen, Inc. (C97-708) “A Randomized Double Blind Placebo Controlled Parallel Group Dose Response Study of BG9273 on Subjects with Moderate to Severe Plaque Psoriasis”5/98-4/99

66. Forest Laboratories (ANC-MD-02-000) “A Long Term Open Label Study to Evaluate the Safety of HFA Flunisolide in Adult and Adolescent Patients with Mild to Moderate Asthma” 5/98-8/99

67. Forest Laboratories (ANC-MD-04-00) “A One Year Open Label Study to Evaluate the Safety of HFA Flunisolide in Children with Mild to Moderate Asthma”5/98-8/99

68. Novartis Pharmaceuticals (rhuMAb-E25 P006 extension) “An Open Label Extension Trial to Assess the Safety of rhuMAb-E25 in Patients with Seasonal Allergic Rhinitis Previously Treated in the Core Protocol 006” 7/98-10/98

69. Hoechst Marion Roussel (M016455/4092) “Safety Evaluation of Once Daily Dosing of Fexofenadine HCl 180mg in Subjects with Seasonal Allergic Rhinitis and Concomitant Mild to Moderate Asthma” 8/98-12/98

70. TAP Holdings, Inc. (CEF-97-009) “Comparative Safety and Efficacy of Cefditoren Pivoxil and Cefuroxime Axetil in the Treatment of Patients with Uncomplicated Skin or Skin Structure Infections” 7/98

71. UCB Pharma (A236) “A Randomized Double Blind Placebo Controlled Parallel Group Multicenter Study Comparing the Efficacy and Safety of Three Doses (4mg, 15mg, or 60mg) of ucb 28754 Efletirizine Dihydrochloride Administered Twice a Day for 7 Days, to Placebo in Adult Outpatients with Seasonal Allergic Rhinitis Caused by Ragweed Pollen” 8/98-10/98

72. Novartis Pharmaceuticals (rhuMAb-E25 P009) “A Phase III, 7-Month Double Blind Randomized Parallel Group Placebo Controlled, Multicenter Trial with a 5-Month Blinded Extension Period to Assess Efficacy, Safety, Tolerability, Steroid-Reduction, Pharmacokinetics, and Pharmacodynamics of Subcutaneous rhuMAb-E25 in Adolescents and Adults with Moderate to Severe Allergic Asthma Requiring Daily Treatment with Inhaled Corticosteroids” 7/98

73. Hoechst Marion Roussel (M0165455M/3097) “A Double Blind, Randomized, Parallel Study Comparing the Efficacy and Safety of Fexofenadine HCl 120mg QD, 180mg QD, Cetirizine HCl 10mg QD, and Placebo QD in the Treatment of Perennial Allergic Rhinitis” 10/98

74. Forest Laboratories (AER-MD-08) “An Open Label Parallel Group Randomized Placebo Controlled Study to Compare the Endocrine Effects of Aerobid Inhaler System (flunisolide) Flovent Inhalation Aerosol (fluticasone propionate), and Oral Prednisone in Patients with Mild to Moderate Asthma” 9/98-3/99

75. F Hoffmann-LaRoche (WV157598) “A Double Blind Randomized, Stratified, Placebo Controlled Study of Ro 64-0796 (Also Known As GS4104) in Children With Influenza”10/98-4/99

76. F Hoffmann-LaRoche (WV 15799B) “A Double Blind Randomized Placebo Controlled Study of Ro 64-0796 (Also Known As GS4104) In the Treatment of Influenza in Chilren With Chronic Asthma” 10/98-4/99

77. F Hoffmann-LaRoche (WV15799B) “A Double Blind Randomized Placebo Controlled Study of Ro 64-0796 (Also Known As GS4104) Used for the Prevention of Clinical Influenza Post Exposure) in Families” 10/98-4/99

78. F Hoffmann-LaRoche (WV15825) “A Double Blind Randomized Placebo Controlled Study of Ro 64-0796 (Also Known As GS4104) Used in Elderly Subjects for the Prevention of Clinical Influenza During the Influenza Season” 10/98-4/99

79. F Hoffmann LaRoche (M76001) “A Randomized Double Blind Placebo Controlled Multicenter Study of the Efficacy Based in the Time to Treatment of Influenza

Infection with the Neurominidase Inhibitor Ro 64-0796 (Also Known As GS4104)"12/98-4/99

80. Biogen, Inc. (C98-710) "A Blinded Multiple Dose Study to Determine the Tolerability of Repeated Courses of LFA3TIP (LFA-3/IgG1 Fusion Protein) in Subjects with Moderate, Moderate to Severe, and Severe Plaque Psoriasis" 1/99

81. Merck & Co., Inc. (102-00) "A Multicenter Double Blind Randomized, Parallel Group Study Investigating the Clinical Effect of Combination Montelukast/Loratadine in Patients with Seasonal Allergic Rhinitis Who Have a History of Asthma" 3/99-7/99

82. Pfizer, Inc.(L-0364) "A Second Randomized Double Blind Placebo Controlled Multicenter Study of the Efficacy, Safety and Effect on Quality of Life of Zyrtec® (Cetirizine HCI) vs. Placebo in the Treatment of Seasonal Allergic Rhinitis"4/99-6/99

83. Hoechst Marion Roussel (M016455/4104) "Multicenter Double Blind Randomized Comparison of the Efficacy, Onset of Action and Safety of a Single Dose of Fexofenadine 180mg vs. Loratadine 10 mg vs. placebo in treating seasonal allergic rhinitis in an outdoor environment".4/99-6/99

84. Merck & Co., Inc. (113-00) "A Randomized Double Blind Placebo Controlled Pilot Study Evaluating the Effects of Montelukast Sodium vs. Salmeterol Xinafoate on Rescue Beta-agonist Induced Bronchodilation Following Challenge – (Exercise) Induced Bronchoconstriction" 7/99-8/99

85. Schering-Plough (900355) "Efficacy and Safety of SCH 34117+ Pseudoephedrine, BID, vs Its Components in the Treatment of Subjects with Seasonal Allergic Rhinitis"7/99-11/99

86. Schering-Plough (P00372) "Efficacy and Safety or SCH 34117 in the Prophylaxis of Subjects with Seasonal Allergic Rhinitis" 7/99-11/99

87. Schering-Plough (P00687) "Efficacy and Safety of SCH 29854 8mg QD in Subjects with Seasonal Allergic Rhinitis" 7/99-11/99

88. Merck & Co., Inc. (117-00) "A Multicenter Double Blind Randomized Parallel Group Study Investigating the Clinical Effect of Combination Montelukast/Loratadine in Patients with Seasonal Allergic Rhinitis - Fall Study" 8/99-11/99

89. Agouron Pharmaceuticals (AG7088-304) "A Phase II Double Blind Placebo-Controlled Randomized, Multicenter, Parallel Study of AG7088 Nasal Spray, 2% Suspension for the Treatment of Natural Rhinovirus Infection in the General Population Including Patients with a History of Chronic Respiratory Disease" 12/99

90. Dura Pharmaceuticals (DPIBDP-07) “An Open Label Multiple-Dose Multicenter Study to Evaluate the Safety of Beclomethasone Dipropionate and Reliability of the “To Be Marketed” Spiros Dry Powder Inhaler in Patients with Asthma” 10/99-12/99

91. Novartis Pharmaceuticals (CIGE025 0114) “A Phase IIIB, Multicenter, Multiple Dose, 4-Month Randomized Parallel Group Double Blind, Placebo Controlled, Study to Assess the Efficacy, Safety and Tolerability of rhuMAb-E25 For the Treatment of Symptomatic Patients 12-75 Years Old with Perennial Allergic Rhinitis”10/99-12/99

92. AstraZeneca (9188IL/0156) “A Randomized Double Blind Placebo Controlled Parallel Group Multicenter Trial to Evaluate the Effect of Oral Zafirlukast (ACCOLATE™) on Growth in Prepubescent Children with Mild-to-Moderate Asthma” 9/99-12/99

93. Biogen (C99-714) “An Open Label Study to Determine the Tolerability and Efficacy of Repeat Courses of LFA3TIP (LFA-3/IgG1 Fusion Protein) in Subjects with Chronic Plaque Psoriasis Who Have Previously Completed C97-708 or C98-709 Study” 11/99-12/99

94. Biogen (C99-711) “A Randomized, Double Blind Comparison of Intravenous vs. Placebo in Subjects with Chronic Plaque Psoriasis” 12/99

95. Alkermes, Inc. (AIR01-003) “A Phase I/II Multicenter Placebo Controlled Study of Albulast in Adults with Asthma” 1/00

96. AstraZeneca, Inc. LP (SC-397-5099) “A Multicenter Double Blind Placebo Controlled Group Comparative Study to Investigate the Long Term Safety of AR-C68397AA via pMDI in Adult Patients with Chronic Obstructive Pulmonary Disease (COPD)”1/00

97. Merck & Co., Inc. “Single Site Double Blind Randomized Placebo Controlled Parallel Study Comparing the Efficacy and Safety of Montelukast 10mg QD in the Treatment of Chronic Idiopathic Urticaria” 1/00

98. AstraZeneca, LP (SC-397-5098) “A Multicenter Multinational Double Blind Placebo Controlled Group Comparative Study to Investigate the Effects of Viozan (TID) via pMDI Compared with Placebo (TID) in Adult Patients with Chronic Obstructive Pulmonary Disease (COPD)” 2/00

99. Biogen C99-712 “A Randomized Double Blind Placebo Controlled Dose Comparison Study to Evaluate the Efficacy and Safety of Intramuscular Administration of LFA3TIP in Subjects with Chronic Plaque Psoriasis” 2/00

100. Merck & Co., Inc.(162-00); “Multicenter Double Blind, Randomized, Parallel-Group Study Investigating the Clinical Effect of Combination Montelukast/Loratadine in Patients with Seasonal Allergic Rhinitis – Spring Study” 2/00

101. Aventis Pharmaceuticals,Inc. (M0164551/3112) “A Multicenter, Double-blind, Randomized, Placebo Controlled, Parallel Study to Assess the Safety and Tolerability of Fexofenadine HCl 30 MG Twice A Day During Treatment of Children 2 Through 5 Years of Age With Allergic Rhinitis”2/00

102. Genentech, Inc. (ACD2059g) “A Phase III, Randomized, Double-Blind, Parallel-Group, Placebo-Controlled, Multicenter, Multidose Study to Evaluate the Efficacy and Safety of Subcutaneously Administered Anti-CD11a in Adults with Moderate to Severe Plaque Psoriasis Who Are Candidates for Systemic Therapy”. 3/00

103. Pfizer, Inc. – “Randomized, Double-Blind, Parallel Group, Placebo-Controlled Multicenter Study of the Efficacy and Safety of Cetirizine-Pseudoephedrine vs. Loratadine-Pseudoephedrine (Claritin-D 12 hour) vs. Placebo in the Treatment of Subjects Twelve Years and Older with seasonal allergic rhinitis”. 4/00

104. Merck & Co., Inc. – “Randomized, Double-Blind, Placebo-Controlled Study Evaluating the Acute Bronchodilatory Effect of Montelukast in 6-14 Year Old children with Persistent Asthma” 4/00

105. Merck & Co., Inc. – “Single Site, Double-Blind, Randomized, Placebo-Controlled, Crossover Study of the Efficacy and Safety of montelukast 5mg QD in Acutely Preventing Exercise-Induced bronchoconstriction in 6-14 Year Old Children”. 4/00

106. Biogen (C99-718) – “Randomized Open Label Controlled Study to Assess the Effect of Intravenous LFA3TIP (LFA-3/IgG $_1$ Human Fusion Protein) on T Cell-Dependent Humoral Responses to Recall and Neo-Antigens in Subjects with Chronic Plaque Psoriasis” 7/00

107. Aventis (M016488C/3212) – “Double Blind Randomized Placebo Controlled Parallel Group Study Assessing the Efficacy and Safety of Oral Fexofenadine HCl Tablets 30 mg Twice a Day in Pediatric Subjects (6-11 Years) in the Treatment of Seasonal Allergic Rhinitis”. 8/00

108. Immunex (013.0017) – “Phase II Safety and Efficacy Study of Nebulized Recombinant Human IL-4 Receptor in Asthma” 8/00

109. Biogen C99-717 – “Double Blind Dose Comparison Retreatment Study to Evaluate the Efficacy and Safety of Intramuscular Administration of LFA3TIP (LFA-3IgG$_1$ Human Fusion Protein) in Subjects With Chronic Plaque Psoriasis Who Have Previously Completed Study C99-712.” 7/00

110. Novartis (CCOX189 114) “A 13 Week Multicenter Randomized, Double-Blind, Double-Dummy, Placebo-Controlled Parallel Group Trial of 2 Doses of COX189 (200 and 400 mg qd) in Patients with Rheumatoid Arthritis Using Celecoxib (200 mg bid) as a Comparator”. 7/00

111. Merck, Inc. Protocol #120-04. “A Randomized, Double-Blind, Multicenter Study to Evaluate the Effect of Adding Either Montelukast Sodium or Salmeterol Xinafoate to Inhaled Fluticasone in Adult Asthmatics” (Challenge Rescue Substudy #2). 9/00

112. Alkermes (Protocol AIR01-004) “A Phase IIa Cross-Over Study of Once Daily Inhalations of AlbuLast™ Compared to Placebo in Adults with Asthma”. 9/00

113. Immunex Corporation (Protocol 013.0019) “Phase II Safety and Efficacy Study of Nebulized Recombinant Human IL-4 Receptor in Asthma Patients Using Inhaled Corticosteroids” .12/00

114. Forest Laboratories: “A Double-Blind, Placebo-Controlled, Parallel Group Study of the Efficacy and Safety of Once Daily Flunisolide HFA Inhaler System in Patients with Asthma Currently Treated with Inhaled Steroids”. 04/01

115. Whitehall Robins Healthcare, Protocol # AD-99-02: “Advil Multi-Symptom Allergy Sinus Efficacy and Safety Study”. 4/01

116. Pfizer, Inc. “A Randomized, Double-Blind, Parallel Group, Placebo Controlled, Multicenter Study of the Efficacy and Safety of Zyrtec® (Cetirizine HCl) Syrup vs. Claritin® (Loratadine) Syrup vs. Placebo in the Treatment of Children with Seasonal Allergic Rhinitis”. 5/01

117. Muro – “Double-Blind, Placebo-Controlled, Randomized, Parallel Group Study of Four Doses of Loteprednol Etabonate Nasal Spray (100 µg, 200 µg, 400 µg and 800 µg) with Flonase® (200µ) as an Open Active-Control in the Treatment of Adults and Adolescents with Allergic Rhinitis Induced by Grass Pollen”. 5/01

118. Protein Design Labs – “A Phase II, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Pilot Study of SB 240683 in Patients with Symptomatic Steroid-Naïve Asthma”. 08/01

119. IDEC –(protocol #152-02) – A Placebo-Controlled, Multiple-Dose, Sequential Dose- Escalating Study to evaluate the Safety and Clinical Activity of IDEC-152 (Anti-CD23) Monoclonal Antibody in Patients with Mild Persistent to Severe Persistent Allergic Asthma 09/01

120. Genentech – Effects of Omalizumab (Xolair®) on Allergen-Induced Endpoint Skin Titrations and Nasal Challenges: Onset of Action. 09/01

121. Alkermes – A Double-Blind Placebo-Controlled Phase IIa Cross-Over Study of Single Doses of AIR-Salmeterol Compared to Placebo and Active Control in Adults with Asthma. 09/01

122. Aventis – A Phase III, Double-Blind, Placebo Controlled, Parallel-Group, Multicenter, Efficacy, Safety, and Dose Response Study of Ciclesonide Metered Dose Inhaler 50 μg/Day, 100 μg/Day and 200 μg/Day (ex-valve) Administered Once Daily for 12 Weeks in the Treatment of Children with Persistent Asthma. 08/01

123. Novartis Pharmaceuticals Corp., CASM 981 US03: "A 6-month, randomized, multicenter, parallel-group, double-blind, vehicle-controlled study to evaluate the efficacy of mild to severe atopic dermatitis in adults".09/01

124. Novartis Pharmaceuticals Corp., CFOF258 F2303: "A 12-Week Randomized, Multicenter, Double-Blind, Double-Dummy, Placebo and Active Controlled, Parallel Group Study Evaluating the Safety, Efficacy, and Pharmacokinetics of Foradil® (Formoterol Fumarate) (10 μg BID) Delivered By the Multi-Dose Dry Powder Inhaler (MDDPI) vs. Placebo vs. Albuterol pMDI QID in Patients with Persistent Asthma".10/01

125. Merck Protocol 246-00: "A Multicenter, Double-Blind, Randomized, Placebo-Controlled, Parallel-Group Study Investigating the Clinical Effects of Montelukast in Patients with Perennial Allergic Rhinitis". 12/01

126. Whitehall-Robins Protocol AC-02-03: "A Repeat-Dose, Placebo-and Active- Controlled Multicenter Efficacy and Safety Study of a Tablet Containing Ibuprofen 200mg Pseudoephedrine Hydrochloride 30mg, and Dextromethorphan Hydrobromide 15mg in Subjects with Symptoms of Cold or Flu." 12/01

127. Schering-Plough Research Institute P02772: " A Double-Blind, Placebo-Controlled Study of the Effect of Desloratadine in Subjects with Perennial Allergic Rhinitis". 12/01

128. Novartis Pharmaceuticals Corp. CFOR258D2307:"A Randomized, Multicenter, Placebo-Controlled Parallel Group Study of Four Months Duration per Patient to Evaluate the Safety and Efficacy of Treatment with 24μg BID and 12μg BID Formoterol, Double- Blind, and 12 μg BID Formoterol with Additional On-Demand Formoterol Doses, Open-Label, in Adolescent and Adult Patients with Persistent Stable Asthma". 12/01

129. Pfizer, Inc. A3771007: "A Multicenter, Randomized, Double-Blind, Placebo Controlled Study of the Efficacy and Safety of Zyrtec-D 12 Hour ™ (Cetirizine HCl/Pseudoephedrine HCl) versus Placebo in Patients with Seasonal Allergic Rhinitis and Concomitant Mild to Moderate Asthma". 01/02

130. Aventis Pharmaceuticals, Inc. MO16455P/3002: "A Multicenter, Double-blind Randomized, Parallel Group Placebo-Controlled Study to Assess the Efficacy and Safety of Fexofenadine 120 mg BID in Subjects with Mild to Moderate Persistent Asthma".01/02

