

Ibrahim Hamdy Younos MD, PhD

EDUCATION HISTORY

- 2013** PhD, Clinical Pharmacology, College of Medicine, Menoufia University, Egypt.
2011 PhD, Basic Sciences (Microbiology & Pathology). University of Nebraska Medical Center (UNMC), USA.
2003 MSc, Clinical Pharmacology, College of Medicine, Menoufia University, Egypt.
1997 MD, College of Medicine, Menoufia University, Egypt.

EMPLOYMENT HISTORY

06/2021 – current

Assistant Professor, Physician Assistant Program, Medical education department, Morsani College of Medicine, University of South Florida (USF), Tampa, FL, USA.

08/2014 – 06/2021

Assistant Professor, Pharmacology and Clinical Pharmacy Department, College of Medicine & Health Sciences (CoMHS), Sultan Qaboos University (SQU), Oman.

06/2013 – 08/2014

Lecturer, Clinical Pharmacology Department, College of Medicine, Menoufia University, Egypt.

09/2011 - 05/2013

Postdoctoral Fellow Lee Moffitt Cancer Center, Comprehensive Melanoma Research Center, Tampa, FL, USA.

08/2006 – 09/2011

PhD student, University of Nebraska Medical Center, Omaha, NE, USA.

03/2004 - 06/2013

Assistant Lecturer, Clinical Pharmacology Department, College of Medicine, Menoufia University, Egypt.

11/1999 - 08/2004

Demonstrator, Clinical Pharmacology Department, College of Medicine, Menoufia University, Egypt.

03/1999 - 11/1999

General Practitioner, Ministry of Health & Population, Menoufia, Egypt.

03/1998 - 03/1999

House officer, College of Medicine, Menoufia University Hospital, Menoufia, Egypt.

SCHOLASTIC ACTIVITIES

06/2021 – current: Physician Assistant Program, Morsani College of Medicine, USF, Tampa, FL, USA

- Course director & teaching Pathophysiologic Basis of Diseases I & II courses.
 - Outlining the courses syllabi & learning objectives
 - Teaching the basics of physiology & pathophysiology of disorders affecting all human systems
 - Putting the exam questions
- Course director & teaching Clinical Pharmacology I & II courses.
 - Outlining the courses syllabi & learning objectives
 - Teaching the basics of clinical pharmacology of disorders affecting all human systems
 - Putting the exam questions
- Basic science director.
- APPC committee member.
- Curriculum committee member
- PAEA member.

