

Curriculum Vitae for: Aliyah Baluch, MD, MSc, FACP

Current Position: Associate Member
Division of Infectious Diseases
Department of Internal Medicine
Program Director Transplant Infectious Diseases Fellowship
Medical Director of Infectious Diseases Clinic
Director of Quality Assurance, Division of Infectious Diseases
Associate Director of Antimicrobial Stewardship Program
(Stewardship at Moffitt for Improving Antimicrobial Use and
Reducing Resistance: Team Approach)
Mailstop MCC-IHM
Moffitt Cancer Center
12902 Magnolia Drive
Tampa, FL 33612
(813) 745-7452
Aliyah.Baluch@moffitt.org

Current Academic Appointments: Associate Professor of Medicine
Department of Oncologic Sciences, MDC 44
Morsani College of Medicine
University of South Florida
12901 Bruce B. Downs Blvd.
Tampa, FL 33612

Education:
1997-2001 Bachelor of Arts in Biology
University of South Florida, *Cum Laude*
2000-2004 Medical Degree
Honors 7 Year Combined MD Program
University of South Florida College of Medicine

Postgraduate Training and Fellowship Appointments:
2004-2007 Internal Medicine Residency
University of South Florida College of Medicine
2007-2008 Internal Medicine Chief Resident
H. Lee Moffitt Cancer Center
University of South Florida College of Medicine
2008-2010 Infectious Diseases and Tropical Medicine Fellowship
University of South Florida College of Medicine
2010-2011 Transplant Infectious Diseases Fellowship
University of Alberta
2011-2012 Chief Fellow, Alberta Institute for Transplant Sciences
University of Alberta
2010-2013 Masters of Science in Experimental Medicine
University of Alberta

Employment:

July 2012 to Dec 2017	Assistant Member
Jan 2018 to present	Associate Member
	Division of Infectious Diseases
	Department of Internal Medicine
	Moffitt Cancer Center

Academic Appointments:

July 2012 to June 2018	Assistant Professor
July 2018 to present	Associate Professor
	Department of Oncologic Sciences, MDC 44
	Morsani College of Medicine
	University of South Florida

Licenses:

Florida, 2008 - 2022, active
Alberta, 2010 - 2012, inactive

Board Certifications: ABIM 278421

American Board of Internal Medicine, Internal Medicine:
Initial exam 2007, next exam due 12/31/2027
American Board of Internal Medicine, Infectious Diseases:
Initial exam 2010, next exam due 12/31/2030

Languages Spoken:

English
French

Teaching Experience

1. University Courses:

USF MCOM

BMS 6941 Longitudinal Clinical Experience (LCE) Proctor

2008 Guided discussions with 15 medical students re: LCE

USF MCOM

MEL 8362: Infections in Bone Marrow Transplantation

July 2012 – present Preceptor and coordinator for fourth year medical student elective rotation at Moffitt Cancer Center concentrating on infections in hematopoietic stem cell recipients, 20 contact hours/week, 1-2 learners/contact hour, ~2 months/year

USF MCOM

BMS 6042: Medical Sciences 6

Clinical Correlation for Intravascular Infections

Nov 2014 – June 2020 USF Morsani COM Medical Student Year 2 Cardiovascular Block,
Course 6
Course Director: Javier Cuevas, PhD

USF MCOM

BMS 6043: Medical Sciences 7

STIs (Sexually Transmitted Infections): Clinical Cases

Feb 2016 – present USF Morsani COM Medical Student Year 2
Course 7

Course Director: Charles Preuss, PhD, RPh

USF MCOM Nursing

Infections in Cancer Patients for Oncology Nurse Practitioners

Jan 2021 USF College of Nursing

Co-present with Olga Klinkova, MD, MS

Course Liaison: Dorothie S. Durosier Mertilus, DNP

2. Medical Student / Nurse Practitioner / Physician Assistant Student Training:

USF Medical Undergraduate Training:

BMS 6826 Doctoring Clinical Experience (DCE) Yr 1

Nov 2012 – April 2013 Preceptee: M. Konstantinovic (Hours: 70)

BMS 6826 Doctoring Clinical Experience (DCE) Yr 1

Nov 2013 – April 2014 Preceptee: S. Palmieri (Hours: 70)

BMS 6826 Doctoring Clinical Experience (DCE) Yr 2

July 2014 – Nov 2014 Preceptee: J. Benedict (Hours: 60)