131. Aventis Pharmaceuticals, Inc. XRP1526B-342-LT:"A Multicenter, Randomized, Open-Label, One Year Long Term Safety Study of Ciclesonide Metered Dose Inhaler 50μg/Day to 200 μg/Day (Ex-Valve) Administered Once Daily or Fluticasone Dry Powder Inhaler Flovent® Rotadisk®) 50 μg or 100μg Administered Twice Daily for the Treatment of Children with Persistent Asthma". 02/02

132. IDEC Pharmaceuticals Corporation IDEC 152-04:"A Phase II, Randomized, Blinded, Placebo-Controlled, Multiple-Dose, Dose-Finding Study to Evaluate the Safety and Clinical Activity of IDEC-152 in Patients with Ragweed-Induced Seasonal Allergic Rhinitis". 02/02

133. Pfizer Inc. "A Multicenter, Randomized, Double-Blind, Placebo Controlled Study of the Efficacy and Safety of Zyrtec-D 12 Hour™ (Cetirizine HCl/Pseudoephedrine HCl) Versus Placebo in Patients with Seasonal Allergic Rhinitis and Concomitant Mild to Moderate Asthma". 04/02

134. IDEC Pharmaceuticals Corporation "A Phase II, Randomized, Blinded, Placebo-Controlled, Multiple-Dose, Dose-Finding Study to Evaluate the Safety and Clinical Activity of IDEC-152 in Patients with Ragweed-Induced Seasonal Allergic Rhinitis 06/02

135. Biogen, Inc. "An Open-Label, Multicenter Study to Evaluate the Safety and Tolerability of Intramuscular Administration of Alefacept (LFA-3/IgG_1 Fusion Protein) in Subjects with Chronic Plaque Psoriasis who have Completed Studies C99-717 or C99-712" 7/02

136. Muro Pharmaceutical, Inc. "Evaluation of the Onset of Action (Day-in-the-Park) of a Single Dose of 400 μg Loteprednol Etabonate Nasal Spray in Adults and Adolescents with Ragweed Induced Seasonal Allergic Rhinitis ("Intermittent Rhinitis")".07/02

137. A Twelve-Week, Randomized, Double-Blind, Double-Dummy, Placebo and Active Controlled Study of SYMBICORT™ pMDI Administered Once Daily in Adults and Adolescents with Asthma – STEM (AstraZeneca Protocol SD-039-0726) 11/02

138. Merck, Inc. (Protocol #269-00) "A Multicenter, Double-Blind, Randomized Study Investigating the Clinical Effect of Montelukast on Allergic Rhinitis in Patients with Seasonal Allergic Rhinitis and Chronic Asthma"– Spring 2003. 5/03

139. Sepracor (Protocol #110-086) “Assessment of Skin Biopsies Following Treatment with Tecastemizole for 4 Months”. 5/03

140. A Multicenter, Double-Blind, Randomized, Parallel-Group Study Investigating the Clinical Effects of L-000888839 in Patients with Seasonal Allergic Rhinitis – a Pilot Study During the Fall Season (Merck & Co., Inc. Protocol 005-00) 7/03

141. Merck 265-00 – A Multicenter Double Blind Randomized Placebo Controlled Parallel Group Study Investigating the Clinical Effects of Montelukast in Patients with Perennial Allergic Rhinitis. 10/03

142. ONO, Pharmaceuticals: A Four Week Double Blind Placebo Controlled Exploratory Evaluation of $FEV_{1.0}$ Changes and Safety of ONO-6126 in Patients with Chronic Obstructive Pulmonary Disease (COPD). 11/03

143. Corixa Corporation (CCMA001-01): A Phase I Double-Blind, Placebo-(Saline) Controlled, Dose Escalating, Ragweed Allergen Challenge Study in Adults Allergic to Ragweed to Evaluate the Safety, Tolerability and Clinical Outcomes of the Intranasal Application of CRX-675. 01/04

144. Novartis Pharma/Genentech Inc.: A Phase II, Randomized, Double-Blind, Parallel-Group, Placebo-Controlled, Oral Food Challenge Trial of Xolair® (Omalizumab) In Peanut Allergy. 01/04

145. Novartis Pharma/Genentech Inc.: The Effects of Omalizumab (Xolair®) on Airway Hyperresponsiveness. 01/04

146. Merck & Co., Inc.: (289-00): A Multicenter, Double-Blind, Placebo-Controlled, Randomized, Parallel-Group Study to Evaluate the Clinical Effect of Oral Montelukast Versus Placebo During the Allergy Season in Patients with Seasonal Aeroallergen Sensitivity and Chronic Asthma Which is Also Active During Allergy Season.01/04

147. Dynavax (DVI-SAR-06): A Phase IIb, Double-Blind, Randomized, Placebo-Controlled Study of the Efficacy, Safety, Tolerability, and Immunogenicity in Ragweed Allergic Adults Following Subcutaneous Administration of Dynavax Amb a 1 Immunostimulatory Oligodeoxyribonucleotide Conjugate (AIC). 01/04

148. Pfizer (A9001244) A Randomized, Double-Blind, Placebo-Controlled 3-Way Crossover Study to Determine the Effects of Single and Multiple (7 Days) Doses of Allegra-D™ (Fexofenadine 60mg/Pseudoephedrine Hydrochloride 120 mg) on Objective (A_{min} and Nasal Volume Via Acoustic Rhinometry) and Subjective

(Symptom Score) Measures of Nasal Congestion in Response to Nasal Allergen Provocation in Subjects with Seasonal Allergic Rhinitis. (01/05)

149. Medicinova (MN-001-CL-001) A Randomized, Double-Blind, Placebo-Controlled Study Evaluating the Effects of MN-001 in Subjects with Mild to Moderate Asthma.(02/05)

150. Dynavax (Protocol DV1-SAR-08) A Phase III, Non-Pivotal, Double-Blind, Randomized Study of the Efficacy, Safety and Tolerability of Subcutaneously Administered Dynavax *Amb a 1* Immunostimulatory Oligodeoxyribonucleotide Conjugate (AIC) Plus Anti-histamine and Decongestant versus Antihistamine and Decongestant Alone in Ragweed Allergic Children. (03/05)

151. Capnia (Protocol SAR-2005) Feasibility Study to Evaluate the Efficacy of Carbon Dioxide Gas (CO_2) for the Relief of Symptoms Associated with Seasonal Allergic Rhinitis. (04/05)

152. Astellas Pharma, Inc. (Protocol 04-0-213) A Phase II, Multicenter, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Study of the Safety and Efficacy of Tacrolimus Inhalation Aerosol in Subjects with Persistent Asthma. (05/05)

153. Novartis: Exhaled breath condensate and nitric oxide: Non-invasive evaluation of lung disease after treatment with Xolair. 5/05

154. Schering-Plough: The Effects of Mometasone DPI on Markers of Airway Inflammation. (08/05)

155. Novartis Pharmaceuticals (CIGE025AUS23) A 26-Week, Randomized, Double-Blind, Parallel-Group Placebo-Controlled, Multi-Center Study to Evaluate the Effect of Xolair (omalizumab) on Improving the Tolerability of Specific Immunotherapy in Patients with Persistent Allergic Asthma.(9/05)

156. CSL Behring GmbH CE1145-3003: Open label extension study of human pasteurized C1 esterase inhibitor concentrate (CE1145) in subjects with congenital C1-INH deficiency and acute HAE attacks. 09/05

157. Dynavax Technologies Corporation (Protocol DV1-SAR-09) A Phase III, Randomized, Double-Blind, Placebo-Controlled, Multicenter Study of the Efficacy and Safety of Subcutaneously Administered TOLAMBA ™ in Ragweed-Allergic Adults.(01/06)

158. Pharmaxis (Protocol DPM-A-305) A Phase III Multicenter Study to Demonstrate the Sensitivity of Aridol (Mannitol) Challenges as Compared with Methacholine Challenge to Predict Bronchial Hyperresponsiveness as Manifested By a Positive

Exercise Challenge in Subjects Presenting with Signs and Symptoms Suggestive of Asthma but Without a Definitive Diagnosis. (01/06)

159. ZLB Behring: Human Pasteurized C1 Esterase Inhibitor Concentrate (CE1145) In Subjects with Congenital C1-INH Deficiency and Acute Abdominal or Facial HAE Attacks. 1/06 (SI)

160. Aperon – Monitoring the Fractional Concentration of Exhaled Nitric Oxide (FE_{NO}) in Uncontrolled Asthma Before and After Steroid Therapy Using the Aperon NO Analyzer. (01/06)

161. Novartis Pharmaceuticals Corp.: The Effect of Xolair on Inhibiting Leukotriene and Cytokine (IL-4 and IL-13) Release From Blood Basophils. 3/06 (SI)

162. Novartis Inc: Effect of Xolair on inhibiting leukotriene and cytokine (IL-4 and IL-13) release from blood basophils. 3/06

163. Alcon Research, Ltd.: C-05-69- Safety Study of Olopatadine Nasal Spray. (11/06)

164. Allergy Therapeutics: A Randomized, Placebo-Controlled Double-Blind Study to Test the Efficacy and Safety/Tolerability of Grass MATAMPL. (01/07)

165. Curalogic: Randomized, Double-Blind, Parallel Group, Placebo-Controlled Study to Study the Efficacy and Safety of Oral Microencapsulated Ragweed Pollen extract Administered Prior and During Ragweed Pollen Season. (01/07)

166. Novartis: A 26-Week Treatment, Multicenter, Randomized, Double-Blind, Double-Dummy, Placebo-Controlled Adaptive, Seamless, Parallel-Group Study to Assess the Efficacy, Safety and Tolerability of 2 Doses of Indacaterol (selected from 75,150,300 & 600 µg/o.d.) in Patients with Chronic Obstructive Pulmonary Disease Using Blinded Formoterol (12 µg b.i.d.) and Open Label Tiotropium (18 µ.g. o.d.) as Active Controls. (03/07) (SI)

167. Allied Therapeutics: A Randomized, Placebo-Controlled Double-Blind Study to Test the Efficacy and Safety/Tolerability of Ragweed MATAMPL. (03/07)

168. Amgen, Inc: Randomized, Double-Blind, Placebo-Controlled, Multiple Dose, Phase II Study to Determine the Safety and Efficacy of AMG317 in Subjects with Moderate to Severe Asthma. (02/07)

169. Novartis, Inc.: The Effect of Xolair on Inhibiting Leukotriene and Cytokine (IL-4 and IL- 13) Release from Blood Basophils. (03/07) (SI)

170. Altana, Inc.: The Effect of Roflumilast In-Vitro on Basophil, Histamine and Leukotriene, IL-4 and IL-13 Release. (04/07) (SI)

171. Abbott Labs.: A Phase IIa, Multi-Center, Randomized, Double-Blind, Placebo-Controlled Parallel, Dose- finding Study to Evaluate the Safety, Efficacy and Pharmacokinetics of Adalimumab on Subjects with Refractory Asthma. (05/07)

172. Novartis, Pharmaceuticals: A 26-Week Treatment, Randomized Multicenter, Double-Blind, Double-Dummy, Parallel-Group Study to Assess the Safety of Indacaterol (300 and 600µg o.d.) in Patients with Moderate to Severe Persistent Asthma, Using Salmeterol (50 µg b.i.d.) as an Active Control. (05/07)

173. Quintiles/Innovex: Randomized, Double-Blind, Parallel Group, Placebo-Controlled Study to Assess the Efficacy and Safety of Oral Microencapsulated Ragweed Pollen Extract administered Prior to and During Ragweed Pollen Season. (04/07)

174. Amgen: A Randomized, Double-Blind, Placebo-Controlled, Multiple Dose, Phase II Study to Determine the Safety and Efficacy of AMG 317 in Subjects with Moderate to Severe Asthma. (06/07)

175. Novartis – Randomized double-blinded, placebo controlled, PARALLEL group, multicenter study to assess safety, tolerability, pharmacokinetics, pharmacodynamics, and efficacy of intravenous doses of QAX576 in moderate persistent allergic asthmatics following inhaled corticosteroid withdrawal.(9/07)

176. Pfizer: Randomized Double-Blind, Double-Dummy, Placebo-Controlled, Four-way Crossover Study to Determine the Effects of an H3 Receptor Antagonist -PF-03654756 on Congestion Following a Nasal Allergen Challenge in Subjects with Seasonal Allergic Rhinitis. (10/07)

177. Alcon C-07-01– Safety and efficacy of olopatadine HCL nasal spray in 6-11 year old patients. (10/07)

178. Barofold, Inc.: Research testing agreement. (03/08)

179. Greer Labs. (SLIT 07-01) – Parallel, randomized double-blind, placebo-controlled trial in adults for the sublingual-oral immunotherapy (SLIT) of allergic rhinoconjunctivitis with or without asthma caused by ragweed pollen. (04/08)

180. Capnia C215: Randomized, double-blind, placebo-controlled multicenter study to evaluate the efficacy and safety of nasal carbon dioxide in the treatment of seasonal allergic rhinitis. (5/07)

181. Merck: Effect of montelukast in–vitro on basophil, histamine and leukotriene, IL-4 and IL-13 release in subjects with allergic rhinitis or allergic asthma. (5/08)

182. MedImmune MI-CP143 – Phase IIa randomized double-blind placebo-controlled dose-escalating study to evaluate the safety and effect on exercise challenge testing of multiple fixed subcutaneous doses of MEDI-528, a humanized anti-interleukin-9 monoclonal antibody in adults with stable asthma and exercise-induced bronchoconstriction. (07/08)

183. Pfizer A8801003 – Randomized double-blind double dummy placebo-controlled four-way crossover study to determine the effects of an H_3 receptor antagonist (PF-03654746) on congestion following a nasal allergen challenge in subjects with seasonal allergic rhinitis.(07/08)

184. Merck & Co., Inc.: Phase 1B randomized, placebo-controlled, clinical trial to study the safety and bronchodilatory effect of MK-0476 in patients with chronic asthma. (07/08)

185. Stallergenes, SA: Randomized, double-blind, placebo-controlled multicenter Phase III study of the efficacy and safety of 300 IR sublingual immunotherapy (SLIT) administered as allergen-based tablets once daily to adult patients suffering from grass pollen. (10/08)

186. Boehringer-Ingelheim 1012.57: Multicenter randomized study starting with a 4-week, 2-way crossover double-blind treatment dose comparing the efficacy and safety of Combinvent® CFC MDI to albuterol HFA MDI followed by a 4-week open-label Combivent Respimat® treatment phase when all study drugs are used for symptom relief "as needed" in patients with moderate to severe asthma (GINA 2207treatment steps 3 to 5). (12/08)

187. Pfizer PF-04191834: Phase 2A randomized, double-blind (3rd party open) double-dummy, placebo and active controlled 5-way crossover study to assess the bronchodilatory action, safety, toleration and pharmacokinetics of single oral doses of PF-0419834 in asthmatic patients. (3/09)

188. Novartis Protocol CNVA237-A 52-Week Treatment, Randomized, Double-Blind, Placebo-Controlled, With Open Label Tiotropium, Parallel-Group Study To Assess The Efficacy, Safety and Tolerability of NVA237 In Patients With Chronic Obstructive Pulmonary Disease.

189. Novartis Protocol CQMF149A2210- A randomized, multi-center, parallel group, double blind, study to assess the safety of QMF Twisthaler® (500/400µg) and mometasone furoate Twisthaler® (400µg) in adolescent and adult patients with persistent asthma.

190. Capnia Protocol C218- A Randomized, Double-Blind, Placebo-Controlled, Multi-Center, Pilot Study to Evaluate the Efficacy and Safety of Nasal Carbon Dioxide Used Four Times a Day in the Symptomatic Treatment of Seasonal Allergic Rhinitis. (5/08)

191. Genentech. A Phase II, Randomized, Double-Blind, Placebo-Controlled study to Evaluate the Safety, Tolerability and Efficacy of Lebrikizumab (MILR 444A) in

Adult Patients with Asthma who are Inadequately Controlled on Inhaled Corticosteroids (MILLY) 9/09 (SI)

192. Schering-Plough P05234- A Multi-Center, Randomized, Double-Blind, Multiple-Dose, Placebo- Controlled, Parallel-Group Study Evaluating the Efficacy and Long-Term Safety of Ragweed (Ambrosia artemisiifolia) Sublingual Tablet (SCH39641) in Adult Subjects With a History of Ragweed- Induced Rhinoconjunctivitis With or Without Asthma. (12/09)

193. Roche. Effects of Intranasal Corticosteroid and Montelukast On Nasal Allergen Challenges (10/10)

194. Boehringer Ingelheim 205.418 A Phase III randomised, double-blind, placebo-controlled, parallel group trial to evaluate efficacy and safety of tiotropium inhalation solution delivered via Respiramat® inhaler (2.5 and 5 µg once daily) compared with placebo and salmeterol HFA MDI (50 µg twice daily) over 24 weeks in patients with moderate persistent asthma. (11/10)

195. Roche Collection of Nasal Epithelium Lining Fluid Samples from Allergic Rhinitis Patients (3/11)

196. GenentechQ4882g A phase III, multicenter, randomized, double-blind, dose ranging, placebo-controlled study to evaluate the efficacy, response duration and safety of Xolair® (Omalizumab) in patients with chronic idiopathic urticaria (CIU) who remain symptomatic despite antihistamine treatment (H1). (6/11)

197. Sanofi Aventis Protocol ACT11457: A randomized, double-blind, placebo-controlled, parallel group study to assess the efficacy, safety, and tolerability of SAR231893/REGN668 administered subcutaneously (SC) once weekly for 12 weeks in patients with persistent eosinophilic asthma who are partially controlled/uncontrolled by inhaled corticosteroid (ICS) plus long-acting beta 2 agonist (LABA) therapy. (6/11)

198. Sun Micro - A 2 week randomized double-blind placebo controlled parallel group, safety and efficacy study of Ciclosonide nasal aerosol in subjects 6-11 years with seasonal allergic rhinitis. (6/11)

199. Schering-Plough Research Institute – A multicenter, double-blind randomized placebo- controlled parallel group study evaluating the efficacy and safety of grass (phleum pretense) sublingual tablet (SCH 697243) in subjects between 5 and 65 years of age with history of grass pollen-induced rhinoconjunctivitis, with or without asthma. (7/11)

200. Medimmune/AstraZeneca – Phase IIb randomized double-blind study to evaluate the efficacy of Tralokinumab in adults with uncontrolled severe asthma. (10/11)

201. MediImmune, Inc. – MI-CP198: A phase IIB, randomized study to evaluyate the efficacy and safety of subcutaneous Medi-528 in adults with uncontrolled asthma. (12/11)

202. AstraZeneca - A phase II double-blind, randomized, parallel-group placebo-controlled multicenter study, comparing Budesonide Pmdi 160µG BID with placeo; a 6-week efficacy and safety study in children aged 6 - 12 years with asthma. (D589GC00001) (12/11)

203. Merck – A 26 week, randomized, double-blinded, active controlled study comparing the safety of Mometasone furoate, formoterol fumarate MDI fixed dose combination versus monetasone furoate MDI monotherapy in adolescents and adults with persistent asthma. (2011)

204. Sunovion – A 2 week, randomized, double-blind, placebo-controlled, parallel group safety and efficacy study of Ciclesonide nasal aerosol in subjects 6 – 11 years with seasonal allergic rhinitis. (2012)

205. Circasia – A double-blind, randomized, placebo-controlled, multicenter field study to assess the efficacy and safety of cat-pad peptide immunotherapy in cat allergic subjects. (2012)

206. Cytos – A randomized, placebo-controlled, phase IIB, dose-finding study of CYT003-QBG10, a TLR9-agonists in patients with moderate to severe allergic asthma not sufficiently controlled on current standard therapy (GINA steps 3+4) (2012)

207. Chiltern/Mylan – A randomized, double-blind, placebo-controlled 3-way crossover incomplete block study to assess the dose-responsiveness of exhaled nitric oxide to Advair® Diskus® inhaler in adult asthmatic subjects. (2012)

208. Novartis – A randomized, placebo-controlled, dose-ranging, multicenter trial of QAW039 (1-450 mg PO) to investigate the effect of FEV1 and ACQ in patients with moderate to severe, persistent, allergic asthma, inadequately controlled with ICS therapy. (2012)

209. WB Roche - A Phase III, Randomized, Double-Blind, Placebo-Controlled Study to Assess Tolerability of Lebrikizumab in Adolescent Patients with Uncontrolled Asthma who are Taking Corticosteroids and a Second Controller Medication a phase III, Randomized, Double-Blind, Placebo-Controlled Study to Assess the Efficacy, Safety, and Tolerability of Lebrikizumab in Adolescents with Uncontrolled Asthma Who are on Inhaled Corticosteroids and a Second Controller.