08/2014 – – 06/2021: College of Medicine & Health Sciences, SQU, Oman

- Course coordinator & tutor for multidisciplinary undergraduate medical course “Integrated module III (MEDI4502)”. (2015-2019)
- Course coordinator for multidisciplinary undergraduate medical course “Respiratory module (MEDI4205)”. (2019-present)
- Course coordinator & tutor for undergraduate nursing course “Pharmacology for nurses II (NURS2018)”. (Spring 2015-Fall 2020)
- Course coordinator & tutor for MSc nursing course “Advanced Pharmacology for Nursing Practice (NURS6112)”. (2016-present)
- Teaching pharmacology courses for undergraduate medical students within multidisciplinary integrated modules: “Response to infection (MEDI3140)”, “Uro-reproductive (MEDI4304)”, “Human Nervous System (MEDI4404)”, “Endocrine (MEDI4405)” and “Integrated medical modules I, II & III”. (2014-present)
- Teaching pharmacology for MSc clinical pharmacy (clinical pharmacy I (PHAR6001) & II (PHAR6002)). (2014-present)
- Teaching therapeutics for pre- and senior clerkship medical students “Supportive learning topics (SLT)”. (2014-present)
- Examiner for preclinical medical students’ OSCE. (2014-2020)
- Examiner for research project presentations in “Intercalated Health Sciences (ICHS4406)”. 2016
- Examiner for research project presentations in “Research Method and Critical Analysis of Scientific Information (METH6001)”. 2016 & 2017
- Main supervisor for MSc theses in Clinical Pharmacy.
 - Fatma Ali El Hadi [117772]: **Fall 2017 – Fall 2019**
 - Potentially Inappropriate Prescribing in Geriatric Patients at Sultan Qaboos University Hospital.
 - Aaisha Saif Al Dhuhli [125081]: **Spring 2019 Spring 2021**
 - Drug-induced Acute Kidney Injury at Sultan Qaboos University Hospital.
 - Aasiya Al-Azizi [125072]: **Fall 2019 – Spring 2021**
 - The Utilization Pattern and Bleeding Events of Rivaroxaban in Patients with Atrial Fibrillation.
 - Merna Waseem Fareed [125071]: **Spring 2020 – Fall 2020**
 - Profile Analysis of Acute Poisoning Patients Presenting to Sultan Qaboos University Hospital, Sultanate of Oman.
 - Dalia Abdelaziz Abdelalla [s117761]: **Spring 2021**
 - Evaluation of hyperkalemia associated with intravenous Co-trimoxazole in hospitalized patient at Sultan Qaboos University Hospital
- Main supervisor for undergraduate medical students’ research projects in the Research Methodology Student Project (MEDI4521) course.
 1. Asmaa Mohammed Al Shehhi [102176]: **Spring 2015 - Spring 2016.**
 - Prescribing pattern of antibiotics for treatment of non-specific childhood diarrhea within SQUH.
 2. Bushra Masoud Al Siyabi [102233]: **Spring 2015 - Spring 2016.**
 - Prescribing pattern of antibiotics for treatment of viral upper respiratory tract infection in children within SQUH.
 3. Aya Abdullah Alrashdi [101626]: **Spring 2016 - Spring 2017.**
 - Pattern of monoclonal antibodies (mAbs) usage for neoplastic conditions in SQUH.
 4. Ekhlas Khalaf Saoud Al-Zidi [101713]: **Spring 2016 - Spring 2018.**
 - Evaluating the pattern of monoclonal antibodies use for treatment of non-cancer Conditions attending SQUH.
 5. Najwa Salim Ali AlSahi [110606]: **Spring 2017 - Spring 2018.**
 - Patterns of insulin prescription among diabetic patients at SQUH.

6. Abdulmajeed Alshukaili [11406]: **Spring 2018 - Spring 2019.**
 - Prescribing pattern of Antiemetic Drugs for Chemotherapy Patients in SQUH.
7. Malek Subaa Nasser AlSaadi [106617] **Spring 2019 - Spring 2020.**
 - Evaluation of Pre- & Post-Operative Pain Management at SQUH.
8. Asil Al Kamyani [127952]: **Spring 2021**
 - Rituximab-related adverse effects in patients presented to SQUH
- Member of dissertation examining committee for MSc theses in Clinical Pharmacy.
 - Bushra Mustafa Ahmed Salma (104971), **2015.**
 - Association between busulfan cumulative dose and clinical outcome in Omani patients undergoing bone marrow transplantation.
 - Abdullah Jathlan Said (104101), **2015.**
 - Assessment of Adherence to Antihypertensive Drugs Using Pharmacy Refill Rate and Self Report Questionnaire in Hypertensive Patients Attending SQUH.
 - Intisar Mohamed Al Riyami (108977/14), **2016.**
 - Impact of glutathione s-transferase polymorphisms on busulfan pharmacokinetics and clinical outcomes of hematopoietic stem cell transplant.
 - Lina Ahmed Abdelrahim Ali [125076]: **SP21.**
 - Evaluation of Hyperglycemia Management in Hospitalized Patients with Type 2 Diabetes at SQUH
- Member of dissertation examining committee for PhD thesis in Biochemistry.
 - Amna AL Araimi (87830), **2017.**
 - Identification of cellular targets in regulating inflammatory pathways.

06/2013 – 08/2014: College of Medicine, Menoufia University, Egypt

- Teaching Clinical Pharmacology to undergraduate medical students & nursing students.
- Internal examiner for undergraduate and postgraduate medical student's oral and practical exams in Clinical Pharmacology.
- Member of thesis supervisory committee for PhD Thesis in Clinical Pharmacology.
 - Eman Sweed. **Spring 2014 – Spring 2018**
 - The Effect of Glucagon-Like Peptide 1 Agonist and Interferon β Combination On T-helper 2 Cells Activity in Experimental Model of Multiple Sclerosis.
- Scientific mentoring of clinical pharmacology graduate students.
- Academic adviser for undergraduate medical students.