BMS 6826 Doctoring Clinical Experience (DCE) Yr 1

Dec 2014 – April 2015 Preceptee: M. Taguchi (Hours: 60)

BMS 6826 Doctoring Clinical Experience (DCE) Yr 1

Dec 2014 – April 2015 Preceptee: S. Jang (Hours: 60)

BMS 6826 Doctoring Clinical Experience (DCE) Yr 2

July 2015 – Sept 2015 Preceptee: A. Bacewicz (Hours: 40)

BMS 6826 Doctoring Clinical Experience (DCE) Yr 2

July 2015 – Sept 2015 Preceptee: M. Stewart (Hours: 40)

BMS 6826 Doctoring Clinical Experience (DCE) Yr 2

Sept 2015 – Dec 2015 Preceptee: R. A. Patel (Hours: 35)

BMS 6826 Doctoring Clinical Experience (DCE) Yr 2

Sept 2015 – Dec 2015 Preceptee: A. Juarbe (Hours: 35)

BMS 6826 Doctoring Clinical Experience (DCE) Yr 2

Aug 2016 – Oct 2016 Preceptee: A. Hanna (Hours: 35)

BMS 6826 Doctoring Clinical Experience (DCE) Yr 2

Oct 2016 – Dec 2016 Preceptee: M. Frost (Hours: 35)

BMS 6826 Doctoring Clinical Experience (DCE) Yr 1

Jan 2017 – Feb 2017 Preceptee: M. Monte (Hours: 35)

BMS 6826 Doctoring Clinical Experience (DCE) Yr 1

Feb 2017 – March 2017 Preceptee: R. Kim (Hours: 35)

BMS 6826 Doctoring Clinical Experience (DCE) Yr 2

Aug 2017 – Oct 2017 **Preceptee:** A. Vakos (Hours: 35)
BMS 6826 Doctoring Clinical Experience (DCE) Yr 2
Oct 2017 – Jan 2018 **Preceptee:** L. Buckley (Hours: 35)
BMS 6826 Doctoring Clinical Experience (DCE) Yr 2
Aug 2018 – Oct 2018 **Preceptee:** S. McMenemy (Hours: 35)
BMS 6826 Doctoring Clinical Experience (DCE) Yr 2
Oct 2018 – Jan 2019 **Preceptee:** L. Meyer (Hours: 35)
BMS 6826 Doctoring Clinical Experience (DCE) Yr 1
Jan 2019 – Feb 2019 **Preceptee:** R. Chaska (Hours: 35)
BMS 6826 Doctoring Clinical Experience (DCE) Yr 2
Aug 2019 – Oct 2019 **Preceptee:** R. Collier (Hours: 35)
BMS 6826 Doctoring Clinical Experience (DCE) Yr 2
Oct 2019 – Jan 2020 **Preceptee:** L. Polk (Hours: 35)
BMS 6826 Doctoring Clinical Experience (DCE) Yr 2
Jan 2021 – Feb 2021 **Preceptees:** numerous students due to COVID-19

BMS 6825 Doctoring Community Clinical Mentoring (CCM) Yr 1
Select Students with a Quality Improvement Project
Jan 2016 – March 2016 **Preceptee:** C. Waldman (Hours: 50)
Preceptee: S. Rizvi (Hours: 50)

USF Nurse Practitioner Training:

NGR 6207C Health Management of Adults and Older Adults Practicum 1
May 2014 – Aug 2014 **Preceptee:** A. Herschberger (Hours: 93)
NGR 6291C Health Management of Adults and Older Adults Practicum 3
(Special Topics Infectious Diseases):
Aug 2014 – Dec 2014 **Preceptee:** T. Caverly (Hours: 90)
NGR 6291C Health Management of Adults and Older Adults Practicum 3
(Special Topics Infectious Diseases):
Jan 2015 – Feb 2015 **Preceptee:** K. Privette (Hours: 150)
NGR 6291C Health Management of Adults and Older Adults Practicum 3
(Special Topics Infectious Diseases):
Mar 2015 – April 2015 **Preceptee:** C. St. Amand (Hours: 90)
NGR 6207C Health Management of Adults and Older Adults Practicum 1
Jan 2016 – April 2016 **Preceptee:** C. Lopera (Hours: 180)

NUR 686 University of Tampa Nurse Practitioner Program:
July 2018 **Preceptee:** L. Malpica (Hours: 118)

Nova Southeastern Physician Assistant Training:

March 2015 – May 2015 **Preceptee:** D. Wozunk (Hours: 300)
June 2016 – July 2016 **Preceptee:** E. Dubravsky (Hours: 260)

South University- Tampa Physician Assistant Training:

Nov 2015 – Dec 2015 **Preceptee:** S. Soto (Hours: 220)
Feb 2018 – Mar 2018 **Preceptee:** A. Kauffman (Hours: 220)

Salus University Physician Assistant Training:

March 2016 – April 2016 **Preceptee:** L. Jones (Hours: 220)
July 2017 – Aug 2017 **Preceptee:** V. Heath (Hours: 220)
Feb 2020 – March 2020 **Preceptee:** E. Scott (Hours: 220)

Bethel University Physician Assistant Training:

Oct 2016 – Nov 2015 **Preceptee:** C. Thomas (Hours: 220)
Jan 2019 – Feb 2019 **Preceptee:** S. Ramos (Hours: 170)
July 2019 – Aug 2019 **Preceptee:** M. Berger (Hours: 170)

Barry University Physician Assistant Training:

Feb 2019 – Apr 2019 **Preceptee:** J. Dame (Hours: 220)
Apr 2019 – May 2019 **Preceptee:** K. (Roy) Becker (Hours: 170)
May 2019 – July 2019 **Preceptee:** F. E. Benchekroun (Hours: 230)

Keiser University:

Sept 2019 **Preceptee:** M. Drumm (Hours: 160)

3. Infectious Diseases Fellows:

USF ID Fellows:

2011-2013

Christine Ayarza, MD, Pamela Noel, MD, Patrick Kenney, DO, Phuong Nguyen, MD

2012-2014

Joseph Halliday, DO, Lily Jones DO, Mitsuya Katayama, MD, Nancy Rihana, MD, Rey J. Rivera, MD, Vivian Vega, MD

2013-2015

Jane Mai, MD, Suganya Manivannan, MD, Ileana Acevedo, MD, Lysenia Mojica, MD, Jennifer Torres-Velasco, MD

2014-2016

Flor Sanchez, MD, Kelly Kynaston, DO, Minh Ho, DO, Kaley Tash, MD, Joseph Paruolo, MD

2015-2017

Marijesmar Gonzalez, MD, Manuel Castro, MD, Olga Klinkova, MD, Robert Castro, MD, Shuchi Pandya, MD

2016-2018

Misbahuddin Syed, MD, Adam Pettigrew, MD, Louise L. Gutierrez, MD, M. Awais Chughtai, MD, Garabet Akoghlanian, MD, Anteneh Addisu, MD

2017-2019

Mindy Sampson, DO, Shylah M. Pardo, MD, Natan Kraitman, MD, Cristina Garcia, MD, Johonna Asquith, MD,

2018-2020

Greg Teo, MD, Sarah Shewayish, MD, Vidhya Sabapathy, MD, Carlos Perez-Lopez, MD, Andrew Nguyen, MD, Ju Hee Katzman, MD

2019-2021

Hareesh Singam, MD, Zola Nladu, MD, Cody Horn, DO, Jarelys Hernandez Jimendez, MD, Edward Drehs, MD

2020-2022

Thomas Buckhead, MD, Alberto Contreras, MD, Tuhina Cornelius, MD, Michele Davis, MD, Christian Lopez-Padilla, MD, Suhel Sabunwala, MD

Orlando Health Rotating ID Fellow for BMT ID Rotation:

2019 July Francoeur Cadet, MD
2020 March Ishita Katyal, MD
2021 Jan Bhavesh Vekariya, MD
2021 Apr Nilam Jhala, MD (*pending*)

Moffitt Cancer Center Transplant Infectious Diseases Fellowship:

March 2020 MCC granted funding for a fellow FY 2021
Program Director: Aliyah Baluch
Assistant Program Director: Olga Klinkova
Program Coordinator: Martin Kramer
Moffitt Cancer Center Transplant Infectious Diseases Fellows
7/2021 Eloho Ajayi, MBBS (*pending*)

4. Advising, Teaching and Training Experience:

Student Advising:

Fall 2007 to present **Pre-medical Faculty Mentor:** S. Karim
Residency: General Medicine, 2019 – 2022
Fall 2011 to present **Pre-medical Faculty Mentor:** M. Giannios
Residency: Internal Medicine, 2019 – 2022
Fall 2020 **Medical Student Faculty Mentor (Class of 2021):** F. Boyd
Residency: Pathology, *pending*