210. Dyax - Phase 1b, Double-Blind, Multiple Ascending Dose Study to Assess Safety, Tolerability and Pharmacokinetics of DX-2930 in Hereditary Angioedema Subjects ROTOCOL NO.: DX-2930-02 (Sub-I) (2014).

211. Optinose - A 16-Week RaNdomized, Double-Blind, Placebo-Controlled, PArallel-Group, Multicenter Study EValuatInG the Efficacy and Safety of Intranasal

Administration of 100, 200, and 400 µg of FluticAsone Propionate Twice a Day (BID) Using a Novel Bi-DirecTional DEvice in Subjects with Bilateral Nasal Polyposis Followed by an 8-Week Open-Label Extension Phase to Assess Safety (Sub-I) (2014).

212. Pharming: (HAE) A Phase 2 Multicenter, Randomized, Double-Blind, Placebo-Controlled, 3-Period Crossover Study to Evaluate the Efficacy and Safety of Recombinant Human C1 Inhibitor in the Prophylaxis of Angioedema Attacks in Patients with Hereditary Angioedema (Sub-I) (2014).

213. SHIRE: (HAE) A Multicenter, Open-Label, Non-Randomized Study to Assess the Pharmacokinetics, Tolerability, and Safety of a Single Subcutaneous Administration of Icatibant in Children and Adolescents with HAE (Sub-I) (2014).

214. Sanofi: (Asthma) A randomized, double blind, placebo-controlled, parallel group study to evaluate the efficacy and safety of dupilumab in patients with persistent asthma (2015).
215. LAS-MD-45: (COPD) Double-blind, Randomized, Placebo-controlled, Parallel-group, Phase IV Study to Evaluate the Effect of Aclidinium Bromide on Long-term Cardiovascular Safety and COPD Exacerbations in Patients with Moderate to Very Severe COPD (Sub-I) (2014).

216. SUMMIT: (COPD) A Clinical Outcomes Study to compare the effect of Fluticasone Furoate/Vilanterol Inhalation Powder 100/25mcg with placebo on Survival in Subjects with moderate Chronic Obstructive Pulmonary Disease (COPD) and a history of or at increased risk for cardiovascular disease (Sub-I) (2015).

217. ROF-MD-07: (COPD) A 52-Week, Double-Blind, Randomized, Placebo-Controlled, Parallel-Group Study to Evaluate the Effect of Roflumilast 500 µg on Exacerbation Rate in Patients With Chronic Obstructive Pulmonary Disease (COPD) Treated With a Fixed-Dose Combination of Long-Acting Beta Agonist and Inhaled Corticosteroid (LABA/ICS) (Sub-I) (2015).

218. Circassia: (Dust Mite) A Double-Blind, Randomised, Placebo-Controlled, Multi-Centre Field Study to Assess the Efficacy and Safety of HDM-SPIRE in Subjects with a History of House Dust Mite-Induced Rhinoconjunctivitis (Sub-I) (2015).

219. Genentech: (Urticaria) XTEND-CIU (XOLAIR TREATMENT EFFICACY OF LONGER DURATION IN CHRONIC IDIOPATHIC URTICARIA): A Phase IV, Mulitcenter, Randomized, Double-Blind, Placebo Controlled study to evaluate the efficacy and safety of Omalizumab through 48 weeks in patients with Chronic Idiopathic Urticaria (Sub-I) (2015).

220. COMPLEWARE U-SS-M-AS312:A randomized, double-blind, double-dummy, placebo-controlled, four way crossover multicenter study to compare the

Bronchoprotective effects of Alubuterol Sulfate HFA pMDI with the reference product, Albuterol Sulfate HFA pMDI Proventil HFA. (2015).

221. VERTEX VX14-787-103: (FLU) A phase 2B, randomized, double-blind, placebo-controlled, parallel-group, multicenter study of 2 dose levels of VX-787 administered as monotherapy and one dose level of VX-787 administered in combination with Oseltamivir for the treatment of acute uncomplicated seasonal influenza A in adult Subjects (2015).

222. STALLERGENES SL75.14: (DUST MITE) A randomized, double-blind, placebo-controlled, multi-center study of the efficacy and safety of STG320 sublingual tablets of house dust mite (HDM) allergen extracts in adults and adolescents with HDM-associated allergic rhinitis (2015).

223. AFFERENT PHARMACEUTICALS, INC. AF219-012; A 12-Week Study to Assess the Efficacy and Safety of AF-219 in Subjects with Treatment Refractory Chronic Cough (2016).

224. AIMMUNE THERAPEUTICS, INC: PEANUT ALLERGY ORAL IMMUNOTHERAPY STUDY OF AR101 FOR DESENSITIZATION IN CHILDREN AND ADULTS (THE PALISADE STUDY) (2016)

225. SANOFI, INC. A randomized, double blind, placebo-controlled, parallel group study to evaluate the efficacy and safety of dupilumab in patients with persistent asthma. (2016)

226. DYAX. A randomized, double-blind, placebo-controlled safety and efficacy study to Evaluate DX-2930 for long term phrophylaxis against acute attacks of HAE, T Casale, SI (2016).

227. Regeneron: Efficacy and safety of Dupilumab MAb monotherapy administered in patients with moderate to severe Atopic Dermatitis. (2017).

228. Sanofi Efc14146:Nasal Polyps: A randomized, 24 week treatment, double blind, placebo controlled efficacy and safety study of dupilumab MAb in patients with bilateral nasal polyposis on a background therapy with intranasal corticosteroids. T Casale, SI (2017).

229. Watson ACT-2015-075-0AA Severe Asthma. (2017).

230. Aimmune Peanut allergy: Oral peanut immunotherapy. (2017).

231. Mercedes Benz Allergic Asthma: Study to determine the tolerability of new car odors on patients with asthma. (2017).

232. A Phase Iii, Randomized, Multicenter, Double-Blind, Placebo-Controlled Clinical Trial Of Omalizumab In Patients With Chronic Rhinosinusitis With Nasal Polyps

233. A Double-Blind, Randomized, Placebo Controlled Study Of The Efficacy And Safety Of Three Doses Of Orvepitant In Subjects With Chronic Refractory Cough

234. Open-Label Extension Study Of Omalizumab In Patients With Chronic Rhinosinusitis With Nasal Polyps Wa40169

235. A Phase 2/3 Study Investigating The Pharmacokinetics, Safety, And Efficacy Of Dupilumab In Patients Aged ≥6 Months To <6 Years With Severe Atopic Dermatitis R668-Ad-1539

236. An Open-Label Extension Study To Assess The Long-Term Safety And Efficacy Of Dupilumab In Patients ≥6 Months To <18 Years Of Age With Atopic Dermatitis R668-Ad-1434

237. A Randomized, Double-Blind, Placebo-Controlled Study To Investigate The Efficacy And Safety Of Dupilumab Administered Concomitantly With Topical Corticosteroids In Patients, ≥6 Years To <12 Years Of Age, With Severe Atopic Dermatitis R668-Ad-1652

238. A Phase 3 Randomized Withdrawal, Double-Blind, Placebo-Controlled, Multi-Center Study Investigating The Efficacy And Safety Of Pf-04965842 In Subjects Aged 12 Years And Over, With Moderate To Severe Atopic Dermatitis With The Option Of Rescue Treatment In Flaring Subjects B7451014

239. Chronic Refractory Cough Cohort Study (Coco)

240. Losartan Effects On Emphysema Progression (Leep)

241. A Randomized, Subject- And Investigator-Blinded, Placebo-Controlled, Multi-Center, Multiple Dose Study To Assess The Efficacy And Safety Of Cjm112 In Patients With Inadequately Controlled Moderate To Severe Asthma Ccjm112x2204

242. A Phase Ii, Multicenter, Randomized, Double-Blind, Placebo-Controlled Pilot And Dose-Ranging Study Of Gdc-0853 In Patients With Refractory Chronic Spontaneous Urticaria (Csu) Gs39684

243. A Phase Ii Open-Label Extension Study To Evaluate The Long-Term Safety And Efficacy Of Fenebrutinib In Patients Previously Enrolled In A Fenebrutinib Chronic Spontaneous Urticaria Study Gs40868

244. Help Study Extension: An Open-Label Study To Evaluate The Long-Term Safety And Efficacy Of Dx-2930 For Prevention Against Acute Attacks Of Hereditary Angioedema (Hae) Dx-2930-04

245. Real-World Ar101 Market-Supporting Experience Study In Peanut-Allergic Children, Active Treatment Arm Open-Label Extension Study (Ramses Ole) Arc011

246. A Multicenter, Open-Label, Long-Term Safety Study Of Ar101 Characterized Oral Desensitization Immunotherapy In Subjects Who Participated In A Prior Ar101 Study Arc008

247. Peanut Allergy Oral Immunotherapy Study Of Ar101 For Desensitization In Children And Adults (Palisade) Follow-On Study Arc004

248. Real-World Ar101 Market-Supporting Experience Study In Peanut-Allergic Children Ages 4 To 17 Years (Ramses) Arc007

249. A Phase 2, Multicenter, Randomized, Double-Blind, Placebo-Controlled Study In Pediatric Subjects With Peanut Allergy To Evaluate The Efficacy And Safety Of Dupilumab As Adjunct To Ar101-Codit (Peanut Oral Immunotherapy) R668-Alg-16114

250. A Study To Evaluate The Efficacy And Safety Of Dupilumab Monotherapy In Pediatric Patients With Peanut Allergy R668-Alg-1702.

251. An Open-Label Extension Study to Assess the Long-Term Safety and Efficacy of Dupilumab in Patients ≥6 Months to <18 Years of Age with Atopic Dermatitis R668-AD-1434—Regeneron Pharmaceuticals

252. A Randomized, Double-Blind, Placebo-Controlled Study to Investigate the Efficacy and Safety of Dupilumab Administered Concomitantly with Topical Corticosteroids in Patients, ≥6 Years to <12 Years of Age, with Severe Atopic Dermatitis R668-AD-1652—RegeneronPharmaceuticals

253. A Phase 3 Randomized Withdrawal, Double-Blind, Placebo- Controlled, Multi-Center Study Investigating the Efficacy and Safety of PF-04965842 in Subjects Aged 12 Years and Over, With Moderate to Severe Atopic Dermatitis with the Option of Rescue Treatment in Flaring Subjects B7451014---Pfizer Pharmaceuticals

254. Real-World AR101 Market-Supporting Experience Study in Peanut-Allergic Children, Active Treatment Arm Open-Label Extension Study (RAMSES OLE) ARC011---Aimmune Pharmaceuticals

255. A Multicenter, Open-Label, Long-Term Safety Study of AR101 Characterized Oral Desensitization Immunotherapy in Subjects who Participated in a Prior AR101 Study ARC008---Aimmune Pharmaceuticals

256. Peanut Allergy Oral Immunotherapy Study of AR101 for Desensitization in Children and Adults (PALSIDES) Follow-On Study ARC004---Aimmune Pharmaceuticals

257. Real-World AR101 Market-Supporting Experience Study in Peanut-Allergic Children

Ages 4 to 17 Years (RAMSES) ARC007---Aimmune Pharmaceuticals

258. 24-Week Treatment Study to Compare Standard of Care Versus the eMDPI DS in Patients 13 Years or Older with Asthma

259. An Open-Label Extension Study Evaluating the Safety and Efficacy of ADP101 for Oral Immunotherapy in Food-Allergic Children and Adults (The Encore Study)

260. VLP-Peanut101: A Phase I clinical trial to evaluate the safety and tolerability of VLP Peanut in healthy subjects and subjects with peanut allergy and to explore preliminary signals of its efficacy (PROTECT)

261. A Phase 3 Double-Blind, Placebo-Controlled Study to Evaluate the Efficacy and Safety of ISIS 721744 in Patients with Hereditary Angioedema (HAE)

262. Observational study of innate and adaptive immune cells from blood of highly allergic donors

263. A Phase 1 Dose-Escalation Study in Adults with Severe IgE-Mediated Food Allergy, to Assess the Safety, Tolerability, and Pharmacodynamic Effects of Short-Term Linvoseltamab Treatment, a BCMAxCD3 Bispecific Antibody to Induce T-Cell Killing of IgE Producing Plasma Cells, on Top of Chronic Dupilumab Treatment, to Prevent the Formation of New IgE Producing Plasma R5458-668-ALG-2219

264. Observational study of innate and adaptive immune cells from blood of highly allergic donors, IgGenix

265. A phase I open-label trial to assess the tolerability and safety of an up-dosing regimen with a once-daily peanut SLIT-tablet in adults, adolescents, and children with peanut allergy PT-01

266. A Phase 3, Double-blind, Placebo-controlled, Randomized Study to Assess the Efficacy and Safety of Epicutaneous Immunotherapy with DBV712 250 µg in 4-7-year-old Children with Peanut Allergy (VITESSE)

267. A Phase I clinical trial to evaluate the safety and tolerability of VLP Peanut in healthy subjects and subjects with peanut allergy and to explore preliminary signals of its efficacy (PROTECT)

268. An Open-Label Extension Study Evaluating the Safety and Efficacy of ADP101 for Oral Immunotherapy in Food-Allergic Children and Adults (The Encore Study)

269. A Phase 2, Multicenter, Randomized, Double-Blind, Placebo-Controlled Study to Evaluate the Efficacy and Safety of Lirentelimab in Adult Subjects with H-1 Antihistamine Refractory Chronic Spontaneous Urticaria AK002-027

270. A Phase 3, randomized, double-blind, placebo-controlled, parallel-group, 3-arm, multinational, multicenter study to evaluate the efficacy and safety of amlitelimab by subcutaneous injection in participants aged 12 years and older with moderate-to-severe atopic dermatitis on background topical corticosteroids----EFC17561

271. A phase 1b/2a, dose escalation trial of safety, pharmacokinetic/pharmacodynamic and preliminary clinical activity of briquilimab in adult patients with chronic spontaneous urticaria (csu) who remain symptomatic despite treatment with, or who cannot tolerate omalizumab----jsp-cp-011

272. Phase 2, Multicenter, Randomized, Double-Blind, Placebo-Controlled Study to Evaluate the Effects of EP262 in Subjects with Chronic Spontaneous Urticaria EP262

273. A Phase 3, Multicenter, Randomized, Double-Blind, Placebo-Controlled, Parallel Group Study to Evaluate the Efficacy and Safety of Lebrikizumab/LY3650150 in Adult Participants with Perennial Allergic Rhinitis J2T-MC-KGBT

274. A phase 3 multi-center trial to evaluate the efficacy and safety of tralokinumab in combination with topical co1iicosteroids in children (age 2 to <12 years) and infants (age 6 months to <2 years) with moderate-to-severe atopic dermatitis. The trial is randomized, double-blind, placebo-controlled, and parallel-group for children (age 2 to <12 years) and open-label and single-group for infants (age 6 months to <2 years) LP0162-1336

275. A phase 2, single-dose, randomized, active and placebo controlled, cross-over study of the safety and efficacy of intranasal epinephrine after administration of ars-1 or albuterol in subjects with persistent asthma epi a01

276. A single-dose, randomized, placebo-controlled, cross-over study of the safety and efficacy of intranasal epinephrine after administration of ars-1 in subjects with frequent urticaria flares epi u01