2000-2006: College of Medicine, Menoufia University, Egypt

- Teaching Pharmacology to the undergraduate medical & nursing students, Menoufia University, Egypt.
- Drug & Therapeutic committee in TEMPUS project ID-JEP No. 31033_2003 (Clinical pharmacology for rational drug prescribing). **2003-2006**
- Postgraduate curriculum development committee in TEMPUS project ID-JEP No. 31033_2003 (Clinical pharmacology for rational drug prescribing). **2003-2006.**
- Designer & facilitator of a 'Promoting Rational Drug Use' training short course through the program for Enhancing Health Services, Technical Support Sector, MOH, Menoufia Governorate, Egypt. **2003.**

LEARNING & CONTINUING EDUCATION

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|-------------|--|
| 2022 | Abstract Judge/reviewer for the 2022 graduate student research symposium, USF, Tampa, FL, USA |
| 2022 | USF IPE Faculty Development: Building Better Teams: Creating Experiential Opportunities for Interprofessional Health Practice, USF, Tampa, FL, USA |
| 2021 | Climate Change: Interprofessional Solutions for a Human Health Crisis, USF, Tampa, FL, USA |

2020	Workshop on Team-based & Flipped Classroom learning. CoMHS, SQU, Muscat, Oman
2019	Designing course blueprint workshop, COMHS, SQU, Muscat, Oman
2017	Workshop on Academic Advising. CoMHS, SQU, Muscat, Oman
2017	Designing Significant Learning Experiences, CETL, SQU, Muscat, Oman
2016	Workshop on Students Assessment. CoMHS, SQU, Muscat, Oman
2016	Workshop on Data Analysis using SPSS. CoMHS, SQU, Muscat, Oman
2016	Certificate Course in Health Professional Education. CoMHS, SQU, Muscat, Oman
2016	Certificate course in Introduction to BSL-2. CoMHS, SQU, Muscat, Oman
2016	Certificate course in Introduction to Laboratory Biosafety. CoMHS, SQU, Muscat, Oman
2015	Workshop on International Collaboration, SQU, Muscat, Oman
2014	Workshop on intellectual property rights and patent search: SQU, Muscat, Oman
2014	Methods of Assessment, Menoufia University, Menoufia, Egypt
2011	Clinical Trials practical & theoretical course. Moffitt Cancer Center, Tampa, FL, USA
2009	NCET2 Researcher Commercialization Webinar Course. UNMC, Omaha, NE, USA
2003 & 2006	Strategic leadership course in the Institute of preparing the strategic leaders, Helwan, Egypt
2004	International PRDU Training Course, Best Research Proposal award. Islamabad, Pakistan
2004	Preparation of University Teaching Staff, Menoufia University, Menoufia, Egypt
2004	Faculty and Leadership Development Project (FLDP), Menoufia University, Menoufia, Egypt <ul style="list-style-type: none"> • Effective Teaching Skills (20 hours) • Effective Communication Skills (20 hours) • Methodology of Scientific Research (20 hours) • Development of Thinking Skills (20 hours) • Effective management of time and work stress (20 hours)
1998	Physicians pre-employment training program, Menoufia University Hospitals, Menoufia, Egypt

SCIENTIFIC ACTIVITIES

Fellowships & Awards

2024	Pi Alpha National Honor Society, PA program, USF
2020	Best teacher award, CoMHS, SQU, Muscat, Oman
2011-2013	Postdoctoral fellowship, Experimental Therapeutics, Comprehensive Melanoma Research Center, Stabile Research Building, Lee Moffitt Cancer Center, Tampa, FL, USA
2006-2011	PhD graduate fellowship from the Ministry of Higher Education, Egypt
2005	TEMPUS-sponsored Fellowship (Clinical pharmacology for rational drug prescribing) in Huddinge Hospital, Karolinska Institute, Stockholm, Sweden
2004	WHO Fellowship to attend the International PRDU Training Course for Best Research Project Proposal Award, Pakistan
2004	1st IUPHAR-sponsored workshop on Clinical Pharmacology within the framework of the 31 st Annual International Conference of the Egyptian Society of Cardiology, Delta Cardio, Egypt

SQU Internal Grants

1. IG/MED/PHAR/16/01

- Title: Enhancing Prostate Cancer Sensitivity to TRAIL Anti-Tumor Effects by Targeting CXCR4.