International Academic Visiting Scholar Program:

Aug 2014 A. Gjini, MD, visiting scholar from Albania (Hours: 160)
Feb – April 2016 M. Madnani, visiting scholar from India (Hours: shared amongst many team members)

Graduate Medical Student Advising / Research Advising:

2009 – 2013 **Medical Faculty Mentor:** H. Battikhi
Residency: Pediatrics 2013 – 2016
2012 – 2015 **Medical Faculty Mentor:** M. Konstantinovic
Residency: Emergency 2016 – 2020
2013 – 2017 **Medical Faculty Mentor:** S. Palmieri
Residency: Anesthesia 2017 – 2021

Graduate Medical Infectious Diseases Fellow Advising / Research Coordination:

2014 – 2016 M. Ho
Who: ID Fellow
What: Antimicrobial stewardship, reviewing the new program
Result: IDSA poster
2019 – present A. Grover
Who: IM Resident

- What: Quality Improvement Multi Disc Project
- Co-advising with T. Kubal, Y. Pasikhova, & M. Snyder
Result: *ongoing data collection*
- 2019 – present G. Teo, C. Horn, G. Krivenko
Who: ID Fellows and Medical Student
What: Strongyloides Hyperinfection
Result: paper written, *pending* submission
- 2019 – present H. Singam
Who: ID Fellow
What: Isavuconazole for Primary Prophylaxis Analysis
- Co-advising with Y. Pasikhova, & other ASP
Pharmacists
Result: IDSA Poster x 2 (2020), *pending paper*
- 2020 N. Fadia
Who: SELECT Summer Program
What: Telehealth during COVID
Result: SELECT Poster
- 2020 – present Z. Nladu
Who: ID Fellow
What: Ureaplasma Disseminated Infection
What: Grover's Diseases and Cutaneous Mucormycosis
- Co-advising with O. Klinkova
Result: IDSA Fellows' Day Oral Presentation (2020),
pending paper
- Moffitt Cancer Center Pharmacy Resident Co-Advising (Co-Advising with Y. Pasikhova in the Department of Pharmacy):**
- 2014 – 2016 Q. Ibekweh
Researched and co-authored paper on Nocardiosis
- 2016 – 2017 M. Snyder
Researched and co-authored numerous works. Most recent works are in reference to de-escalation and vancomycin resistant *Enterococcus* issues at Moffitt.
- 2017 M. Lucena
Researched and presented at pharmacy conference re: delaying the start of antibacterial prophylaxis in bone marrow transplant
- 2017- 2018 E. Kennedy
Researched and presented at ASM the incidence of non-infectious fevers during Haploidentical hematopoietic stem cell transplants
- 2020 A. Mattison
Researched and pending presentation at Moffitt Grand Rounds by Dr. O. Klinkova about a quality improvement project on the utilization of urinalysis and urine cultures in the urgent care setting (*in progress*)

Junior Staff Mentoring:

- Dec 2014 – May 2018 S. Nanjappa
- Dr. Nanjappa moved to Univ of Pittsburgh Medical Center
- Nov 2018 – present O. Klinkova
- Dr. Klinkova is a junior member of the BMT ID team

Medical Graduate Training:

Annual USF Infectious Diseases Preceptor for Journal Club

2013 to present Host and conduct Journal Club for all ID fellows on an annual basis, review statistical evaluation of the current literature

Monthly USF Internal Medicine Noon Lecture Speaker

April 2014 to present General Infectious Diseases related topic discussions including antimicrobial stewardship key learning points

Monthly USF Infectious Diseases Preceptor for ID Fellows on Bone Marrow Transplant Infectious Diseases Rotation

- USF ID fellowship is a total of 11 fellows.
July 2013 to present BMT ID gets a rotating ID fellow who rounds with the BMT ID team in clinic as well as patients in the BMT ward each month

Monthly USF Infectious Disease Host of mini-Journal Club for BMT ID team

July 2014 to present BMT ID team members are assigned 2 to 3 articles on a monthly basis that are reviewed as a group

Monthly USF Infectious Diseases Microbiology Rounds Preceptor for Moffitt Cancer Center / James A. Haley Veterans Affairs Hospital

July 2013 to May 2019 Coordinator of microbiology plate rounds
- Participants come from both Moffitt & JAH VA ID members, Moffitt Pathology and Moffitt Internal Medicine residents to participate in for ID related topics (average ~20 persons each session, each didactic is approximately 1 hr long)

Nov 2014: *Pneumocystis jirovicii*

Dec 2014: Nontuberculous mycobacterium i.e. *M. abscessus*

Jan 2015: Coccidoides

March 2015: Nocardiosis

April 2015: *Candida* sp.