D. Pub Med Cited Publications

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254. Yost, Jennaveve et al. Enhancing Understanding of Mental Health Issues Faced by Food Allergy Patients. Journal of Allergy and Clinical Immunology, 2023, Volume 151, Issue 2, AB214.
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258. Maurer, Marcus et al. Dupilumab Improves Urticaria Activity And Quality Of Life In Patients With Chronic Spontaneous Urticaria (CSU), Journal of Allergy and Clinical Immunology, 2023, Volume 151, Issue 2, AB98
259. Ishmael, Leah et al. Asthma Morbidity Measures Across Black Ethnic Subgroups. Journal of Allergy and Clinical Immunology, 2023, Volume 151, Issue 2, AB123.
260. Bernstein, Jonathan et al.Efficacy of Biologics in Patients With Severe, Uncontrolled Asthma by Allergic Status. Journal of Allergy and Clinical Immunology, Volume 153, Issue 2, AB103
261. Bernstein, David et al.ARS-2, Low-Dose Intranasal Epinephrine, Improves Urticaria Scores in Patients with Frequent Urticaria Flares: Phase 2 Study Results. Journal of Allergy and Clinical Immunology, Volume 153, Issue 2, AB255
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263. Maurer, Marcus et al.Dupilumab Improves Dermatology-Specific Quality of Life in Patients with Chronic Spontaneous Urticaria Inadequately Controlled with H1 Antihistamines
Journal of Allergy and Clinical Immunology, Volume 153, Issue 2, AB3
264. de Kam, Pieter-Jan et al.Hypoallergenic Safety Profile of a Novel Virus-like Particle Vaccine for the Treatment of Peanut Allergy supported by Skin Prick Testing.Journal of Allergy and Clinical Immunology, Volume 153, Issue 2, AB125
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266. Dupilumab Significantly Improves Itch And Hives In Patients With Chronic Spontaneous Urticaria (Cupid Study C). Annals Of Allergy, Asthma & Immunology, Volume 133, Issue 6, S2
267. Cardiovascular Safety Of Intramuscular And Intranasal Epinephrine Administration Annals Of Allergy, Asthma & Immunology, Volume 133, Issue 6, S67
268. Significant Differences In Pharmacokinetic Profiles Among Epinephrine Products-What Is The Mechanism For Efficacy? Annals Of Allergy, Asthma & Immunology, Volume 133, Issue 6, S68
269. Pharmacokinetics And Pharmacodynamics Following Repeat Dosing Of Epinephrine Nasal Spray Versus Intramuscular Injection During Allergic Rhinitis Annals Of Allergy, Asthma & Immunology, Volume 133, Issue 6, S68
270. Blood Pressure And Pulse Rate Increases, Without Concomitant Epinephrine Increases, During Acute Allergic Reactions. Annals Of Allergy, Asthma & Immunology, Volume 133, Issue 6, S67
271. First-in-human VLP Peanut Vaccine Candidate: Safety and Tolerability Data from on-going Phase I/IIa Clinical Trial Oriel, Roxanne et al. Journal of Allergy and Clinical Immunology, Volume 155, Issue 2, AB446

272. Type 2 Biomarkers In Black And Latinx Adults With Severe Asthma: Results From The CHRONICLE Study Shakuntulla, Fnu et al.Journal of Allergy and Clinical Immunology, Volume 155, Issue 2, AB179

273. Total Nasal Symptom Scores Remain Consistent in Response to Repeated Nasal Allergen Challenges Ellis, Anne et al.Journal of Allergy and Clinical Immunology, Volume 155, Issue 2, AB153

274. Difference in Physiology Between Adults and Children in Response to Epinephrine Administration Greenhawt, Matthew et al.Journal of Allergy and Clinical Immunology, Volume 155, Issue 2, AB93

275. Pharmacokinetics of Epinephrine Nasal Spray under Various Conditions Fleischer, David et al.Journal of Allergy and Clinical Immunology, Volume 155, Issue 2, AB93

276. Comparison Of The Variability Of Peanut-Containing Products Used In Oral Immunotherapy For Peanut Allergy Casale, Thomas et al. Journal of Allergy and Clinical Immunology, Volume 155, Issue 2, AB130

277. Initial results from BEACON, a phase 1b/2a dose escalation study of the anti-c-Kit briquilimab antibody in adults with chronic spontaneous urticaria (CSU) Casale, Thomas et al. Journal of Allergy and Clinical Immunology, Volume 155, Issue 2, AB435

278. Dupilumab Improves Signs And Symptoms Of Chronic Spontaneous Urticaria Regardless Of Baseline Body Mass Index , Casale T et al. Journal of Allergy and Clinical Immunology Vol. 155 Issue 2S upplementAB190 Published in issue: February, 2025

279. Dupilumab Improves Itch And Urticaria Activity In Patients With Chronic Spontaneous Urticaria: Pooled Results From Two Phase 3 Trials (LIBERTY-CSU CUPID Study A and Study C), Casale T et al. Journal of Allergy and Clinical Immunology Vol. 155Issue 2SupplementAB428Published in issue: February, 2025

I. Special Invited Presentations

1. Casale, T.B.: "The Role of the Autonomic Nervous System in Allergic Diseases." Presented at the 11th Annual Clemens Von Pirquet Lecture Series "Mediators and Allergic Disease," held May 20, 1983 at the International Center for Interdisciplinary Studies of Immunology at Georgetown University, Washington, DC.

2. Casale, T.B.: "H1 and H2 Receptors in Various Tissues." Presented at the National Symposium on H1 and H2 Histamine Receptors, held December 7, 1983 at Brown University, Providence, RI.

3. Casale, T.B.: "Receptors and Physiology." Seminar presented at the 40th Annual Meeting of the American Academy of Allergy, Asthma and Immunology , Chicago, IL, March, 1984.

4. Casale, T.B.: "Adrenergic and Cholinergic Receptors and Atopy." Seminar presented at the 41st Annual Meeting of the American Academy of Allergy, Asthma and Immunology , New York, NY, March, 1985.

5. Casale, T.B.: Asthma: "Pathogenesis and Treatment." Presented at the Annual Meeting of the American Thoracic Society, Anaheim, CA, May, 1985.

6. Casale, T.B.: "Treatment of Patients with a History of Previous Adverse Allergic Reactions." Presented at Health Care Expo '85, Washington, DC., August, 1985.

7. Casale, T.B.: "Treatment of Nasal Disorders." Presented at University of Wisconsin Allergy and Immunology Update, Madison, WI, October, 1985.

8. Casale, T.B.: "Exercise-Induced Anaphylactic Syndromes." Internal Medicine Grand Rounds, University of Iowa, Iowa City, IA, January, 1986.

9. Casale, T.B.: "Bronchial Hyperreactivity: Neural Contributions." Symposium on Neural Regulation of the Airways in Health and Disease. Cancun, Mexico, February, 1986.

10. Casale, T.B.: "Adrenergic and Cholinergic Receptors and Atopy." Presented at the 42nd Annual Meeting of the American Academy of Allergy, Asthma and Immunology . New Orleans, LA, March, 1986.

11. Casale, T.B.: "Role of Cutaneous Mast Cells in Urticaria." Presented at the 42nd Annual Meeting of the American Academy of Allergy, Asthma and Immunology . New Orleans, LA, March, 1986.

12. Casale, T.B.: "Lung Beta and Muscarinic Receptors and Mast Cell Mediated Reactions." Internal Medicine Research Conference, University of Iowa, Iowa City, IA, October, 1986.

13. Casale, T.B.: "Neuromechanisms of Bronchial Hyperreactivity." Presented at University of Iowa CME meeting entitled, "Current Topics in Clinial and Pulmonary Immunology," Iowa City, IA, November 14, 1986.

14. Casale, T.B.: "Neuromechanisms of Bronchial Hyperreactivity." Presented at the 43rd Annual Meeting of the American Academy of Allergy, Asthma and Immunology . Washington, DC., February, 1987.

15. Casale, T.B.: "Exercise-Induced Anaphylaxis." Emergency Treatment Center Grand Rounds, University of Iowa, Iowa City, IA, August, 1987.

16. Casale, T.B.: "Exercise-Induced Anaphylactic Syndromes." Presented at University of Iowa CME Meeting entitled, "Current Topics in Clinical and Pulmonary Immunology," Iowa City, IA, October, 1987.

17. Visiting Professor and Invited Speaker, Department of Immunology, Rush Medical College, Chicago, IL, October 14-16, 1987.

18. Casale, T.B.: "Differentiation of Cholinergic Urticaria from Exercise-Induced Anaphylaxis." Presented at 44th Annual Meeting of the American Academy of Allergy, Asthma and Immunology , Anaheim, CA, March, 1988.

19. Casale, T.B.: "Neural Mechanisms of Bronchial Hyperreactivity." Presented at 44th Annual Meeting of the American Academy of Allergy, Asthma and Immunology , Anaheim, CA, March, 1988.

20. Casale, T.B.: "Bronchoalveolar Lavage Fluid Histamine Levels in Asthma." Invited lecture, SUNY, Syracuse, NY, March 25, 1988.

21. Casale, T.B.: "Airway Neuropeptides." Presented at the National Symposium on Nasal Function in Health and Disease, Providence, RI, April 13, 1988.

22. Visiting Professor and Invited Speaker, Division of Allergy and Immunology, Department of Internal Medicine, University of Wisconsin College of Medicine, Madison, WI, April 29, 1988.

23. Casale, T.B.: "Exercise-Induced Anaphylactic Syndromes" and "Bronchoalveolar Lavage and Asthma." Presented at Wisconsin State Medical Society Annual Meeting, Milwaukee, WI, April 30, 1988.

24. Casale, T.B.: "Bronchoalveolar Lavage and Asthma." Presented at the Annual Meeting of the American Thoracic Society, Las Vegas, NV, May, 1988.

25. Casale, T.B.: "Airway Neuropeptide" and "Exercise-Induced Anaphylactic Syndromes." Presented at Louisiana State Allergy Meeting, New Orleans, LA, June 25, 1988.

26. Casale, T.B.: "Neuropeptides: Nature, Function and Relation to Allergic Disease" and "H1 and H2 Antagonists in Therapy of Allergic Diseases." Presented at 11th National Conference on Pediatric/Adult Allergy and Clinical Immunology, Toronto, Canada, July, 1988.

27. Casale, T.B.: "Neuromechanisms of Asthma: You Gotta Lotta Nerve to Wheeze." Internal Medicine Grand Rounds, University of Iowa, Iowa City, IA, August 25, 1988.

28. Casale, T.B.: "Bronchoalveolar Lavage Studies in Asthma." Presented at the Nebraska State Allergy Society Meeting, Omaha, NE, September 6, 1988.

29. Casale, T.B.: "Exercise-Induced Anaphylactic Syndromes." Internal Medicine Grand Rounds, Creighton University, Omaha, NE, September 7, 1988.

30. Casale, T.B.: "Cholinergic Urticaria and Exercise-Induced Anaphylaxis." Presented at the Iowa State Dermatologic Society Meeting, Iowa City, IA, September 16, 1988.

31. Casale, T.B.: "Differential Diagnosis and Treatment of Rhinitis." Presented at University of Iowa CME Meeting entitled "Progress in Internal Medicine", Iowa City, IA, September 23, 1988.

32. Casale, T.B.: "Bronchoalveolar Lavage and Asthma." Presented at University of Iowa CMA Meeting entitled "Current Topics in Clinical and Pulmonary Immunology", Iowa City, IA, November 3, 1988.

33. Casale, T.B.: "Neuromechanisms of Asthma." Presented at the 42nd Annual Postgraduate Assembly of the New York State Society of Anesthesiologists, New York, NY, December 10, 1988.

34. Casale, T.B.: "Augmentation of LTB4-Induced Neutrophil Chemotaxis by Endothelial Cells: When Push Comes to Shove!" Presented at Department of Internal Medicine Research Conference, University of Iowa, Iowa City, IA, February 9, 1989.

35. Casale, T.B.: "Differentiation of Cholinergic Urticaria From Exercise-Induced Anaphylaxis." Presented at the 45th Annual Meeting of the American Academy of Allergy, Asthma and Immunology , San Antonio, TX, February, 1989.

36. Casale, T.B.: "Neural Mechanisms of Bronchial Hyperreactivity." Presented at the 45th Annual Meeting of the American Academy of Allergy, Asthma and Immunology, San Antonio, TX, February, 1989.

37. Casale, T.B.: "Mast Cell Mediators." Presented at the 45th Annual Meeting of the American Academy of Allergy, Asthma and Immunology, San Antonio, TX, February, 1989.

38. Casale, T.B.: "Use of Methacholine Challenge Testing in the Evaluation of Occupational Asthma." Presented at University of Iowa CME Meeting entitled, "Topics in Occupational Medicine," Iowa City, IA, March 31, 1989.

39. Casale, T.B.: "Neuromechanisms of Asthma." Internal Medicine Grand Rounds, Hines VA Medical Center, Maywood, IL, June 30, 1989.

40. Casale, T.B.: "Neural Mechanisms of Asthma." Presented at the Illinois Society of Allergy and Immunology Meeting, Chicago, IL, September 25, 1989.

41. Casale, T.B.: "The Many Faces of Rhinitis." Presented at the University of Wisconsin Allergy and Immunology Update, Madison, WI, October 12, 1989.

42. Casale, T.B.: "Neurohormones in the Mediation of Rhinitis and Asthma." Presented as a plenary lecture at the 46th Annual Meeting of the American College of Allergy and Immunology, Orlando, FL, November 11, 1989.

43. Casale, T.B.: "Neuromechanisms of Asthma." Presented as a plenary lecture at the 46th Annual Meeting of the American College of Allergy and Immunology, Orlando, FL, November 12, 1989.

44. Casale, T.B.: "Neural Mechanisms of Bronchial Hyperreactivity." Presented at the 46th Annual Meeting of the American Academy of Allergy, Asthma and Immunology, Baltimore, MD, March, 1990.

45. Casale, T.B.: "Airway Neuropeptides: The Reason for Wheezing?" Presented as a plenary lecture at the 46th Annual Meeting of the American Academy of Allergy, Asthma and Immunology, Baltimore, MD, March, 1990.

46. Casale, T.B.: "Neuromechanisms of Asthma." Presented at the Annual Meeting of the American Thoracic Society, Boston, MA, May, 1990.

47. Casale, T.B.: "Assessment of Airway Reactivity." Presented at Central States Occupational Medical Association Annual Meeting, Iowa City, IA, September 12, 1990.

48. Casale, T.B.: "Assessment of Airway Hyperresponsiveness." Presented at the University of Iowa CME meeting entitled, "Current Topics in Clinical and Pulmonary Immunology," Iowa City, IA, October 12, 1990.

49. Casale, T.B.: "Neurogeneic Mechanisms of Asthma." Presented at the Annual Meeting of the American College of Chest Physicians, Toronto, Canada, October 21, 1990.

50. Casale, T.B.: "Neural Mechanisms in Airway Hyperresponsiveness." Presented at the New York Allergy Society Annual Meeting, New York, NY, November 2, 1990.

51. Casale, T.B.: "Neurogenic and Non-Immunologic Mechanisms in Asthma Pathogenesis." Presented at the 47th Annual Meeting of the American College of Allergy and Immunology, San Francisco, CA, November 10, 1990.

52. Casale, T.B.: "Histamine." Presented at international meeting entitled, "The Role of the Mast Cell in Health and Disease," Key Biscayne, FL, December 6, 1990.

53. Casale, T.B.: Visiting Professor and Invited Speaker. Department of Allergy and Immunology, Mayo Clinics, Rochester, MN, January 14-15, 1991.

54. Casale, T.B.: "Neural Mechanisms of Bronchial Hyperreactivity." Presented at the 47th Annual Meeting of the American Academy of Allergy, Asthma and Immunology , San Francisco, CA, March, 1991.

55. Casale, T.B.: "Neural Mediators of Asthma." Presented at the 47th Annual Meeting of the American Academy of Allergy, Asthma and Immunology , San Francisco, CA, March, 1991.

56. Casale, T.B.: "Pathogenesis of Urticaria." Presented at the 47th Annual Meeting of the American Academy of Allergy, Asthma and Immunology , San Francisco, CA, March, 1991.

57. Casale, T.B.: "Asthma: Disease or Syndrome?" Presented at the Annual Meeting of the American Thoracic Society, Anaheim, CA, May, 1991.

58. Casale, T.B.: "Mast Cell Mediators and Asthma." Presented at the Annual Meeting of the American Thoracic Society, Anaheim, CA, May, 1991.

59. Casale, T.B.: "Overview of Airway Neuropeptides in the Pathogenesis of Asthma." Presented at the Annual Meeting of the American Thoracic Society, Anaheim, CA, May, 1991.

60. Casale, T.B.: "Histamine and Antihistamines." Presented at the University of Iowa CME meeting entitled, "Current Topics in Clinical and Pulmonary Immunology," Iowa City, IA, September 27, 1991.

61. Casale, T.B.: "Lung Inflammation: A Moving Tale of Mast Cell Attraction for Granulocytes." Presented at Department of Internal Medicine Research Conference, University of Iowa, Iowa City, IA, February 27, 1992.

62. Casale, T.B.: "Neural Mechanisms of Bronchial Hyperreactivity." Presented at the 48th Annual Meeting of the American Academy of Allergy, Asthma and Immunology , Orlando, FL, March, 1992.

63. Casale, T.B.: "National Asthma Report: Diagnosis and Management." Presented at the Annual Meeting of the American College of Physicians, San Diego, CA, March 28, 1992.

64. Casale, T.B.: "Neuropeptides and Allergy." Presented at the 15th Annual Meeting of the European Congress of Allergology and Clinical Immunology, Paris, France, May 11, 1992.

65. Casale, T.B.: "Mast Cells and Asthma." Presented at the Annual Meeting of the American Thoracic Society, Miami Beach, FL, May, 1992.

66. Casale, T.B.: "Lymphocytes, Mast Cells and the Attraction/Activation of Granulocytes." Presented at the Annual Meeting of the American Thoracic Society, Miami Beach, FL, May 1992.

67. Casale, T.B.: "Diagnosis and Management of Asthma." Iowa Lutheran Hospital Grand Rounds, Des Moines, IA, September 24, 1992.

68. Casale, T.B.: "Idiopathic Urticaria." Mercy Hospital, Iowa City, IA, September 30, 1992.

69. Casale, T.B.: "Current Concepts in the Diagnosis and Management of Asthma: Review of NHLBI Expert Panel Report." Presented at Progress in Internal Medicine Course, University of Iowa, IA City, October 10, 1992.

70. Casale, T.B.: Visiting Professor at Rush Medical College, Rush Medical College, Internal Medicine Grand Rounds: "Neuromechanisms of Asthma," and Grant Hospital Grand Rounds, "Diagnosis and Management of Asthma." Chicago, IL, October 16, 1992.

71. Casale, T.B.: "Current Concepts in the Diagnosis and Management of Asthma: Review of NHLBI Expert Panel Report." Covenant Medical Center, Waterloo, IA, February 2, 1993.

72. Casale, T.B.: "Current Concepts in the Diagnosis and Management of Asthma: Review of NHLBI Expert Panel Report." Refresher Course in Family Practice, University of Iowa, Iowa City, IA, March 9, 1993.

73. Casale, T.B.: "Controversies in Asthma Management." Presented at the 49th Annual Meeting of the American Academy of Allergy, Asthma and Immunology , Chicago, IL, March 13, 1993.

74. Casale, T.B.: "Adult Asthma, COPD/Bronchitis." Presented at the Literature Review for the 1993 American Board of Allergy and Immunology Exam, Chicago, IL, April 16, 1993.

75. Casale, T.B.: "Mechanisms of Leukocyte Recruitment in Chronic Bronchitis and Asthma." Presented at the Annual Meeting of the American Thoracic Society, San Francisco, CA, May 19, 1993.

76. Casale, T.B.: "Allergic Models and Cytokines." Presented at Workshop on Asthma and Bronchial Inflammation entitled, "Advance in Airways Disease Research," Monterey, CA, May 21, 1993.