- Role: Principal investigator.
2. **IG/MED/PHYS/18/02**
- Title: The effects of Dehydroepiandrosterone (DHEA) and resveratrol in a wild-type mice model of male hypogonadism on bone density.
 - Role: CO-investigator.

Scientific Journal Reviewer

- International Immunopharmacology
- Sultan Qaboos University Medical Journal
- Menoufia Medical Journal
- Applied & translational genomics
- Current Medicinal Chemistry

Scientific Journal Editorial Board Member

- American journal of cancer therapy and pharmacology. <http://ivyunion.org/index.php/ajctp/about/editorialTeam>
- American journal of cancer biology. <http://ivyunion.org/index.php/ajcb/about/editorialTeam>
- Journal of Clinical Pharmacology and Clinical Pharmacokinetics. <https://www.peertechz.com/journals/peertechz-journal-of-clinical-pharmacology-and-clinical-pharmacokinetics/editorial-board>
- Journal of Pharmacology & Clinical Research. <https://juniperpublishers.com/jpcr/editorialboard.php>
- Journal of pharmaceutical science and clinical Trials. <http://journal.bioleagues.com/jpsct/editorial.php>
- Advances in Pharmacology & Clinical Trials (APCT). <https://medwinpublishers.com/APCT/editorial-board.php>
- International Journal on Current Trends in Drug Development & Industrial Pharmacy. <http://medical.eurekajournals.com/index.php/IJCTDDIP/about/editorialTeam>
- International Journal of HIV/AIDS and Research (IJHR). http://scidoc.org/editorial_board.php?id=29
- Archives of Oncology and Cancer Therapy. <http://www.sryahwpublications.com/archives-of-oncology-and-cancer-therapy/editorial-board>

Conference Scientific & Organizing Committee Member

- 1st Biomedical Science Conference in Oman, February 26-27, **2020**, SQU, Muscat, Oman.
- SciTech Biomed-Cancer Sciences 2019, October 16-17, **2019**, Tokyo, Japan.
- Global Summit on Gastroenterology, Oct. 16-18, **2017**, Dubai, UAE.

Keynote Speaker

International seminar on 'Advances in Biosciences' organized by EMEA College of Arts & Science, Kondotty, Kerala, India. February 27-28 **2019**

Scientific Talks

1. Immunological effects of CD40 antibody (CP 870,893) treatment in resected melanoma patients. EMBL Cancer Core Europe Conference: Cancer Immunotherapy, Heidelberg, Germany, 2-4 February **2017**.
2. MHC Class II Engagement by Its Ligand LAG-3 (CD223) Contributes to Melanoma Resistance to Apoptosis. Journal Club, Lee Moffitt Cancer Center, December 19, **2011**.