May 2015: *Corynebacterium* sp.

June 2015: Herpes Simplex Viruses

Aug 2015: *Pneumocystis jirovicii*

Sept 2015: Fusariosis

Oct 2015: *Listeria* infection

Nov 2015: Disseminated Mold

Jan 2016: Cytomegalovirus

Feb 2016: Fusariosis

March 2016: Adenovirus / Viral infections

April 2016: Group B *Streptococcus*

May 2016: Anaerobes

June 2016: HSV especially CNS testing

July 2016: Black Molds
Aug 2016: *Listeria*
Sept 2016: *Cunninghamella*
Nov 2016: *Nocardia*
Dec 2016: JC Virus and Meningitis work up
Feb 2017: Disseminated Candidemia with gingivitis
March 2017: Isolated CMV in the GI tract
April 2017: Hepatitis B Virus Reactivation after Avastin®
May 2017: Streptococcal pneumonia post vaccination
June 2017: Non tuberculous mycobacterium
Aug 2017: Nonfermenting gram negative rods
Oct 2017: Mold via pathology only
Nov 2017: Histoplasmosis
Dec 2017: *Pneumocystis jirovicii* in a BMT patient
Jan 2018: *Nocardia* of the lung
Feb 2018: *Strep pneumoniae* infection and work up
Mar 2018: *M. bovis* causing testicular mass
April 2018: Coronavirus especially in
autoHSCT/alloHSCT/immunotherapy patients
June 2018: Coccidiomycosis
Sept 2018: *Corynebacterium*
Oct 2018: *Fusarium* sp.
Nov 2018: *Legionella* sp.
Feb 2019: *Nocardia* of the brain
Mar 2019: Respiratory panels especially multiplex PCRs
Apr 2019: *Cryptococcus* sp.
May 2019: *Pseudomonas aeruginosa* infections
Moratorium until new microbiology physician lead is hired

Weekly USF Infectious Diseases Noon Lecturer

July 2013 to present Infectious Diseases related topic to BMT ID fellow and team on rotation

USF Infectious Disease Lectures on ID Podcast©

May 21, 2010 Review of Recent Literature: Invasive Mould Infections
Jan 2, 2013 Respiratory Viral Infection in Transplant Infectious Diseases
Jan 18, 2013 Introduction to Transplant Infectious Diseases
Oct 1, 2014 Transplant Infectious Diseases: Infections in Cancer Patients
May 6, 2015 Interdisciplinary Infectious Diseases: Sepsis and Specific Case Scenarios

Oct 10, 2015 Work-up and Treatment of Invasive Fungal Infections
Oct 10, 2015 Primer on Respiratory Infections in the Immunosuppressed
Nov 21, 2016 Antibiotic Stewardship in Oncologic Care
July 12, 2017 Bugs, Drugs and Stem Cells
Oct 17, 2018 Invasive Fungal Infections
Jan 6, 2020 Clinical Review of Three BMT Cases

- Jun 19, 2020 Infection Prevention Updates from a Clinical Infectious Diseases Perspective
Jun 19, 2020 Current Issues with Hepatitis for the Florida Provider