77. Casale, T.B.: "The Mast Cell, Its Mediators and Asthma," and "Urticaria." Presented at Washington University School of Medicine course entitled "State of the Art Clinical Symposium on Allergic Diseases," St. Louis, MO, June 17, 1993.

78. Casale, T.B.: "Urticaria - So What's New?" Presented at the North Central Allergy Society Meeting, Iowa City, IA, June 19, 1993.

79. Casale, T.B.: "Anaphylaxis and Allergic Emergencies." Presented at University of Iowa Department of Medicine Emergency Lecture Series, Iowa City, IA, August 18, 1993.

80. Casale, T.B.: "Neuromechanisms of Asthma," and "Urticaria and Angioedema." Presented at National Jewish Center for Immunology and Respiratory Medicine course entitled "A Comprehensive Review in Adult and Pediatric Allergy/Immunology," Denver, CO, August 27 and 28, 1993.

81. Casale, T.B.: "Current Concepts in Asthma Therapy." Presented at 1993 Physician's Asthma Update. Sponsored by American Lung Association of Illinois in Bettendorf, IA, September 29, 1993.

82. Casale, T.B.: "Allergic and Non-Allergic Rhinitis: Diagnosis." Presented at American Academy of Family Practice Annual Meeting in Orlando, FL, October 6, 1993.

83. Casale, T.B.: "Recent Trends in Asthma - Update on Pathophysiology." Presented at Changing Concepts in Asthma Therapy: Consensus and Controversy Regional Conference in Cambridge, MA on October 27, 1993.

84. Casale, T.B.: "Pharmacologic Modulation of the Allergic Process." Presented at American College of Allergy and Immunology Annual Meeting in Atlanta, GA on November 14, 1993.

85. Casale, T.B.: "Neuromechanisms of Asthma." Presented at American Thoracic Society Meeting entitled, "Asthma: Challenging Issues in Pathogenesis and Treatment." Orlando, FL, January 8, 1994.

86. Casale, T.B.: "Neural Mechanisms of Asthma." Presented at Western Society of Allergy and Immunology in Mauni Laui, HI on January 25, 1994.

87. Casale, T.B.: "Urticaria and Angioedema: Are We Missing Anything?" Presented at Western Society of Allergy and Immunology in Mauni Laui, HI on January 27, 1994.

88. Casale, T.B.: "Differential Diagnosis and Treatment of Rhinitis." Presented at 1994 University of Iowa College of Medicine Refresher Course for the Family Physician on March 2, 1994, in Iowa City, IA.

89. Casale, T.B., Lemanske, R.F.: "Controversies in Asthma Therapy." Presented as seminar at American Academy of Allergy, Asthma and Immunology in Anaheim, CA on March 5, 1994.

90. Casale, T.B.: "Asthma: Differential Diagnosis and Therapy." Presented at Family Practice Clinical Lecture Series in Iowa City, IA on March 30, 1994.

91. Casale, T.B.: "Granulocyte Transcellular Migration: Effects of TNFα: A New Factor of Allergy." Presented at Interdisciplinary Graduate Program in Immunology, Iowa City, IA on April 13, 1994.

92. Casale T.B.: "Safety of Beta-Agonist Therapy for Asthma." Presented at Glaxo Investigator's Meeting, Nashville, TN on April 19, 1994.

93. Casale, T.B.: American College of Allergy and Immunology Visiting Professor, "Neurogenic Control of Inflammation and Airway Function," Department of Internal Medicine Grand Rounds, and "TNFα-Induced Neutrophil and Eosinophil Transcellular Migration," Research Conference at West Virginia University School of Medicine, Morgantown, WV, April 28-29, 1994.

94. Casale, T.B.: "Introduction to Asthma from an Allergist's Perspective," Post-Graduate Course Speaker, ALA/ATS International Conference, Boston, MA, May 21, 1994.

95. Casale, T.B.: American College of Allergy and Immunology Visiting Professor, "Granulocyte Transcellular Migration by TNFα: The New Factor of Allergy," Research Seminar and "Neurogenic Control of Inflammation and Airway Function in Asthma," Department of Internal Medicine Grand Rounds, University of Nebraska, Omaha, NE, June 2, 1994.

96. Casale, T.B.: "The Runny Nose: Allergies, Cold and What 'Snot'" and "Ask Your Allergist," Invited Speaker and Program Chair, 1994 National Association of School Nurses Annual Conference, Orlando, FL, July 1, 1994.

97. Casale, T.B.: "Neuromechanisms of Asthma," Invited Speaker, Greater Houston allergy Society, Houston, TX, September 21, 1994.

98. Casale, T.B.: Visiting Professor, "Mast Cells and Asthma Pathogenesis," Department of Internal Medicine Grand Rounds, University of Texas Medical Branch at Galveston, Galveston, TX, September 22, 1994.

99. Casale, T.B.: Visiting Professor, "TNFα and Granulocyte Transcellular Migration: Insights into Allergic Lung Inflammation," Research Conference, Baylor University, Houston, TX, September 22, 1994.

100. Casale, T.B.: Visiting Professor and Invited Speaker, "Exercise Induced Anaphylactic Syndrome," San Antonio Allergy Society, San Antonio, TX, October 6, 1994.

101. Casale, T.B.: Visiting Professor, "In vitro Model of Airway Inflammation," Research Conference, and "Neuromechanisms of Asthma," Department of Internal Medicine Grand Rounds, Wilford Hall Medical Center, San Antonio, TX, October 7, 1994.

102. Casale, T.B.: Invited Speaker, "Current Concepts in Asthma Therapy," Iowa PA Society Conference, Holiday Inn, Iowa City, IA, October 28, 1994.

103. Casale, T.B.: "Leukotriene-Mediated Asthma" in New Modalities in Asthma: Clinical Relevance, Post-Graduate Symposium speaker at American Academy of Allergy, Asthma and Immunology Annual Meeting in New York City, NY, Feb. 26, 1995.

104. Casale, T.B. and Lemanske, R.F.: "Controversies in Asthma Therapy." Presented as seminar at American Academy of Allergy, Asthma and Immunology in Anaheim, CA on March 1, 1995.

105. Casale, T.B.: "Diagnosis and Management of Asthma," 1995 Spring Office Nurse Conference, Iowa City, IA, March 10, 1995.

106. Casale, T.B.: "Reactive Airway Disease: New Concepts in Diagnosis and Treatment of Asthma," speaker at 4th Annual Comprehensive Lung Health Conference, St. Louis, MO, March 23, 1995.

107. Casale, T.B.: "Exercise-Induced Anaphylactic Syndromes" speaker at St. Louis Allergy Society, St. Louis, MO, March 23, 1995.

108. Casale, T.B.: Visiting Professor, "Mast Cells: The Reason for Wheezing," St. Louis University, Internal Medicine Grand Rounds, St. Louis, MO, March 24, 1995.

109. Casale, T.B.: Participant, on Asthma Education Steering Committee, sponsored by Discovery International, a provider of the ACCME to develop medical education programs, Chicago, IL, May 2 and October 13, 1995.

110. Casale, T.B.: "Asthma: The Established Drugs." Presented at Postgraduate course at the American Thoracic Society Annual Meeting, Seattle, WA, May 23, 1995.

111. Casale, T.B.: Visiting Professor, "The Inflammatory Component of Asthma," CME program at Research Medical Center, Kansas City, MO, May 31, 1995.

112. Casale, T.B.: Speaker and Session Moderator: "Mediators as Inflammatory Effectors"-Joint Conference (Asthma '95 Theory to Treatment) Sponsored by the American Academy of Allergy & Immunology and the American Thoracic Society, Chicago, IL, July 16, 1995.

113. Casale, T.B.: Visiting Professor: "Exercise-Induced Anaphylactic Syndrome" and "Neuromechanisms of Asthma," Alabama Society of Allergy & Immunology, Destin, FL., August 12-13, 1995.

114. Casale, T.B.: Visiting Professor: "Role of Leukotrienes in Asthma," Washington, D.C. Allergy Society, Washington, DC, September 14, 1995.

115. Casale, T.B.: Speaker: "Diagnosis and Management of Asthma in the School Aged Child." Presented at 21st Annual School Nurse Conference, Highlander Inn, Iowa City, IA, September 29, 1995.

116. Casale, T.B.: Speaker: "Leukotrienes and Asthma." Presented at Current Topics in Clinical and Pulmonary Immunology Conference, College of Medicine, University of Iowa, Iowa City, IA, October 20, 1995.

117. Casale, T.B.: Visiting Professor: "Therapeutic Issues in the Management of Asthma," CME Meeting, Daytona Beach, FL., November 16, 1995 & "Differential Diagnosis and Treatment of Asthma," Medicine Grand Rounds, Halifax Med. Ctr., Daytona Beach, FL., November 17, 1995.

118. Casale, T.B.: Presenter: "New Medications on the Horizon in the Treatment of Asthma," ALA/ATS Science Writers' Briefing, New York, NY, January 18, 1996.

119. Casale, T.B. and Lemanske, R.F.: "Controversies in Asthma Therapy." Presented as seminar at American Academy of Allergy, Asthma and Immunology Annual Meeting, New Orleans, LA, March 9, 1996.

120. Casale, T.B.: "Future Management of Asthma" and "Differential Diagnosis and Treatment of Rhinitis Syndromes": Presented at Conference Entitled "New Direction in the Management of Asthma and Allergy," Des Moines, IA and Omaha, NE, March 26 and 27, 1996.

121. Casale, T.B.: Speaker: "New Therapies for Asthma." Cleveland Allergy Society, Cleveland, OH, April 2, 1996.

122. Casale, T.B.: Speaker: "Neuromechanisms of Asthma" for a Post-Graduate Course Entitled "Asthma Update: Pathogenesis and Therapy," at the American Thoracic Society Annual Meeting, New Orleans, LA, May 11, 1996.

123. Casale, T.B.: "Histamine & Antihistamines". Methodist Hospital, Grand Rounds, Des Moines, Iowa, August 26, 1996.

124. Casale, T.B.: "Anaphylaxis.", University of Nebraska Medical School, Department of Family Practice, Grand Rounds, Omaha, Nebraska, October 9, 1996.

125. Casale, T.B.: "New Therapies for Asthma". Presented at Colorado Allergy and Asthma Society Meeting, Denver, Colorado, February 11, 1997.

126. Casale, T.B.: "Tumor Necrosis Factor-Induced Granulocyte Transcellular Migration". Presented at Denver Allergy Grand Rounds at National Jewish Center for Immunology and Respiratory Disease, Denver, Colorado, February 12, 1997.

127. Casale, T.B., and Lemanske, R.F.: "Controversies in Asthma Therapy". Presented as a seminar at American Academy of Allergy, Asthma and Immunology Annual Meeting, San Francisco, California, February 25, 1997.

128. Casale, T.B.: "Future Therapies for Asthma". Presented at Post-Graduate Course Entitled "Update on Asthma Management Issues", at the American Thoracic Society Annual Meeting, San Francisco, California, May 17, 1997.

129. Casale, T.B.: "Asthma Therapies of the Future". Presented as American Academy of Allergy, Asthma and Immunology Distinguished Lecture at the Annual Meeting of the American College of Osteopathic Internists, Toronto, Canada, September 18, 1997.

130. Casale, T.B.: "Neurogenic Inflammation and Asthma: Abnormal Autonomic Nervous System Responses and Asthma" at the XVI International Congress of Allergology and Clinical Immunology, Cancun, Mexico, October 22, 1997.

131. Casale, T.B.: "The Pathophysiologic Implications of the Lipoxygenase Products in Asthma" at the American College of Allergy, Asthma and Immunology Annual Meeting in San Diego, California, November 9, 1997.

132. Casale, T.B.: "Diagnosis and Differential Diagnosis of Asthma" at Asthma Management in the Primary Care Setting: A Regional Postgraduate Course in Princeton, New Jersey, December 10, 1997.

133. Casale, T.B.: "Management Issues in Chronic Asthma" at Asthma Management in the Primary Care Setting: A Regional Postgraduate Course in Princeton, New Jersey, December 10, 1997.

134. Casale, T.B.: "Future Therapies" at Asthma Management in the Primary Care Setting: A Regional Postgraduate Course in Princeton, New Jersey, December 10, 1997.

135. Casale, T.B.: "Asthma/Allergy Update of Drugs and Devices in the Development Process" at the Tenth Annual Allergy-Immunology Program for the Allied Health Professionals, American Academy of Allergy, Asthma and Immunology Annual Meeting in Washington, D.C., March 13, 1998.

136. Casale, T.B., and Lemanske, R.F.: "Controversies in Asthma Therapy: Role of Leukotriene Antagonists" Presented as a Seminar at the American Academy of Allergy, Asthma and Immunology Annual Meeting in Washington, D.C., March 15, 1998.

137. Casale, T.B.: "New Approaches in Asthma Management" at Strategies for Asthma Therapy in the Next Millenium in Springfield, Illinois on April 2, 1998, sponsored by the American Lung Association of Illinois.

138. Casale, T.B.: "Diagnosis and Differential Diagnosis of Asthma", "Management of Asthma", "Urticaria and Angioedema", and "Differential Diagnosis and Treatment of Rhinitis" as Visiting Professor to the Center for Family Medicine, Souix Falls, South Dakota, May 1, 1998.

139. Casale, T.B.: "Neuromechanisms Important in Asthma", Presented as a Plenary Session at the American College of Allergy, Asthma and Immunology Annual Meeting in Philadelphia, Pennsylvania, November 7, 1998.

140. Casale, T.B.: "Future Approaches to Therapy of Asthma", Presented as a Breakfast Symposium at the American College of Allergy, Asthma and Immunology Annual Meeting in Philadelphia, Pennsylvania, November 8, 1998.

141. Casale, T.B.: "Management Issues in Chronic Asthma", Presented at the Regional Asthma Conference in Mystic, Connecticut, on November 21, 1998.

142. Casale, T.B., Lemanske, R.F., Jr, and Wenzel, S.E.: "Controversies in Asthma Therapy: Role of Leukotriene Antagonists", Presented as a Seminar at the American Academy of Allergy, Asthma and Immunology Annual Meeting in Orlando, Florida, February 28, 1999.

143. Casale, T.B.: "Use of Leukotriene Modifiers for Rhinitis and Other Allergic Diseases". Presented at a Symposium at the American Academy of Allergy, Asthma and Immunology Annual Meeting in Orlando, Florida, March 2, 1999.

144. Casale, T.B.: "Strategies for Asthma Management in the New Millenium". Presented at the Nebraska Academy of Family Physicians Annual Scientific Assembly in Omaha, Nebraska, March 25, 1999.

145. Casale, T.B.: "Upper Respiratory Tract Diseases". Presented at the 11th Annual Pulmonary Fellows Symposium in San Diego, California, April 24, 1999.

146. Casale, T.B.: "Anaphylaxis". Presented at the 6th Annual Allergy Fellows Symposium in San Diego, California, April 24, 1999.

147. Casale, T.B.: "One Airway/One Disease?" Presented at a Symposium entitled "Relationship of Rhinitis to Asthma: United Airways?" at Asthma '99, Theory to Treatment, Honolulu, Hawaii, May 1, 1999.

148. Casale, T.B.: "Management Issues in Chronic Persistent Asthma". Presented at a University of Washington CME Course entitled "Hot Topics in Primary Care: New Approaches to Allergic Rhinitis, Asthma, Diabetes and Hepatitis" in Santa Fe, New Mexico, May 16, 1999.

149. Casale, TB: "Mometasone furoate: Delivery System Simplicity". Presented at XVI World Congress of Asthma in Buenos Aires, Argentina, October 18, 1999.

150. Casale, TB: "Future Perspectives on Asthma Treatment". Presented at XVI World Congress of Asthma in Buenos Aires, Argentina, October 20, 1999.

151. Casale, TB: "Goals of Therapy – Better Delivery for Better Treatment." Presented at American College of Allergy, Asthma and Immunology Annual Meeting in Chicago. IL, November 13,1999.

152. Casale, TB: "Neurogenic Mechanisms in Asthma and the Nose" Presented as a Meet The Professor Breakfast Seminar at American College of Allergy Asthma and Immunology Annual Meeting in Chicago IL, November 14, 1999.

153. Casale, TB: "Asthma Treatment Plans" Presented at the American Academy of Allergy Asthma And Immunology Chief Residents Program in Phoenix. AZ, November 20,1999.

154. Casale, TB: "Mechanisms of Asthma" Presented at the 8th Biennial Meeting of the Transpacific Allergy and Immunology Society, Waikoloa, HI, January 12, 2000.

155. Casale, TB: "Similarities and Differences in the Immunobiology of Asthma and Rhinitis" Presented at the 8th Biennial Meeting of the Transpacific Allergy and Immunology Society, Waikoloa, HI, January 13, 2000.

156. Casale, TB: "Future Therapies For Asthma" Presented at the 8th Biennial Meeting of the Transpacific Allergy and Immunology Society, Waikoloa, HI, January 14, 2000.

157. Casale, T.B.: "Overview of Asthma". Presented at a symposium at the American Academy of Allergy, Asthma and Immunology Annual Meeting in San Diego, CA, March 4, 2000.

158. Casale, T.B.: “Experiences with Monoclonal Antibodies in Allergic Mediated Disease: Seasonal Allergic Rhinitis”. Presented at a symposium at the American Academy of Allergy, Asthma and Immunology Meeting in San Diego, CA, March 5, 2000.

159. Casale, T.B.: “Allergic Rhinitis and Upper Rspiratory Tract Diseases”. Presented at the 12th Annual Pulmonary Fellows Symposium in Toronto, Canada, May 4, 2000.

160. Casale, T.B.: “Anti-IgE for the Therapy of Allergic Rhinitis”. Presented at a symposium at the American Thoracic Society Annual Meeting in Toronto, Canada, May 7, 2000.

161. Casale, T.B.: “Differential Diagnosis and Management of Urticaria/Angioedema”. Dermatology Grand Rounds at Cook County Hospital, Chicago, IL., June 19, 2000.

162. Casale, T.B.: “Anti-IgE therapy for asthma and allergic rhinitis.” Presented as a seminar at the American Academy of Allergy, Asthma and Immunology Meeting, New Orleans, LA, March 10, 2001.

163. Casale, T.B.: “The Differential Diagnosis and Management of Allergic Rhinitis”, Dinner/Lecture Presentation, Embassy Suites Old Market, Omaha, NE May 31, 2001.

164. Casale, T.B.: “Future Therapy: The Safety and Efficacy of Anti-IgE Therapy in the Child and Adult with Asthma”. State-of-the-Art Conference, National Institute of Health, sponsored by the National Jewish Medical and Research Center: Washington, D.C. June 18, 19, 2001.