3. Spleen is the Primary Hematopoietic Reservoir in a Mammary Tumor Model. Pathology and Microbiology Graduate Student Research Seminar. April 19, **2011**.
4. Tumor-Derived Syndecan-1 Mediates Distal Cross-Talk with Bone that Enhances Osteoclastogenesis. Pathology and Microbiology Journal Club PAMM 992. February 8, **2011**.
5. Myeloid-derived suppressor cells and Tumor-induced immune dysfunction. Pathology and Microbiology Graduate Student Research Seminar. April 27, **2010**.
6. Adenosine A2a receptor agonists as regulators of inflammation: pharmacology and therapeutic opportunities. Pathology and Microbiology Journal Club PAMM 992. September 8, **2010**.
7. Myeloid-derived suppressor cells tumor-regulated proliferation and trafficking: A flow cytometric study. Pathology and Microbiology Graduate Student Research Seminar. April 21, **2009**.
8. Cancer-induced Expansion and Activation of CD11b+Gr-1+ Cells Predispose Mice to Adenoviral-triggered Anaphylactoid-type Reactions. Pathology and Microbiology Journal Club PAMM 992. February 24, **2009**.
9. Human Th17 cells: Possible Pathogenic Role of Th17 Cells for Atopic Dermatitis. Immunology Journal Club. June 24, **2008**.
10. Myeloid-Derived Suppressor Cells (MDSCs) Role in Cancer: Murine Study. Pathology and Microbiology Graduate Student Research Seminar. May 13, **2008**.
11. The Erosive Potential of Soft Drinks on Enamel Surface Substrate: An *in vitro* scanning electron microscopy investigation. Pathology and Microbiology Journal Club PAMM 992. April 29, **2008**.

Publications

Original articles published in journals

1. Dalia Abdalaziz, Ibrahim Al-Zakwani, Aly Abdelrahman, **Ibrahim Hamdy** & Yousuf AlSuleimani. Evaluation of hyperkalemia associated with intravenous co-trimoxazole in hospitalized patients in Oman. Pharmacy Practice Journal; accepted **2023** 12/2
2. Soliman, Alaa M., Ibrahim Al-Zakwani, **Ibrahim H. Younos**, Shireen Al Zadjali, and Mohammed Al Za'abi. A snapshot of potentially inappropriate prescriptions upon pediatric discharge in Oman. 2022 Pharmacy (Basel). **2022** Sep 23;10(5):121.
3. Doaa Abd Alghafar, **Ibrahim Younos**, Khalid Al Baimani, Dawood Al-Salhi, Adil Al-Riyami, Syed Rizvi, Niamh E Buckley. Trastuzumab cardiotoxicity in HER2-positive breast cancer patients in tertiary health care center, sultanate of Oman. Journal of Oncology Pharmacy Practice. **2020** Apr 27.
4. Osama Mohamed Abo-Salem, Tarek Mohamed Ali, Gamaleldin Ibrahim Harisa, Osama Mahmoud Mehanna, **Ibrahim Hamdy Younos**, Waleed Hassan Almalki. Beneficial effects of (-) -epigallocatechin-3-O -gallate on diabetic peripheral neuropathy in the rat model. Biochem Mol Toxicol. **2020** Apr 10.
5. Maha M. ElBatsh, Manal M ElBatch, Noha M Shafik and **Ibrahim H Younos**. Favorable effects of vildagliptin on metabolic and cognitive dysfunctions in streptozotocin-induced diabetic rats. Eur J Pharmacol. **2015** Dec 15; 769:297-305.
6. Geoffrey T. Gibney, Ragini R. Kudchadkar, Ronald C. DeConti, Melissa S. Thebeau, Maria P. Czupryn, Leticia Tetteh, Cabell Eysmans, Allison Richards, Michael Schell, Kate J. Fisher, Christine Horak, H. David Inzunza, Bin Yu, Alberto J. Martinez, **Ibrahim Younos**, and Jeffrey S. Weber. Safety, correlative markers and clinical results of adjuvant nivolumab in combination with vaccine in resected high-risk metastatic melanoma. Clin Cancer Res. **2015** Feb 15;21(4):712-20.
7. **Younos IH**, Abe F, Talmadge JE. Myeloid-derived suppressor cells: Their role in the pathophysiology of Haematologic malignancies and potential as therapeutic targets. Leukemia & Lymphoma. **2015**;56(8):2251-63.
8. **Younos I**, Dafferner AJ, Gülen D, Brittan HC, Talmadge JE. Tumor regulation of myeloid-derived suppressor cell proliferation and trafficking. International Immunopharmacology, **2012** Jul;13(3):245-56.
9. Gülen D, Maas S, Julius H, Warkentin P, Britton H, **Younos I**, Senesac J, Pirruccello S, and Talmadge JE. Cryopreservation of adenovirus-transfected dendritic cells (DCs) for clinical use. International Immunopharmacology, **2012** May; 13(1):61-8.
10. **Younos I**, Donkor M, Hoke T, Dafferner A, Samson H, Westphal S, Talmadge JE. Tumor- and organ-dependent infiltration by myeloid-derived suppressor cells. International Immunopharmacology, **2011** Jul; 11(7):816-26.
11. Abe F, **Younos I**, Westphal S, Samson H, Scholar E, Dafferner A, Hoke TA, Talmadge JE. Therapeutic activity of Sunitinib for Her2/neu induced mammary cancer in FVB mice. International Immunopharmacology. **2010** Jan, 10(1):140-5.
12. Mohamad Ibrahim Ahmad, Mohamad Ismael Afifi and **Ibrahim Hamdy Younos**. Harpagophytum procumbens (Devil' claw): A possible natural anti-inflammatory agent (An experimental study). Iranian Journal of Pharmacology & Therapeutics. 4(1):54-63, **2005**. <http://www.bioline.org.br/abstract?id=pt05013>