Honors and Awards

1. University of South Florida (USF) Dean's List, 1998, 1999, 2000
2. Junior of the Year Award from Golden Key Honor Society, 1999
3. USF Honors William S. Scheurler Award, 1999
4. Guest speaker at Minority Pre-professional Science Students (MPSS) Annual Dinner, 2003
5. Grant recipient jointly from Graduate Medical Education and Office of Diversity at USF College of Medicine (COM) for the recruitment of minority students, 2004
6. Semmelweis Award for an outstanding fourth year medical student in an Infectious Diseases elective at USF COM, 2004
7. Outstanding Commitment and Service Award from Student National Medical Association USF Chapter, 2004
8. Internal Medicine Resident of the Month, James A. Haley Veteran's Hospital, Tampa, FL, 2005
9. Outstanding Resident Award for USF Internal Medicine (top 15% of residents), May to Sept 2005
10. Outstanding Resident Award for USF Internal Medicine (top 10% of residents), Oct to Dec 2006
11. Florida Chapter of American College of Physicians (ACP) Chief Resident Award, Sept 2007
12. Third Place in Research at ACP Canada, Toronto, Canada, Feb 2008
13. Mentor Award during the USF Undergraduate Research Symposium, April 2008
14. Joseph E. Johnson Leadership Day Grant recipient gifted by National ACP, April 2008
15. Canadian Society of Transplantation (CST) – American Society of Transplantation (AST) Distinguished Fellows Research Symposium recipient, Mt. Tremblant, Quebec, Canada, March 2011
16. Trainee Clinical Abstract Award Winner at CST Annual Meeting, Mt. Tremblant, Quebec, Canada, March 2011
17. Young Investigator Award recipient at the American Transplant Congress (ATC), Feb 2012
18. University of Alberta Graduate Students' Association (GSA) Professional Development Grant recipient, April 2012
19. J. Gordin Kaplan Graduate Student Award recipient given by the Faculty of Graduate Students and Research at University of Alberta, May 2012
20. Nick Porter Award for "Spirit of Moffitt" as a member of SMART (antibiotic stewardship program at Moffitt), Feb 2013
21. Fellow of American College of Physicians (FACP) status was awarded, Fall 2013
22. Golden Apple Resident Teaching Award Nominee, 8/2018
23. Member of Moffitt Cancer Center Leadership Academy, 2018-2019
 - a. Required sponsorship by Chief of Department, interviewed, 1 year long program
24. Excellence in Safety Award Nominee, 2018
 - a. 2/5/2019 is the award ceremony
25. Moffitt's Value of Inclusion representative for the State of the Institution Address, Jan 2019
26. Fellow of Infectious Diseases Society of America (FIDSA) status was awarded, July 2019
27. 2019 Charles C. Williams Jr., MD Physician of the Year, Feb 2020

Research Support

1. AlloVIR for Hemorrhagic Cystitis
 - a. Co-PI: R. Faramand
 - b. Co-PI: A. Baluch
 - c. Status: accepted as a site, pending recruitment of patients
2. AlloVIR for Respiratory Infections
 - a. Co-PI: A. Baluch
 - b. Co-PI: R. Faramand
 - c. Status: accepted as a site, pending recruitment of patients
3. Expanded Access to Convalescent Plasma for the Treatment of Patients with COVID-19
 - a. PI: K. Benson
 - b. Co-PI: A. Baluch
 - c. Co-PI: H. Liu
 - d. Sponsor: Mayo Clinic; IND Sponsor: Michael Joyner, MD
 - i. MCC: 20728
 - e. Open to accrual: 7/1/2020
 - f. Closed to accrual: 8/24/2020
4. A Phase 2b/3, Randomized, Double Blind, Placebo Controlled, Adaptive Design Study to Evaluate the Efficacy and Safety of Lerolimab for Patients with Severe or Critical Coronavirus Disease 2019 (COVID-19)
 - a. PI: A. Baluch
 - b. Sponsor: CytoDyn, Inc (CRO Amarex)
 - i. MCC 20806
 - c. Closed to accrual: 12/10/2020
5. BMT CTN 1903
 - a. 2020 onwards: Member of national protocol team looking at HIV in Lymphoma patients
 - b. Protocol is currently submitted and pending evaluation
6. 2021 SOSS Working Group (under BMT CTN)

Service

Moffitt Cancer Center

Committees:

2012 – present

- Member of Moffitt Medical Group Division of Infectious Diseases
 - Antimicrobial Stewardship / SMART
 - Member of the multidisciplinary meeting with ID attendings, pharmacists on ID team, nursing on ID team, representative from microbiology, representative from Infection Prevention and management assistant for ID
 - 2017 Appointed creator and coordinator the annual call schedule for the Moffitt Cancer Center ID group
 - 6/26/2018 Appointed Associate Director of SMART
 - 6/2019 Appointment Subcommittee Chair for Antimicrobial Stewardship (ASP / SMART) as it comes under the committee of Pharmacy and Therapeutics