165. Casale, T.B. “Effects of a Monoclonal Anti-IgE in Asthma” (as a session on Complex Issues in Atopy and Asthma) at the World Asthma Meeting in Chicago, IL. July 12, 2001.

166. Casale, T.B.: “Novel Therapies for Allergic Disease.” Symposium at the ACAAI Annual Meeting in Orlando, FL., Nov. 16, 2001.

167. Casale, T.B.: “Long-Term Follow-Up of Patients Receiving Anti-IgE Therapy for Asthma” Symposium at the ACAAI Annual Meeting in Orlando, FL., Nov. 16, 2001.

168. Casale, T.B.: “Future Developments: Anti-IgE, DNA, and Cytokines” (a plenary session on Immunotherapy: Defining Treatment Practices and Increasing Efficacy) at the ACAAI Annual Meeting in Orlando, FL., Nov. 19, 2001.

169. Casale,T.B.: “Anti-IgE Therapy for Allergic Disease”. Presented as a seminar at AAAA&I Annual Meeting, New York, NY March 2, 2002.

170. Casale, T.B.: “Anti-IgE Therapy for Asthma”. Presented at a symposium entitled “Complex Issues in Atopy and Asthma: IgE Bench to Bedside, AAAA&I Annual Meeting March 2, 2002, New York, NY.

171. Casale, T.B.: “New Vaccine-Based Approaches to Treating Allergic Diseases” Presented as a seminar at the AAAA&I Annual Meeting, March 4, 2002, New York, NY.

172. Casale, T.B.: “New Approaches to Treating Airway Inflammation”, Presented at a symposium entitled: A Look at the Future: The Management of Allergic Diseases, at the AAAA&I Annual Meeting, New York, NY March 5, 2002.

173. Casale, T.B.: “Immunotherapy: Past or Future Treatment?” Presented at University of Minnesota Allergy and Clinical Immunology 60th Annual Course, Radisson Hotel Metrodome, April 19, 2002.

174. Casale, T.B., Ballas, Z.K.: “Immunomodulation in the Treatment of Allergic Disease and Asthma: Caution or Full Speed Ahead”?, a debate at the 9th Annual Allergy Fellows Symposium, Atlanta, GA May 16, 2002.

175. Casale, T.B.: “Pathogenesis of Asthma”, Presented at Allergy/Immunology Grand Rounds, Visiting Professor, UMDNJ-New Jersey Medical School, May 23, 2002.

176. Casale, T.B.: “Advances in Immune Vaccine Therapies for Allergic Respiratory Diseases”, Presented at New Jersey Allergy Society, May 23, 2002.

177. Casale, T.B.: “Anti-IgE Therapy for Allergic Respiratory Disorders”, Presented at Pediatric Grand Rounds, UMDNJ-New Jersey Medical School, May 24, 2002.

178. Casale, T.B.: “New Immunomodulatory Treatments for Asthma”, Presented at Medicine Grand Rounds, UMDNJ-New Jersey Medical School, May 24, 2002.

179. Casale, T.B.: “Anti-IgE” Allergy/Immunology Grand Rounds, Creighton University, July 5, 2002.

180. Casale, T.B.: “Anti-IgE Therapy for Allergic Respiratory Diseases”. Internal Medicine Grand Rounds, Creighton University, September 4, 2002.

181. Casale, T.B.: “A Unified Approach to the Treatment of Rhinitis, Asthma and Other Allergic Diseases” presented at ACAI Annual Meeting, San Antonio, TX November 14, 2002.

182. Casale, T.B.: “Emerging Therapies for Allergic Respiratory Disorders: Overview of Immunomodulatory Strategies” presented at a Plenary Session of the ACAI Annual Meeting, San Antonio, TX November 16, 2002.

183. Casale, T.B.: “Sedation and Impairment: Implications on Patient Care and Function” Presented at “Current Concepts in Allergic Reactions: A Multidisciplinary Approach to Patient Management” NIH sponsored symposium, Bethesda, MD February 10, 2003.

184. Casale, T.B.: “Recommendations for Ethical Clinical Research” presented at Workshop at the AAAA&I Annual Meeting, March 8, 2003, Denver, CO.

185. Casale, T.B.: Anti-IgE Monoclonal Antibody: Its Use in Asthma and Other Allergic Diseases. Presented at the Clinical Allergy for the Practicing Physician colloquium, Washington University, St. Louis, MO., August 8, 2003.

186. Casale, T.B.: “Looking to the Future: Pharmacotherapy of Asthma & Allergic Disease”. Presented at the Clinical Allergy for the Practicing Physician colloquium, Washington University, St. Louis, MO., August 9, 2003.

187. Casale, T.B.: “Targeting IgE in the Treatment of Allergic Respiratory Disorders:Utility of Xolair (Omalizumab)”. Presented at Pediatric Grand Rounds, Childrens Hospital, Omaha, NE August 15, 2003.

188. Casale, T.B.: “IgE in Asthma”. A Presentation/lecture at the Ambulatory Care Curriculum conference, Department of Medicine, Creighton University, August 21, 2003.

189. Casale, T.B.: “Anti-IgE and Immunotherapy”. A presentation at a scientific program seminar at the World Allergy Organization (WAO) Congress, Vancouver, B.C., September 11, 2003.

190. Casale, T.B.: “ New Approaches to the Treatment of Asthma”. A presentation at a Parallel Symposia at the World Allergy Organization (WAO) Congress, Vancouver, B.C., September 12, 2003.

191. Casale, T.B.: “ Role of Anti-IgE in Asthma”. A presentation at the Illinois Society of Allergy, Asthma & Immunology, Chicago, IL, September 21, 2003.

192. Casale, T.B.: “New Treatments for Asthma”. A presentation at the Illinois Society of Allergy, Asthma & Immunology, Chicago, IL, September 21, 2003.

193. Casale, T.B.: “Onset of Action of Anti-IgE Effect”. A Presentation at the European Respiratory Society Annual Congress, Vienna, Austria, September 29, 2003.

194. Casale, T.B.: “Translating Biomedical Science to the Bedside”. A Presentation to 4th Year Medical Students, Educational Lecture series, Department of Medicine, Creighton University, October 7, 2003.

195. Casale, T.B.: “Writing a Paper”. A Presentation/Lecture in the Educational Lecture series, Department of Medicine, Creighton University, October 8, 2003.

196. Casale, T.B.: “Impairment Issues in Allergic Disorders and the Treatment Thereof”. A Presentation at the Southeastern Allergy, Asthma and Immunology Society Annual Meeting, Wild Dunes, Isle of Palms, South Carolina, October 17, 2003.

197. Casale, T.B.: “Anti-IgE Therapy for Allergic Disorders”. A Presentation at the Southeastern Allergy, Asthma and Immunology Society Annual Meeting, Wild Dunes, Isle of Palms, South Carolina, October 18, 2003.

198. Casale, T.: “Anti-IgE and Biologic Modifiers for Asthma and Other Allergic Disorders”. A Visiting Professor Presentation at Internal Medicine Grand Rounds, St. Louis University School of Medicine, St. Louis, MO October 24, 2003.

199. Casale, T.: “Current and Emerging Therapeutic Options for IgE-Mediated Diseases”. Presentation at the American College of Allergy, Asthma & Immunology (ACAAI) Annual Meeting, New Orleans, LA November 9, 2003.

200. Casale, T.: “Maintenance Of Certificate: How Did We Get Here and Where Are We Going?” Presented at a Plenary Lecture, American College of Allergy, Asthma & Immunology (ACAAI) Annual Meeting, New Orleans, LA. November 9, 2003.

201. Casale, T.: “The Real Truth About Omalizumab”. Presented at a Meet the Professor Session, American College of Allergy, Asthma & Immunology (ACAAI), New Orleans, LA., November 9, 2003.

202. Casale, T.: “Future Therapies for Asthma”. Presented at Internal Medicine Grand Rounds, CUSOM, January 7, 2004.

203. Casale, T.: “Anti-IgE: A Shot in the Dark?”. Presented at the 42nd Annual Scientific Session of the Western Society of Allergy, Asthma and Immunology, Oahu, Hawaii, January 29, 2004.

204. Casale, T.: " Treatment Strategies: Where Do We Start?". Presented at the 42nd Annual Scientific Session of the Western Society of Allergy, Asthma and Immunology, Oahu, Hawaii, January 31, 2004.

205. Casale, T.: "New Insights Into the Use of Anti-IgE for Allergic Respiratory Disorders". Presented to Virginia Allergy/Immunology Society, Richmond, VA, February 12, 2004.

206. Casale, T.: "Future Treatments for Allergic Repiratory Diseases". Presented at Virginia Commonwealth University Medical School Grand Rounds, Richmond, VA, February 13, 2004.

207. Casale, T.: "New Allergist/Immunologist-Advancing/Enhancing a Career in Allergy/Immunology". Presented at a Workshop at the AAAA&I Annual Meeting, San Francisco, CA March 20, 2004.

208. Casale, T.: "Anti-IgE for Allergic Disease: What's Next?" Presented at a Seminar at the AAAA&I Annual Meeting, San Francisco, CA March 21, 2004.

209. Casale, T.: "Therapeutic Advances from the Immune Tolerance Network/NIAID". Presented at a Symposium at the AAAA&I Annual Meeting, San Francisco, CA March 22, 2004.

210. Casale, T.: Update on Future Therapies for the Treatment of Asthma. Presented at the Clinical Update in Internal Medicine, Creighton University Medical Center Continuing Medical Education course for General Internists, Internal Medicine Subspecialists, Family Practitioners, Creighton Internal Medicine Alumni, Nurse Practitioners and Physician Assistants, April 17, 2004.

211. Casale, T.: "First Do No Harm: Managing Impairment in Allergic Disorders". Presented at a noon conference, Ehrling Bergquist Base Hospital/Clinics, Offutt AFB, Omaha, NE April 27, 2004.

212. Casale, T.: "Specific Considerations in the Use of Anti-IgE Therapy" presented at a mini symposium: Progress in the Development of Therapeutic Vaccines for Allergic Diseases, 18th Annual Update, Frontiers in Research and Clinical Management of Asthma and Allergy. Johns Hopkins Asthma and Allergy Center, Bethesda, MD May 1, 2004.

213. Casale, T.: "Use of Controller Therapy with Inhaled Steroids in Mild Persistent Asthma", Presented at an Asthma Mini Symposium: Rational Therapeutic Discussion, 18th Annual Update, Frontiers in Research and Clinical Managements of Asthma and Allergy, Johns Hopkins Asthma and Allergy Center, Bethesda, MD May 1, 2004.

214. Casale, T.: "Clinical Utility of IgE Blockade" Presented at a symposium of the 12th International Congress of Immunology, 4th Annual Conference of Federation of Clinical Immunology Societies, Montreal, Quebec July 18, 2004.

215. Casale, T.: "Anti-IgE Therapy: Clinical Efficacy" Presented at Session III, "New Treatments for IgE- mediated Disease" at the 22nd Annual Aspen Allergy Conference, July 30, 2004 Aspen, Colorado.

216. Casale, T.:"Anti-IgE: One Year Later" Presented at Department of Allergy/Immunology Grand Rounds, Walter Reed Army Hospital, Washington, DC, Sepbemter 23, 2004.

217. Casale, T.:"Anti-IgE: One Year Later" Presented at Greater Washington Asthma/Allergy Immunology Society Meeting, Washington, DC September 23, 2004.

218. Casale, T.: Allergy Immunotherapy Coadministered with Omalizumab. Presented at Allergy Grand Rounds, Visiting Professor, University of Wisconsin, Madison, Madison, WI, Oct. 15, 2004.

219. Casale, T.:Update on Anti-IgE Therapy. Presented to Wisconsin Allergy Society, Oct. 16, 2004.

220. Casale, T.: Future Directions in the Prevention and Treatment of Allergic Diseases. Presented to Wisconsin Allergy Society, Oct. 16, 2004.

221. Casale, T.: Imunotherapy Collegium II: Omalizumab and Immunotherapy. Presented at a Pre-Meeting of the American College of Allergy, Asthma & Immunology Annual Meeting, Boston, MA, November 11.

222. Casale, T.: Anti-IgE Monoclonal Antibody Administered with Immunotherapy. Presentation at the General Session: Affecting the Antibody – Stanislaus Jaros Lecture, American College of Allergy, Asthma & Immunology Annual Meeting, Boston, MA November 13, 2004.

223. Casale, T.: Managing Anti-histamine Impairment in Patients with Allergic Rhinitis. A presentation at the pre-conference symposium of the Combined Meeting on Allergy, Asthma and Immunology, Southwest Allergy Forum, Puerto Vallarta, Mexico, January 12, 2005.

224. Casale, T.: Anti-IgE as a Safety Umbrella for Seasonal or Rush Immunotherapy. A presentation at the Texas Allergy, Asthma & Immunology Society Section, at the Combined Meeting on Allergy, Asthma and Immunology, Southwest Allergy Forum, Puerto Vallarta, Mexico, January 15, 2005.

225. Casale, T.: Rush Immunotherapy: Novel Premedication Strategies to Prevent Adverse Events. A Presentation at Course #1304, at the AAAA&I Annual Meeting, San Antonio, TX, March 18, 2005.

226. Casale, T.: Management of Impairment in Patients With Allergic Disorders. Presented at the Sanofi-Aventis National Speakers Program, Chicago, IL., April 5, 2005.

227. Casale, T.: Anti-IgE As A Safety Umbrella For Allergen-Specific Immunotherapy. Presented at the Nebraska Allergy Society, Omaha, NE., April 11, 2005.

228. Casale, T.B.: Early-to-Late Inhibitory Molecules of Allergic Inflammation. Presentation at the Sister Society Symposium at the World Allergy Organization Annual Meeting, Munich, Germany. June 29, 2005.

229. Casale, T.B.: Anti-IgE Therapy. Presentation at Symposium #23, IgE Regulation Session, World Allergy Organization Annual Meeting, Munich, Germany. June 30, 2005.

230. Casale, T.B., Meltzer, E.: Practical Aspects of the Use of Omalizumab. Meet the Professor Session, ACAAI Annual Meeting, Anaheim, CA. November 6, 2005.

231. Casale, T.B.: Rethinking Asthma Control: What Is It and Can It Be Achieved? ACAAI Annual Meeting, Anaheim, CA. November 7, 2005.

232. Casale, T.B.: Anti-IgE Monoclonal Antibodies Imparts – Safety & Efficacy for Allergen Immunotherapy. Bay Area Allergy Society, San Francisco, CA. January 19, 2006.

233. Casale, T.B.: National Allergy/Immunology Coalition – FIT Symposium. AAAA&I Annual Meeting, Miami Beach, FL March 3, 2006.

234. Casale, T.B.: Targeting A Single Molecule Is Effective in Asthma Treatment. Pro/Con Debate with Rebuttal, at AAAA&I Annual Meeting, Miami Beach, FL March 7, 2006.

235. Casale, T.B.: "Omalizumab and Immunotherapy: A New Treatment Paradigm?" Presentation at Alan Cozort Allergy Society Dinner, Little Rock, AR April 3, 2006.

236. Casale, T.B.: "Pathogenesis and Novel Treatments for IgE-Mediated Allergic Asthma". Presentation at Pediatric Grand Rounds, Arkansan Children's Hospital, Little Rock, AR April 4, 2006.

237. Casale, T.B.: "Role of IgE in Inflammation and Asthma". Presentation at ARC Training Seminar, April 28, 2006, CUMC, Omaha, NE.

238. Casale, T.B.: "Anti-IgE Therapy: A Practical Approach". Presentation at ARC Training Seminar, April 28, 2006.

239. Casale. T.B.: "New Insights Into The Use of Anti-IgE Therapy for the Treatment of Allergic Disorders", Presentation at the University of Iowa Asthma Conference, Iowa City, IA., May 5, 2006.

240. Casale, T.B.: New Insights Into the Use of IgE Modulating Therapies. Presentation at Immunology Research Conference at University of South Florida, October 10, 2006.

241. Casale. T.B.: Omalizumab and Immunotherapy Combined for the Treatment of Allergic Diseases. Presentation to Tampa Area Allergy Society, October 10, 2006.

242. Casale, T.B.: Practical Aspects of the Use of Omalizumab. Meet the Professor Breakfast Presentation, American College of Allergy Immunology Annual Meeting, Philadelphia, PA. November 13, 2006.

243. Casale, T.B.: Observations on the Clinical Potential of Anti-IgE as a Preventive Therapy for Systemic Atopic Disease. What Patient Types Would Be Expected to Benefit Most from Anti-IgE Treatment If It Were Not Limited to Asthma. Presentation at the 45th Annual Scientific Session of the WSAAI Annual Meeting, Maui, Hawaii, January 15, 2007.

244. Casale, T.B.: Optimizing the Treatment of Allergic Asthma. Presentation at the 45th Annual Scientific Session of the WSAAI Annual Meeting, Maui, Hawaii, January 18, 2007.

245. Casale, T.B.: Conventional Immunotherapy: The Use of Omalizumab as an Adjunct to Immunotherapy. Presented at a symposium at the AAAA&I Annual Meeting, San Diego CA, Feb. 26, 2007.

246. Casale, T.B.: Optimizing Asthma Treatment. Presented at the Nebraska Academy of Allergy/Immunology, Omaha, NE, March 27, 2007.

247. Casale, T.B.: Anti-IgE Therapy for Rhinitis and Asthma. Presented at the Basic and Clinical Allergy Course, Imperial College, London, England, April 16, 2007.

248. Casale, T.B.: Clinical Aspects of IgE. Plenary Symposium at EAACI, Goteborg, Sweden, June 11, 2007.

249. Casale, T.B.: Can Omalizumab Synergize Immunotherapy? World Allergy Forum, EAACI, Goteborg, Sweden, June 12, 2007.

250. Casale, T.B.: Asthma: Moving Toward Control. A presentation to the Respiratory and Allergic Disease Society of Hawaii, Honolulu, HI July 10, 2007.

251. Casale, T.B.: Differential Diagnosis and Treatment of Allergic Rhinitis. A symposium – Hawaiian Physicians Society, Honolulu, HI July 10, 2007.

252. Casale, T.B.: State of the Science: Emerging Issues in Basic Asthma – Research Leading to Optimal Treatment of Allergic Asthma. Hawaiian Physicians Society, Honolulu, HI, July 10, 2007.

253. Casale, T.B.: Update on Omalizumab/Anti-IgE Therapy. Presentation at Southeastern Allergy, Asthma and Immunology Society Annual Meeting, Williamsburg, VA October 5, 2007.