Manuscripts in preparation for publication

1. Al Dhuahli Aaisha Saif, **Ibrahim H Younos**, Al Riyami Dawood Ahmed. Suspected Drug-induced Acute Kidney Injury at Sultan Qaboos University Hospital
2. Fatma Ali Elhadi, **Ibrahim H Younos**, Mohammed Al Za'abi, Musbah Tanira. Potentially Inappropriate Prescribing to Geriatric Patients at Sultan Qaboos University Hospital.

Abstracts presented at scientific national and international meetings

3. **Ibrahim Hamdy Younos**, Asmaa Mohammed Said Al Shehhi. Prescribing Antibiotics for Treatment of Non-specific Childhood Diarrhea within a tertiary health care facility. International conference and exhibition on pharmaceutical science & research. Dubai, UAE 28-30 June **2018**.
4. **Ibrahim Younos**, Zeynep Eroglu, Alberto, Martinez, Bin Yu and Jeffrey Weber. Immunological effects of CD40 antibody (CP 870,893) treatment in resected melanoma patients. EMBL Cancer Core Europe Conference: Cancer Immunotherapy, Heidelberg, Germany 2-4 February **2017**.
5. Geoffrey Thomas Gibney, Jeffrey S. Weber, Ragini Reiney Kudchadkar, Ronald C. De Conti, Leticia Tetteh, Cabell Eysmans, Bin Yu, Alberto J Martinez, **Ibrahim Younos**. Safety and efficacy of adjuvant anti-PD1 therapy (nivolumab) in combination with vaccine in resected high risk metastatic melanoma. ASCO Annual Meeting, Chicago, Illinois, USA, May 31 - June 4, **2013**.
6. **Ibrahim H. Younos**, Alicia J. Dafferner, Holly Britton, James E. Talmadge. Multidimensional crosstalk regulates myeloid cell hyperplasia, immune escape, and tumor progression. **Poster** in AACR annual Meeting, Washington, DC, USA, April 6-10, **2013**.
7. **Ibrahim Younos**, Alicia Dafferner, Holly Britton and James E Talmadge. Molecular and cellular crosstalk between tumor and inflammatory cells in the tumor microenvironment: role in metastasis. 14th International Biennial Congress of the Metastasis Research Society, 2-5 September **2012**.
8. Kimberly Papa, Yonghong Zhang, Chaomei Zhang, Wenshi Wang, Alberto Martinez, Bin Yu, **Ibrahim Younos**, Anthony Bilotto, Amod Sarnaik, Sungin Yun, Jeffrey Weber. Correlation of CD8+ T cells Gene Profiling to Clinical Benefit Before and After PD-1 Blockade for Metastatic Melanoma. **Poster** in Moffitt Cancer Center Scientific Symposium, May 10, **2012**.
9. Amod Sarnaik, Anthony Bilotto, Maria Jure-Kunkel, MacLean S Hall, Wenshi Wang, **Ibrahim Younos**, Shari Pilon-Thomas, Jeffrey S. Weber. Co-stimulatory effect of agonistic 4-1BB antibody enhances proliferation and effector phenotype of tumor-infiltrating lymphocytes in melanoma. ASCO Annual Meeting, June 1-5, **2012**.
10. Liu M, **Younos I**, Huang X, Fu K, Zhang Z, Talmadge J, Ding SJ. Large-scale endogenous S-nitrosylation analysis of mouse spleen. **Oral** presentation. 59th ASMS Conference on Mass Spectrometry and Allied Topics. June **2011**.