- 4/2019 Appointed Director of Quality Assurance, Division of Infectious Diseases
 - 5-6/2019 Physician Lead with ASP to create Heme SOP
- 12/2019 Appointed Medical Director of Infectious Diseases Clinic
 - In charge of ongoing optimization of both BMT ID clinic and ID Clinic that is within the Magnolia Multi-Specialty Clinic (MMDSC)
- 2012 – present Infection Control and Epidemiology Committee
 - Quarterly meeting
- 2012 – present Pharmacy and Therapeutics Committee
 - Initially quarterly meeting, as of late 2018 now monthly meeting
 - Voting member
 - 7/15/2015 Interim Chair for Dr. C. C. Williams
 - 4/2018 to 10/2018 Interim Chair
- 2012 – present Medicine Service Committee
 - Quarterly meeting
- 2012 – present Bone Marrow Transplant (BMT) Standard Operating Committee
 - Monthly meeting
- 2014 – 2015 BMT Reunion Committee for 2015
- 2014 – 2017 Cancer Control Journal of the Moffitt Cancer Center Journal Advisory Committee
- 2016 – present Sepsis Steering Committee
 - Weekly to biweekly meetings
 - Physician Lead from ID
- 2017 – present ICE-T Tumor Board and SOP team member, BMT ID representative
 - Weekly meeting
- 2018 – 2019 Promotion and Tenure Committee
 - weekly meeting
- 2020 – present COVID19 Preparations
 - with IT
 - ID Test and Treat PowerPlan
 - COVID19 Nursing Telephone Template
 - with BMT
 - member of BMT COVID19 Response Team
 - with Research
 - co-chair for coordination of COVID Research
- 2020 – present GME Diversity Committee

Individual Committee activities / Hospital Quality Improvement (QI) Projects:

- Sept 25, 2012 Representative for Dr. Greene, Medical Staff Performance Improvement Committee (MSPIC)
- May 21, 2014 Medical Executive Meeting, presented plan for automatic adjustments of antimicrobials based on GFR and protocol was accepted
- Oct 7, 2014 Update for Antimicrobial Stewardship (SMART), Medicine Service Meeting
- Nov 18, 2014 Update for Antimicrobial Stewardship (SMART), Medical Executive Meeting
- Mar 24, 2015 Liaison between Division of Infectious Diseases and Information Technology (IT) for computer physician order entry (CPOE) in reference

	to Home Health Infusion CareSet
Jan 9, 2018	Update for Antimicrobial Stewardship (SMART), Medicine Service Meeting
Jan 9, 2018	Presented with Kay Sams, Infection Prevention, the work up and updated plan of action for <i>C.difficile</i> outbreak to BMT Leadership committee
May 2019	Liaison with IT to create a rule for every new admission to send a notification to the primary team that the pt is admitted
May 2019	Liaison with IT and Antimicrobial Stewardship (Y. Pasikhova) to create a PowerPlan for screening infectious prior to chemotherapy to be available hospital-wide
Aug 2019	Liaison with IT to create a pop-up warning when ordering inhaled pentamidine to flag if the patient is toxoplasmosis IgG positive
Dec 2019	Liaison with IT and Antimicrobial Stewardship (R. Quilitz) to optimize post-operative antimicrobials
Jan 2021	Quality improvement project between Antimicrobial Stewardship, Dr. Klinkova, myself and the Urgent care for urinalyses and urine cultures

Service at University of South Florida Morsani College of Medicine

1. Administrative Appointments:

2007 – 2010 **Clinical Diagnosis & Reasoning Course Proctor**

2. Committees:

2007 – 2008 **Member**, USF Internal Medicine Residency Review Committee
2008 – 2009 **Dean Appointed Member**, USF College of Medicine Student Selection Committee
2012 – present **Member**, University of South Florida Division of Infectious Diseases Committee
2014 – present **Member**, University of South Florida High-Risk Assessment Committee
2015 – present Infectious Diseases representative for USF Department of Internal Medicine online medical journal entitled *Internal Medicine Impact*

3. Philanthropy:

2012 – present Philip T. Gompf Memorial Fund for Infectious Disease Research, contributor and fundraiser, University of South Florida Morsani College of Medicine

Service at the National Level

1. Profession:

2010 – 2011,
2015 – present **Abstract Reviewer**: National abstract reviewer for American College of Physicians
2012, 2015 – present **Ad Hoc Reviewer**: Transplantation
2014, 2015 – present **Ad Hoc Reviewer**: Journal of the National Comprehensive Cancer Network
2015 – present **Ad Hoc Reviewer**: Federal Practitioner
2015 – present **Ad Hoc Reviewer**: Transplant Infectious Diseases
2015 – present **Ad Hoc Reviewer**: Hematology/Oncology and Stem Cell Therapy
2015 – present **Abstract Reviewer**: National abstract reviewer for American Society of Blood and Marrow Transplantation

2019 – present **MKSAP Reviewer:** Infectious Diseases section

2. Committees:

2013 – present

Transplant Infectious Diseases Special Interest Group (TID-SIG) for Bone Marrow Transplant (BMT) TANDEM Meeting: Steering Committee Member

- The committee is 7 persons. There are senior associates including the 2 main leads. I am one of the junior associates. I represent Moffitt Cancer Center to the committee. We utilize teleconferencing and meet annually at TANDEM to create and promote our agenda.