255. Casale, T.B.: The Future of SIT is in Better Adjuvants (CpG, anti-IgE etc.) Presentation at World Allergy Congress, Bangkok, Dec. 2, 2007.

256. Casale, T.B., Lanier, R.Q.: Anti-IgE in Asthma and Rhinitis. Breakfast seminar presentation, World Allergy Congress, Bangkok, Dec. 3, 2007.

257. Casale, T.B.: Anti-IgE – A Role in Immunotherapy Beyond Asthma. Presentation at the Biotherapeutics Symposium, World Allergy Congress, Bangkok, Dec. 3, 2007.

258. Casale, T.B.: Epidemiology (Asthma, Rhinitis, Upper Airways, Urticaria & Anaphylaxis) Break out session , EAACI and AAAAI PRACTALL 2008 meeting, Barcelona, Spain. February 15, 2008.

259. Casale, T.B.: Epidemiology, summing up (Asthma, Rhinitis and Upper Airways) at a break-out session at the EACCI and AAAAI PRACTALL 2008 meeting, Barcelona, Spain, February 15, 2008.

260. Casale, T.B.: Introduction - "Bronchoconstriction, Allergy and Asthma in Sports and Exercise". Presentation (in a meeting format) of previous working documents from group members of PRACTALL 2008, EAACI and AAAA&I PRACTALL 2008 meeting, Barcelona, Spain, February 15, 2008.

261. Casale, T.B.: Asthma Treatment. Break-out session at EAACI and AAAAI PRACTALL 2008 meeting, Barcelona, Spain, February 16, 2008.

262. Casale, T.B.: "New Biologics for the Treatment of Allergic Diseases" Invited speaker at the Southeastern Allergy Society dinner, Louisville, KY, April 9, 2008.

263. Casale, T.B.: "Urticaria and Angioedema Update" Presentation at University of Louisville School of Medicine noon conference. Louisville, KY April 10, 2008.

264. Casale, T.B. "Why Patients Do Not Respond to the Asthma Therapies". Presentation as Visiting Professor at University of Louisville Grand Rounds, Louisville, KY., April 10, 2008.

265. Casale, T.B.: “Approaches to Immunomodulation in Allergic Diseases” – Presentation at the afternoon session, American Thoracic Society, Toronto, Canada , May 15, 2008.

266. Casale, T.B.: Invited Chair of Session # 5 “Collaboration between AAAAI and NIH for building capacity to control asthma. Can this experience be shared with other countries?” at the World Health Organization (WHO) Annual Congress, May 31, 2008, Istanbul, Turkey.

267. Casale, T.B.: Immunomodulators for Allergic Diseases. Presentation at the 15th Annual Norman A. Sterrie Allergy Lecture, Park Nicollet Clinic, St Louis Park, MN, Oct. 7, 2008.

268. Casale, T.B.: “Practical Aspects of Immunomodulators for Allergic Diseases”. Meet the Professor Breakfast, Sunday , November 9, 2008 at the American College of Allergy, Asthma and Immunology annual meeting, Seattle, WA.

269. Casale TB: Immunomodulators: Novel Approaches to the treatment of asthma and allergic diseases. Presentation at the Broward County Medical Society, Ft. Lauderdale, FL., February 20, 2009.

270. Casale, T.B.: “Translational Research in Asthma: Panel Discussion” Workshop presentation at the American Academy of Allergy, Asthma & Immunology Annual Meeting, Washington, DC, March 14, 2009.

271. Casale, T.B.: ADT Interest Section Forum “Pro/Con Debate: All Conflicts of Interest in the Relationship of Industry and Academia Should be Avoided”, at the American Academy of Allergy, Asthma & Immunology Annual Meeting, Washington DC, March 15, 2009.

272. Casale, T.B.: “Effects of Allergen Immunotherapy and Omalizumab on Molecular and Cellular Mechanisms of Inflammation”, at a Symposium at the American Academy of Allergy, Asthma & Immunology Annual Meeting in Washington, DC, March 17, 2009.

273. Casale, T.B.: Basic Immunology of Allergic and Immunologic Diseases. Presentation at the First Middle East-Asia Allergy Asthma Immunology Congress, Dubai Festival City, Dubai, United Arab Emirates, March 26-29, 2009.

274. Casale, T.B.: Allergic Conjunctivitis. Fall Symposium Program, Los Angeles Society of Allergy, Asthma and Clinical Immunology (LASAACI) meeting, Los Angeles, CA September 26, 2009.

275. Casale, T.B.: Chronic Rhinosinusitis and Nasal Polyposis. Fall Symposium Program, Los Angeles Society of Allergy, Asthma and Clinical Immunology (LASAACI) meeting, Los Angeles, CA September 26, 2009.

276. Casale, T.B.: Conflict of Interest and Integrity in Academics and Practice. Panel discussion at the New England Society of Allergy Fall Meeting, Boston, MA., October 24, 2009.

277. Casale, T.B.: Use of Immunomodulators for Asthma and Other Allergic Diseases. The Monroe Coleman Memorial Lecture, New England Society of Allergy Fall Meeting, Boston, MA., October 25, 2009.

278. Casale, T.B.: Potential Non-Asthma Uses for Anti-IgE Monoclonal Antibody Therapy. New England Society of Allergy Fall Meeting, Boston, MA., October 25, 2009.

279. Casale, T.B.: Asthma genotypes and the environment: Can we explain why patients have a variable response to different pharmacotherapies? Presented at the ACAAI Annual Meeting, session: Asthma Heterogeneity: Asthma is Not a Cookie-Cutter Disease, November 8, 2009, Miami Beach, FL.

280. Casale, T.B.: Severe asthma in adults. Presentation at the Meet the Professor Breakfast, ACAAI Annual Meeting, Miami Beach, FL, November 8, 2009.

281. Casale, T.B.: Unmet Needs and Future Perspectives. Presented at a Special Session, World Health Organization (WHO) Working Group "WHO definition of severe/uncontrolled asthma". At the XXI World Allergy Congress, December 9, 2009, Buenos Aires, Argentina.

282. Casale, T.B.: " Immunomodulators for Asthma". At the Sister Society Symposium "Immunomodulators", at the XXI World Allergy Congress, December 9, 2009, Buenos Aires, Argentina.

283. Casale, T.B.: Tenure vs Non-Tenure Track. FIT Lunch Symposium, AAAAI Annual Meeting, New Orleans, LA February 26, 2010.

284. Casale, T.B.: How cells respond to immunotherapy changing their genetic expression. Symposium presentation at AAAAI Annual Meeting, New Orleans, LA February 28, 2010.

285. Casale, T.B.: Reports from the WAO-SLIT Summit 2009 at the AAAAI Annual Meeting, New Orleans, LA, March 1, 2010.

286. Casale, T.B.: Immunotherapy in Allergic Rhinitis/Asthma. Jerry Dolovich MD, Memorial Lectureship, 27th Annual Symposium Allergy Update 2010 - Toronoto, Ontario April 17, 2010.

287. Casale, T.B.: Anti-IgE Role in Allergic Rhinitis and Asthma. 27th Annual Symposium, Allergy Update 2010 – Toronto, Ontario, April 17, 2010.

288. Casale, T.B.: Immunomodulatory Therapy in Allergic Diseases. Andrew Grant, MD, Honorary Lectureship, 12th Annual TAAIS Allergy for the Allergist Program, Ft. Worth, TX May 1, 2010.

289. Casale, T.B.: Co-Chair of the AAAAI Symposium – Alternative Treatment Options for Allergic and Immunologic Conditions: What is the Data? Monday, June 8, 2010 EAACI Annual Meeting, London, England.

290. Casale, T.B.: Inhaled Corticosteroid/Long Acting Beta Adrenergic Agonists vs Inhaled Corticosteroids for Persistent Asthma. AAAAI Symposium, Monday, June 8, 2010, EAACI Annual Meeting, London, England.

291. Casale, T.B.: FDA Labeling Requirements for Omalizumab. HEDQ Interest Section Forum: Asthma Therapies and the FDA. Presentation at the AAAAI Annual Meeting, Sunday, March 20, 2011, San Francisco, CA.

292. Casale, T.B.: Complementary and Alternative Medicine is Useful Adjunctive Therapy for Allergic Disorders. Pro/Con Debate at AAAAI Annual Meeting, Tuesday March 22, 2011, San Francisco, CA.

293. Casale, T.B.: Physiology of Small Airway Disease. WAO Symposium, EAACI Annual Meeting, Istanbul, Turkey June 12, 2011.

294. Casale, T.B.: Asthma Biophysiology. Keynote Guest Lecture, Clinical Allergy for the Practicing Physician, Washington University, St. Louis, MO. August 12, 2011.

295. Casale, T.B.: Update on Omalizumab. Keynote Guest Lecture, Clinical Allergy for the Practicing Physician, Washington University, St. Louis, MO August 13, 2011.

296. Casale, T.B.: Asthma update on the practice parameters. A presentation at the Asthma and Allergy Foundation of America, Alaska Chapter's 6th Annual Asthma and Allergy Conference, September 24, 2011, Anchorage, AK.

297. Casale, T.B.: Vitamin D: The role in allergy and asthma. A presentation at the Asthma and Allergy Foundation of America, Alaska Chapter's 6th Annual Asthma and Allergy Conference, September 24, 2011.

298. Casale, T.B.: Immunomodulators for Allergic Diseases. Presentation at the Gail G. Shapiro Memorial Lecture, 2011 Northwest Allergy Forum, October 22, 2011, Portland OR.

299. Casale, T.B.: Small Airway Disease in Asthma: How to Assess and is it Important? Northwest Allergy Forum, October 22, 2011, Portland, OR.

300. Casale T.B.: Adjuvants, Allergoids and Immunomodulators. Presented at the Immunotherapy Conference, American College of Allergy, Asthma, Immunology Annual Meeting, November 2, 2011, Boston, MA.

301. Casale T.B.: Immune Tolerance – Diet and Supplement Intervention. American College of Allergy, Asthma and Immunology Annual Meeting, November 4, 2011, Boston, MA.

302. Casale, T.B.: Pleotropic Effects of IgE inhibition. Molecular pathways and treatment strategies in asthma and COPD, Southampton, UK, February 16, 2012.

303. Casale, T.B.: Future of Inhalant Allergen Immunotherapy. Presented at course: At the Allergy Diagnostics and Immunotherapy: Nuts, Bolts, the Science and the Art (Part 2) course 1605, AAAA&I Annual Meeting, Orlando Fl., March 2, 2012.

304. Casale, T.B.: What is IgE? at the AAAA&I Annual Meeting, Orlando, FL, March 3, 2012.

305. Casale, T.B.: Overview of Asthma IQ Program. Presentation at Hands-on Workshop: Achieving Part IV MOC Credit Using the ASTHMA IQ Module, AAAA&I Annual Meeting, Orlando, FL, March 3, 2012.

306. Casale, T.B.: LABAs: The Good, Bad and Ugly. Presentation at a symposium: Evidence-based approach to asthma step down: ICS or LABA course, AAAA&I Annual Meeting, Orlando, FL, March 6, 2012.

307. Casale, T.B.: New therapeutic targets for allergic diseases. Presentation at the Allergic Disease Forum, April 28, 2012, Tokyo, Japan.

308. Casale,T.B.: Management of refractory chronic urticaria. Presentation at Medical Grand Rounds, 40th Annual 2012 KAAACI Annual International Congress and East Asia Allergy Symposium, Seoul Korea, May 25, 2012.

309. Casale, T.B.: The clinical management of HDM allergic disease – what does the evidence show? Presentation at Hot Topic 1 – Company Sponsored Symposium, EAACI Annual Meeting, Geneva, June 17, 2012.

310. Casale, T.B.: Future Immunotherapies for Allergic Diseases. Long Island Allergy and Asthma Society 19th Annual Meeting, Montauk, NY September 8, 2012.

311. Casale, T.B.: Complementary and Alternative Therapies for Asthma and Allergies. Long Island Allergy and Asthma Society 19th Annual Meeting, Montauk NY, September 9, 2012.

312. Casale, T.B.: Presidential Plenary: Immune tolerance and allergy: Can we produce true tolerance? Presentation at AAAA&I 2013 Annual Meeting, San Antonio TX, February 23, 2013.

313. Casale, T.B.: Molecular Allergy: Emerging concepts for the practicing allergist: Relevant Sensitizing Allergens and Optimizing SLIT. Presentation at AAAA&I Annual Meeting, San Antonio TX, February 25, 2013.

314. Casale, T.B.: Allergen Immunotherapy or Omalizumab in Asthma: When to Use Which? Leader, Primary Discussion session at AAAA&I 2013 Annual Meeting, San Antonio TX, February 25, 2013.

315. Casale, T.B.: Biologicals in the 21st Century. Presentation at Novel Treatments of the 21st Century Session, at the World Immune Regulation Meeting VII March 15, 2013, Davos, Switzerland.

316. Casale, T.B.: Role of RGS2 in the pathogenesis of airway hyperrresponsiveness in asthma and COPD. Immunology Visiting Professor presentation at Cleveland Clinic, Cleveland, OH June 4, 2013.

317. Casale, T.B.: Immune Modulators. Presentiation at Rheumatology Morning Conference, Cleveland Clinic, Cleveland, OH June 5, 2013.

318. Casale, T.B.: Case Presentation with Fellows at Cleveland Clinic, Cleveland, OH June 5, 2013.

319. Casale, T.B.: Future of Allergy. Presentation to Cleveland Allergy Society, Nighttown, OH June 5, 2013.

320. Casale TB. Urticaria and Angioedema: How to make rash decisions! Internal Medicine Grand Rounds. USF Morsani College of Medicine. February, 2014.

321. Casale TB. Allergen Immunotherapy or Omalizumab in Asthma. Presented as a seminar at the American Academy of Allergy Asthma and Immunology meeting, March, 2014. San Diego.

322. Casale TB. SLIT: Implementation in Your Practice. Presented as a symposium at the American Academy of Allergy Asthma and Immunology meeting, March, 2014. San Diego.

323. Casale TB. The Next Step After ICS/LABA. Presented as a symposium at the American Academy of Allergy Asthma and Immunology meeting, March, 2014. San Diego.

324. Casale TB. Pathophysiology of Chronic Urticaria. Presented as The ARTrust and Stephen D Lockey named lecture at the American Academy of Allergy Asthma and Immunology meeting, March, 2014. San Diego.

325. Casale TB. Update on Refractory Urticaria Management. Betty Wray lectureship. Georgia Allergy and Immunology annual society meeting. April, 2014. Atlanta.

326. Casale TB. Chronic urticaria pathophysiology. Eastern Allergy annual conference. May, 2014. Palm Beach.

327. Casale TB. Selection of patients for SLIT vs. SCIT. Eastern Allergy annual conference. May, 2014. Palm Beach.

328. Casale TB. AAAAI Symposium Chronic idiopathic/spontaneous urticaria: Europe & United States views: What are the appropriate management steps for H1 antihistamine (licensed dose) resistant patients? American view. Presented at the European Academy of Allergy and Clinical Immunology meeting, June, 2014. Copenhagen.

329. Casale TB. Asthma treatment: beyond guidelines: Biologicals. Presented as a symposium at the European Academy of Allergy and Clinical Immunology meeting, June, 2014. Copenhagen.

330. Casale TB. What could be the role for anticholinergics in treating asthma patients? Presented as a symposium at the European Academy of Allergy and Clinical Immunology meeting, June, 2014. Copenhagen.

331. Casale, TB. Immunomodulators and severe asthma. Florida Allergy Asthma and Immunology meeting, July, 2014.

332. Casale, TB. Anti-IgE therapy for allergic respiratory diseases. International symposium on immunotherapy and biologics. September, 2014. Mexico City, Mexico.

333. Casale, TB. Omalizumab in the approach to anti-histamine resistant chronic urticaria. International symposium on immunotherapy and biologics. September, 2014. Mexico City, Mexico.

334. Casale, TB. Asthma Diagnosis and Treatment. Update in Allergy and Immunology. October, 2014. Tampa, FL.

335. Casale, TB. Mast Cells and Mast Cell Diseases. Update in Allergy and Immunology. October, 2014. Tampa, FL.

336. Casale, TB. Allergen Immunotherapy or Omalizumab in Asthma: When to Use Which? American Academy of Allergy Asthma and Immunology meeting, March, 2015. Houston.

337. Casale, TB. Why Does Allergy Lag Behind Rheumatology in Approved Biotech Drugs? American Academy of Allergy Asthma and Immunology meeting, March, 2015. Houston

338. Casale TB. Characterization of Asthma Endotypes: Implications for Therapy. American College of Allergy Asthma and Immunology meeting,Novemeber 2015. SanAntonio.

339. Casale TB. Novel Therapies for Chronic Urticaria and Angioedema. American College of Allergy Asthma and Immunology meeting,Novemeber 2015. SanAntonio

338. Casale, TB. Plenary: Immunoglobulin E: The First 50 Years and Beyond - Role and Limitations of IgE in Diagnosis and Treatment of Allergic Disease. American Academy of Allergy Asthma and Immunology meeting, March, 2016. LosAngeles.

339. Casale, TB. Multiallergen vs. single allergen immunotherapy in SLIT vs. SCIT. Eastern Allergy annual conference. May, 2016. Palm Beach.

340. Casale, TB. Chronic urticaria: New pathophysiologic insights. Eastern Allergy annual conference. May, 2016. Palm Beach.

341. Casale TB. Cytokine families and receptors as targets for treatment in severe asthma. Presented as a symposium at the European Academy of Allergy and Clinical Immunology meeting, June, 2016. Vienna.

342. Casale TB. The Biology and Role of Eosinophils in Uncontrolled Asthma. Presented as a symposium at the European Academy of Allergy and Clinical Immunology meeting, June, 2016. Vienna.

343. Casale TB. New Immunotherapy Options on the Horizon. Presented at the Florida allergy asthma and immunology society annual meeting, June, 2016. Orlando Florida.

344. Casale TB. Biologics for Asthma and Allergic Disease: What's New? Presented at the Florida allergy asthma and immunology society annual meeting, June, 2016. Orlando Florida.

345. Casale TB. Precision asthma therapy: Picking the Right Biologic for the Right Patient. Presented at The Life Spectrum of Asthma, July, 2016. Chicago Illinois.

346. Casale TB. The Biology and Role of Eosinophils in Severe Asthma. Presented at the Southeastern Allergy Asthma And Immunology Society Annual Meeting,September, 2016, Destin, FL.

347. Casale T. Which T2 Biologic is Best Suited for GINA 4-5 Non-responders? Anti-IgE. American College of Allergy Asthma and Immunology meeting,Novemeber 2017. Boston.