11. **Younos IH**, Hoke T, Dafferner A, Samson H, Westphal S, Donkor M, and Talmadge JE. Growth factor transcription and MDSC proliferation are organ and tumor dependent in mammary tumor-bearing mice. **Poster** presentation in the 42nd Midwest Student Biomedical Research Forum, Omaha, NE, USA. February 19, **2011**.
12. **Younos IH**, Dafferner A, Samson H, Hoke T, Westphal S, Donkor M, Talmadge JE. Organ-specific biodistribution and expansion of MDSCs in tumor bearing mice. **Oral & Poster** presentation. Regulatory Myeloid Cells. Proceedings of an International Immunopharmacology Sponsored Symposium. Washington, D.C., USA. October 21-24, **2010**.
13. **Younos IH**, Hoke T, Dafferner A, Samson H, Westphal S, Donkor M, and Talmadge JE. Characterizing the MDSCs phenotypes, expansion and trafficking pattern and associated tumor-induced immune dysfunction. **Poster** presentation in annual Meeting of AACR Translational Cancer Medicine 2010, San Francisco, CA, USA, July 11-14, **2010**.
14. Abe F, **Younos IH**, Westphal SN, Samson H, Scholar E, Dafferner A, Hoke T, Talmadge JE. Therapeutic activity of sunitinib for Her2/neu induced mammary cancer in FVB mice. **Poster** presentation in annual Meeting of AAI, Baltimore, MD, USA, May 05-11, **2010**.
15. **Younos IH**, Hoke T, Dafferner A, Samson H, Westphal S, Donkor M, Verma V, and Talmadge JE. Pattern of immune cells frequency in breast cancer revealed by flow cytometry. **Poster** presentation in the 41st Midwest Student Biomedical Research Forum, Embassy Suites Hotel Downtown/Old Market, Omaha, NE, USA, February 20, **2010**.
16. **Younos IH**, Hoke T, Dafferner A, Samson H, Donkor M, Westphal S, Verma V, and Talmadge JE. Tumor-regulated Proliferation and trafficking of MDSCs. **Poster** presentation in the 40th Midwest Student Biomedical Research Forum, Embassy Suites Hotel Downtown/Old Market, Omaha, NE, USA, February 28, **2009**.
17. Talmadge JE, **Younos IH**, Westphal S, Dafferner A, Donkor M, Hoke T, Samson H, Fuminori A. Molecular Regulation of Myeloid-Derived Suppressor Cells (MDSCs) in Mice Bearing Mammary Tumors. **Poster** presentation in Molecular Targets for Cancer Therapy: Fifth Biennial Meeting, Moffitt Cancer Center, Florida, USA. **2009**.

18. Talmadge JE, Dafferner A, Donkor M, Westphal S, **Younos I**, Verma V, Hoke T, Scholar E. Effect of tumor burden on myeloid derived suppressor cells and cytokine expression. **Poster** presentation in American Association of Immunologists, San Deigo, CA, USA, April 5-9, **2008**.
19. Talmadge JE, Dafferner A, Donkor M, Westphal S, **Younos I**, Hoke T, Scholar E, Abe F. Tumor burden regulation of myeloid derived suppressor cells and cytokine expression in tumors and solid organs. **Poster** presentation in American Association of Cancer Researchers, San Diego, CA, USA, April 12-16, **2008**.
20. **Younos IH**, Ahmad MI, Afifi MI. Harpagophytum procumbens (Devil' claw): A possible natural anti-inflammatory agent (An experimental study). **Poster** presentations at 26th African Health Sciences Congress. Egypt, **2005**.

Professional Scientific Weblinks

- Researchgate: https://www.researchgate.net/profile/Ibrahim_Younos/publications
- Pubmed: https://www.ncbi.nlm.nih.gov/pubmed/?term=Younos%20IH%5BAuthor%5D&cauthor=true&cauthor_uid=22609473
- Google Scholar: <https://scholar.google.com/citations?user=zileACkAAAAJ&hl=en>
- ResearcherID: <http://www.researcherid.com/ProfileView.action?returnCode=ROUTER.Success&Init=Yes&SrcApp=CR&queryString=KG0UuZjN5WlnUgQXxhsj4eOc0EZR%252BB2bPpxFVoOUD9o%253D&SID=W127DcFEs6fHlapm7Ls>
- Scopus: <https://www.scopus.com/authid/detail.uri?authorId=35175256600>
- Orcid: <https://orcid.org/my-orcid>

UNIVERSITY & COMMUNITY SERVICE

08/2014 – – 06/2021: College of Medicine & Health Sciences, SQU, Oman

- Scientific & organizing committee member in the 1st Biomedical Science Conference in Oman, February 26-27, **2020**, SQU, Muscat, Oman.
- Department community service coordinator (**2018-present**).
- Examination committee member (**2017-present**).
- Supervision of 2 international students as part of the research exchange project in SCORE program of IFMSA, **2017**.
- Department board member, department of pharmacology & clinical pharmacy (**2014-present**).
- Academic adviser for undergraduate medical students.

06/2013 – 08/2014: College of Medicine, Menoufia University, Egypt

- Academic adviser for undergraduate medical students.

SKILLS

- **Academic:** University Teaching, Scientific Writing
- **Soft skills and personal qualities:** Teaching, Coaching, Hands-on Training, Presentation, Public speaking, Determination, Team player with the ability to lead.
- **Computer skills:** Microsoft Office, Microsoft Windows, Mac OSX, Endnote, Reference Manager, SPSS, Sigma Plot, GraphPad Prism, Photoshop.
- **Languages:** Fluent in English and Arabic
- **Laboratory skills:**
 - IV & IP injection in mice
 - Retro-orbital blood drawing in mice & tail vein in rats.
 - Whole animal & tissue imaging by KODAK IS2000MM
 - Basic tissue & cell lines culture techniques; subculture, thawing, freezing, harvesting and counting cells

- Mouse necropsy, tissue isolation, cells harvesting, preparing cell suspensions from bone marrow, blood, thymus, liver, lung, tumor, mammary gland and spleen
- Multicolor Flow Cytometry techniques in both murine & human samples
- Multicolor Flow Cytometry acquisition by FacsScan, FacsCalibur, LSRII using ProQuest & FacsDiva software
- Multicolor Flow Cytometry analysis using “FlowJo” software
- Mastering the use of Guava cytometer & Animal Blood Counter
- Mononuclear Cell Isolation by Ficoll-Hypaque separation
- DCs-generated peptide-specific T lymphocytes
- Magnetic beads separation of T cells subsets
- ELISpot
- Cytospin
- Cytokines multiplex assay analysis
- ConA assay
- Mixed lymphocytic reaction & co-culture
- Natural suppressor assay
- Immunohistochemistry
- ELISA
- Clinical Trials design & investigation
- qRT-PCR
- Development of animal models for:
 - Mammary adenocarcinoma
 - Acute & Chronic inflammation in rats
 - Cotton pellet-induced granuloma test in rats
 - Freund’adjuvant-induced arthritis in rats
 - Carrageenan-induced back paw edema test in rats
 - Rheumatoid arthritis in rats
 - Diabetes Mellitus in rats
 - Analgesia in mice
- Pharmacological experiments with isolated tissues for monitoring the in vitro pharmacodynamics effect of drugs and applying the pharmacokinetic analysis to determine the kinetic parameters:
 - Guinea Pig & Rabbit ileum
 - Rabbit & Rat aortic strip
 - Rat blood pressure (rat tail plethysmography and flowmetry)
 - Frog rectus abdominis
 - Rat phrenic nerve diaphragm preparation
 - Guinea Pig isolated tracheal chain