348. Casale T. Biologics for Severe Asthma. Paul-Ehrlich Symposium. Germany.

348. Casale T. E-Cigarettes: What's the Harm?. American Academy of Allergy Asthma and Immunology meeting, March, 2018. Orlando.

349. Casale T. Biologics and Biomarkers for Asthma, Chronic Urticaria and Nasal Polyposis. American Academy of Allergy Asthma and Immunology meeting, March, 2018. Orlando.

350. Casale T. Targeting Mast Cells in Asthma and Other Allergic Diseases. American Academy of Allergy Asthma and Immunology meeting, March, 2018. Orlando.

351. Casale T. IL-4/-13 Blockers for Allergic diseases. Novemeber, 2018. Genoa.

352. Casale T. Similarities and Differences Between the International Urticaria Guidelines and the Joint Task Force Guidelines. American Academy of Allergy Asthma and Immunology meeting, March, 2019, San Francisco.

353. Casale T. The Severe Asthma Patient with Eosiniophilic Phenotype Should Always Be Treated with Anti-Interleukin-5 Therapies, Con. American Academy of Allergy Asthma and Immunology meeting, March, 2019, San Francisco.

354. Casale T. Beyond Asthma: Biologics in Adults. American College of Allergy Asthma and Immunology meeting, Novemeber, 2019, Houston.

355. Casale T. Pro/Con Debate Eosinophil Overrides Immunoglobulin E (IgE) in Selecting Biologic Therapy. AAAAI 2020 Annual Meeting Virtual.

356. Casale T. 2. Personalized Asthma Care: The Use Of Biologics. EAACI 2020 Annual Meeting Virtual.

357. Casale T. 2020 Southeast Allergy Asthma and Immunology Virtual Meeting: Biologics for Asthma; and Biologics for Non-Asthma Disease.

358. Casale T 2020 Virtual Northwest Allergy Forum. Novel Therapeutics is Severe Asthma.

359. Casale T 2020 American Academy of Otolaryngology Allergy annual meeting. One-on-One Interview on therapies for upper airway diseases; and "Moment of Truth Debate".

360. Casale T American College of Chest Physicians: CHEST 2020. Comorbidities in Severe Eosinophilic Asthma.

361. Casale T. American College of Allergy Asthma and Immunology 2020 virtual annual meeting. Navigating Current Asthma Choices.

362 Casale T .Personalized Medicine Applications in Allergic Diseases. Florida Allergy Asthma and Immunology Society 2021 annual meeting. Orlando, FL.

363. Casale T. Biologicals Update. Florida Allergy Asthma and Immunology Society 2021 annual meeting. Orlando, FL.

364. Casale T. Who's on First? Research, Biologicals & Personalized Medicine. Florida Allergy Asthma and Immunology Society 2021 annual meeting. Orlando, FL.

365. Casale T. Targeted Therapies for Specific Asthma Phenotype American College of Allergy Asthma and Immunology meeting, 2021 annual meeting, New Orleans, LA.

366. Casale T. Approach To Switching Biologic Therapy And The Concept Of Multiple Therapies. Virtual presentation. . American Academy of Allergy Asthma and Immunology meeting, 2022 annual meeting, Phoenix, AZ, Feb 2022.

367. Casale T. JAK and Atopic Diseases. American Academy of Allergy Asthma and Immunology meeting, 2022 annual meeting, Phoenix, AZ, Feb 2022.

368. Casale T. What Does the Landscape of Therapeutics Look Like in Allergy Practice? American College of Allergy Asthma and Immunology meeting, 2022 annual meeting, Louisville, KY, Nov 2022.

369. Casale T. Asthma and Biomarkers. American College of Allergy Asthma and Immunology meeting, 2022 annual meeting, Louisville, KY, Nov 2022.

370. Casale T. Other Treatments for non-Th2 Asthma. American College of Allergy Asthma and Immunology meeting, 2022 annual meeting, Louisville, KY, Nov 2022.

371. Casale T. Utility of Omalizumab and Novel Epinephrine Delivery Devices for the Management of Food Allergy. American College of Osteopathic Family Physician 2024 annual meeting.

372. Casale T: “Food Allergy: Health Implications and Challenges” . American Academy of Allergy Asthma and Immunology meeting, 2024 annual meeting, Washington DC.

373: Casale T: “Around the Horn: Asthma Management Challenges in 2024” American Academy of Allergy Asthma and Immunology meeting, 2024 annual meeting, Washington DC.

374: American College of Allergy Asthma &Immunology presentation: Are There Biomarkers That Can Predict Exacerbation Risk? Boston, MA

375: Presidential Plenary Lecture: American College of Allergy Asthma &Immunology presentation: The Bench to Bedside Pathway to Bring a Biologic to the Clinic. Boston, MA

J. Courses/Programs Directed

1. Organized and was Director for a two-day CME Course Entitled, "Current Topics in Clinical and Pulmonary Immunology," November 13-14, 1986, Iowa City, IA. Sponsored by The University of Iowa College of Medicine.

2. Organized and directed a two-day Course Entitled, "Current Topics in Clinical and Pulmonary Immunology," October 1-2, 1987, Iowa City, IA. Sponsored by The University of Iowa College of Medicine.

3. Organized and was Moderator for a Workshop Entitled, "Evaluation and Management of Physical Urticarias," at the 44th Annual Meeting of the American Academy of Allergy, Asthma and Immunology , Anaheim, CA, March, 1988.

4. Co-organized and Co-moderated a Postgraduate Course Entitled, "Pathogenesis, Treatment, and Diagnosis of Asthma," at the Annual Meeting of the American Thoracic Society, Las Vegas, NV, May, 1988.

5. Organized and was Co-moderator for a Symposium Entitled, "Neuropeptides in the Pathogenesis of Lung Inflammation," at the Annual Meeting of the American Thoracic Society, Las Vegas, NV, May, 1988.

6. Organized and was Director for a two-day Course Entitled, "Current Topics in Clinical and Pulmonary Immunology," November 3-4, 1988, Iowa City, IA. Sponsored by the University of Iowa College of Medicine.

7. Organized and was Moderator for Workshop Entitled "Guide to Physical Urticarias" at the 45th Annual Meeting of the American Academy of Allergy, Asthma and Immunology, San Antonio, Texas, February, 1989.

8. Organized and was Director for a Postgraduate Course in Immunology at the 45th Annual Meeting of the American Academy of Allergy, Asthma and Immunology , San Antonio, Texas, February, 1989.

9. Organized and was Moderator for a Workshop Entitled, "Chronic Urticaria: Diagnosis and Management" at the 46th Annual Meeting of the American Academy of Allergy, Asthma and Immunology , Baltimore, Maryland, March, 1990.

10. Director for the Postgraduate Courses at the 46th Annual Meeting of the American Academy of Allergy, Asthma and Immunology , Baltimore, Maryland, March, 1990.

11. Organized and was Co-moderator for a Symposium Entitled "Mechanisms of Asthma" at the Annual Meeting of the American Thoracic Society, Boston, Massachusetts, May, 1990.

12. Organized and was Co-moderator for a Symposium Entitled "New Treatments in Asthma" at the Annual Meeting of the American Thoracic Society, Boston, Massachusetts, May, 1990.

13. Organized and was Director for a one-day Course Entitled, "Current Topics in Clinical and Pulmonary Immunology," October 12, 1990, Iowa City, Iowa. Sponsored by The University of Iowa College of Medicine.

14. Organized and was Moderator for a Workshop Entitled, "Chronic Urticaria" at the 47th Annual Meeting of the American Academy of Allergy, Asthma and Immunology , San Francisco, California, March, 1991.

15. Organized and was Co-Moderator for a Symposium Entitled, "Inflammatory Mediators, - Neuropeptides and Asthma" at the Annual Meeting of the American Thoracic Society, Anaheim, California, May, 1991.

16. Organized and was Co-Moderator for a Postgraduate Course Entitled, "Advances in Asthma" at the Annual Meeting of the American Thoracic Society, Anaheim, California, May, 1991.

17. Organized and was Director for a one-day Course Entitled: "Current Topics in Clinical and Pulmonary Immunology," Sponsored by The University of Iowa College of Medicine, Iowa City, Iowa, September 27, 1991.

18. Organized and was Moderator for a Workshop Entitled: "Urticaria and Angioedema," at the 48th Annual Meeting of the American Academy of Allergy, Asthma & Immunology, Orlando, Florida, March, 1992.

19. Organized and was Co-Moderator for a Post-Graduate Course Entitled: "Asthma Update," at the Annual Meeting of the American Thoracic Society, Miami Beach, Florida, May, 1992.

20. Organized and was Co-Moderator for a Symposium Entitled: "Newer Therapies for Asthma," at the Annual Meeting of the American Thoracic Society, Miami Beach, Florida, May, 1992.

21. Organized and was Director for a one-day Course Entitled: "Current Topics in Clinical and Pulmonary Immunology," Sponsored by the University of Iowa College of Medicine, Iowa City, Iowa, October 9, 1992.

22. Organized and was Co-moderator for a Postgraduate Course Entitled: "Asthma Management: Costs and Concerns," at the Annual Meeting of the American Thoracic Society, San Francisco, CA May, 1993.

23. Organized and was Co-moderator for a Symposium Entitled: "Controversies in Chronic Asthma Management," at the Annual Meeting of the American Thoracic Society, San Francisco, CA May, 1993.

24. Organized and Directed a Symposium Entitled: "Current Issues in Allergic Diseases" at the Annual Meeting of the American College of Allergy and Immunology, Atlanta, GA November 14, 1993.

25. Organized and was Co-moderator for a Postgraduate Course Entitled: "Asthma: Challenging Issues in Pathogenesis and Treatment," Sponsored by the American Thoracic Society, Orlando, FL January 8-9, 1994.

26. Organized and was Co-Chair for Postgraduate Course Entitled: "Asthma: Pathogenesis and Therapy," Sponsored by the American Thoracic Society, Boston, MA May 21, 1994.

27. Organized and was Co-Chair for American Academy of Allergy, Asthma and Immunology Distinguished Lecture Series, "Controversies in Asthma Pathogenesis," Sponsored by the American Thoracic Society, Boston, MA May 22, 1994.

28. Organized and was Co-Chair for an Evening Postgraduate Seminar, "New Therapies for Asthma," Sponsored by the American Thoracic Society, Boston, MA, May 22, 1994.

29. Organized and was Director for a one-day Course Entitled, "Current Topics in Clinical and Pulmonary Immunology," Sponsored by the University of Iowa College of Medicine, Iowa City, IA, September 30, 1994.

30. Organized and was Chair for Distinguished Lecture Series Symposium on Lung Diseases in Immunocompromised Patients, American College of Chest Physicians Scientific Meeting, New Orleans, LA, November 3, 1994.

31. Co-Chairman of the Conjoint Planning Committee and Moderator for Literature Review for the 1995 ABAI Exam, Sponsored by the American College of Allergy & Immunology and the American Academy of Allergy, Asthma and Immunology , Chicago, IL, April 6-9, 1995.

32. Organized and was Program Chair and Moderator for a Post-Graduate Course Entitled: “Asthma: Airway Biology and Clinical Questions,” at the American Thoracic Society Annual Meeting, Seattle, WA, May 20, 1995.

33. Organized and was Program Chair and Moderator for a Post-Graduate Course Entitled: “Asthma: Therapy: The Present and the Future,” at the American Thoracic Society Annual Meeting, Seattle, WA, May 23, 1995.

34. Organized and Moderator of a Symposium Entitled, “Mediators” for Joint Conference (Asthma ’95 Theory to Treatment) Sponsored by the American Academy of Allergy & Immunology and the American Thoracic Society, Chicago, IL., July 16, 1995.

35. Moderator for a one-day Course Entitled, “Current Topics in Clinical and Pulmonary Immunology,” Sponsored by the University of Iowa College of Medicine, Iowa city, IA, October 20, 1995.

36. Organized and Co-moderated the Asthma Consultant Course Entitled: “Controversial Safety Issues in Asthma Therapy” at the American Academy of Allergy, Asthma and Immunology Annual Meeting, New Orleans, LA, March 20, 1996.

37. Organized and was Program Chair and Moderator for a Post-Graduate Course Entitled: “Asthma Update: Pathogenesis and Therapy,” at the American Thoracic Society Annual Meeting, New Orleans, LA, May 11, 1996.

38. Organized and Moderated a Symposium Entitled: “Inhaled Steroids: Pharmacology, Pharmacokinetics and Clinical Applications” at the American Academy of Allergy, Asthma and Immunology Annual Meeting, San Francisco, California, February 24, 1997.

39. Co-organized and Co-moderated the Asthma Consultant Course Entitled: “Risks and Benefits of Asthma Therapies: Addressing the Bookends of the Patient Population” at the American Academy of Allergy, Asthma and Immunology Annual Meeting, San Francisco, California, February 26, 1997.

40. Organized and was Program Chair and Moderator for a Post-Graduate Course Entitled: “Update on Asthma Management Issues”, at the American Thoracic Society Annual Meeting, San Francisco, California, May 17, 1997.

41. Organized and was Program Chair and Moderator for a Post-Graduate Course Entitled “Pediatric Asthma: Controversies In Management”, at the American Thoracic Society Annual Meeting, San Francisco, California, May 20, 1997.

42. Organized and was Program Chair and Co-moderator for an American Thoracic Society Workshop Entitled “Immunobiology of Asthma and Rhinitis”, Montreal, Canada, June 19 & 20, 1997.

43. Chairman, Asthma Management in the Primary Care Setting: A Regional Postgraduate Course in Princeton, New Jersey, December 10, 1997. Sponsored by The American Thoracic Society.

44. Co-organized and Co-moderated the Asthma Consultants’ Course Entitled: “Controversial Issues in the Management of Persistent Asthma” at the American Academy of Allergy, Asthma and Immunology Annual Meeting in Washington, D.C., March 18, 1998.

45. Organized and was Program Chair and Moderator for a Post-Graduate Course Entitled: “Update on Asthma” at the American Thoracic Society Annual Meeting in Chicago, Illinois, April 24, 1998.

46. Co-organized and Co-moderated a Symposium Entitled: “Antileukotrienes in the Treatment of Asthma” at the American Academy of Allergy, Asthma and Immunology Annual Meeting in Orlando, Florida, March 2, 1999.

47. Co-organized and Co-moderated the Asthma Consultants’ Course Entitled: “Controversies in the Use of Inhaled Steroids for the Treatment of Rhinitis and Asthma: A Debate” at the American Academy of Allergy, Asthma and Immunology Annual Meeting in Orlando, Florida, March 3, 1999.

48. Co-organized and Co-moderated a Postgraduate Course Entitled: "Asthma Update: Airway Inflammation and Therapy Issues" at the American Thoracic Society Annual Meeting in San Diego, California, April 23, 1999.

49. Co-organized and Co-moderated a Symposium Entitled: "Relationship of Rhinitis to Asthma: United Airways?" at Asthma '99, Theory to Treatment, Honolulu, Hawaii May 1, 1999.

50. Organized and Moderated a Symposium Entitled: "Neurogenic Mechanisms" at Asthma '99, Theory to Treatment in Honolulu, Hawaii May 2, 1999.

51. Co-orgainized and Moderated a Symposium Entitled: "The Use of Inhaled Corticosteroids in Asthma: Improving Treatment Goals for the Millenium" at the American College of Allergy, Asthma and Immunology Annual Meeting, Chicago, IL November 13, 1999.

52. Organized and Moderated a Symposium Entitled: "Novel Therapies in Allergic Disease" at the American Academy of Allergy, Asthma and Immunology Annual Meeting in San Diego, CA March 5, 2000.

53. Co-organized and Co-moderated the Asthma Consultants' Course entitled: "Controversial Issues in Asthma Management: A Debate", at the American Academy of Allergy, Asthma and Immunology Annual Meeting in San Diego, CA March 8, 2000.

54. Co-organized and Co-moderated a Postgraduate Course entitled: "Asthma Update: The Natural History of Asthma" at the American Thoracic Society Annual Meeting in Toronto, Canada May 5, 2000.

55. Co-organized and co-moderated symposium entitled: "Airway Smooth Muscle: Contribution to Airway Inflammation in Asthma" at the American Academy of Allergy, Asthma and Immunology Annual Meeting in New Orleans, LA March 17, 2001.

56. Organized and Moderated a Symposium entitled: "Future Therapies for Asthma" at the American Academy of Allergy, Asthma and Immunology Annual Meeting in New Orleans, LA March 21, 2001.

57. Co-Organized and co-moderated a Postgraduate Course entitled: "Asthma Update: Asthma Therapies of the Future" at the American Thoracic Society Annual Meeting in San Francisco, CA May 18, 2001.

58. Organized and moderated a symposium entitled: "Airway Inflammation: New Advances & Approaches in Treatment" at the ACAAI Annual Meeting in Orlando, Fl., Nov. 18, 2001.

59. Co-organized and co-moderated a symposium entitled: "New Treatments in Asthma"at the AAAA&I Annual Meeting, March 4, 2002, New York, NY.

60. Co-organized and co-moderated a symposium entitled: "Clinical Year in Review" at the AAAA&I Annual Meeting, March 4, 2002, New York, NY.

61. Co-organized and Chaired a National Roundtable, "The Antihistamine Impairment Roundtable", July 25-27, 2002, Chicago, IL.

62. Organized and chaired a symposium entitled: "Therapeutic Implications of IgE Immunmodulations" at the ACAAI Annual Meeting, November 9, 2003, New Orleans, LA.

63. Casale, T.: “Practical Aspects of Targeting IgE”. Moderator at a Workshop, Presented at AAAAI Annual Meeting, San Franisco, CA March 22, 2004.

64. Casale, T.B.: “Rethinking Asthma Control: What Is It and Can It Be Achieved?” Moderator/Chair, Symposium at ACAAI Annual Meeting, Anaheim, CA November 7, 2005.

65. Casale, T.B.: Co-chair and organizer for World Allergy Organization 2nd International Immunotherapy Day, Dec. 6, 2009, Buenos Aires, Argentina.

66. Casale T.B.: Co-chair AAAAI Symposium: Alternative Treatment Options for allergic and Immunologic Conditions: What is the data? EAACI Annual Meeting, June 7, 2010 London,England.

67. Casale, TB. Course co-director. Update in Allergy and Immunology. October, 2014. Tampa, FL.

68. Casale, TB. Couse co-director. The Life Spectrum of Asthma. July 29-31, 2016. Chicago, IL.

69. Casale TB. Course Co-Director. Food Allergy. Florence.Novemeber, 2019.