3. Expert Panel / Advisory Committee for Pharmaceutical Companies:

2019

Oncology Group / Transplant Infectious Diseases Panel for the use of Omadacycline (Paratek), Houston, TX

2019 – 2020

Merck Opportunistic Infection Expert Panel applicant

Community:

2007

Lecturer at Seoul Foreign School, "Introduction to Medicine as a field within Science", Seoul, South Korea

2007-2010

Universal Academy of Florida (UAF) Science Fair Judge, Tampa, FL

2008

Hillsborough County Science Fair Judge, Tampa, FL

2008

Lecturer USF College of Medicine students and their mentees from local middle school, Tampa, FL

2008 – 2010, 2012

Community Tampa Bay, outreach volunteer for LGBT youth, Tampa, FL

2012 – present

Volunteer Infectious Diseases physician at James A. Haley VA

2013

BRIDGE Clinic physician volunteer, Tampa, FL

2013

Lecturer Pre-medical American Medical Student Association, "Introduction to the Field of Transplantation", March, Tampa, FL

2013

St. Anthony's Triathlon Medical Tent Volunteer, April, St. Petersburg, FL

2014

Team Captain for 'The Engrafters', Bone Marrow Transplant Miles for Moffitt team, Tampa, FL

2014 – present

Universal Academy of Florida (UAF) Science Fair Judge, Tampa, FL

2015 – present

Volunteer via STARS, Moffitt Volunteer Program, Tampa, FL

2015

Lecturer at St. John Berchmans School, "What is it like to be a Female Physician in Today's World", Chicago, IL

2015

Speaker at 'Day of Remembrance', Moffitt Cancer Center, Tampa, FL

2016

Physician speaker with Medical Interventions class from Ridgewood High School, Tampa, FL

2016 – 2019

Volunteer with 'Families First' program run by the Social Work Program at Moffitt, Tampa, FL

2017

Volunteer Physician Attending at Tampa Health Day, April 15, 2017, Tampa, FL

2017 – 2019

Volunteer for Big Brother Big Sister School to Work program at Moffitt Cancer Center

2019 – onwards

Trinity Café, Tampa, FL

Professional Association Memberships:

2004 – present	Member, American College of Physicians (ACP)
2007 – present	Member, Infectious Diseases Society of America (IDSA)
2010 – present	Member, American Society of Transplantation (AST)
2014 – present	Associate Member, American Society for Blood and Marrow Transplantation (ASBMT)

Peer-Reviewed Publications:

(include published, in press, accepted for publication and submitted)

(please list in order from oldest to most recent)

*(if senior author i.e. first or last author then your name should be bolded **and** underlined otherwise just bold name)*

1. **Baluch, A**, Ramsakal, A, A Rare Reversal of Clostridium perfringens Necrotizing Fasciitis, Consultant and Consultant for Pediatricians, 2011, 52(2): 123.
 - a. Impact Factor 0 in 2011
2. **Baluch, A**, Humar, A, Egli, A, Gubbay, J, Lisboa, L, Wilson, L, Kumar, D, Long Term Immune Responses to Pandemic Influenza A/H1N1 Infection in Solid Organ Transplant Recipients, PLoS ONE, 2011 Dec.
 - a. PMID 22194870
 - b. Impact Factor 3.730 in 2012
3. Silva, M, Humar, A, Shapiro, J, Senior, P, Hoschler, K, **Baluch, A**, Wilson, L, Kumar, D, Humoral immune response following seasonal influenza vaccine in Islet Transplant recipients, Cell Transplantation, 2012 Sep.
 - a. PMID 23006439
 - b. Impact Factor 3.57 in 2013
4. Egli, A, Silva, M, O'Shea, D, Wilson, L, **Baluch, A**, Lisboa, L, Hidalgo, L, Kumar, D, Humar, A, An Analysis of Regulatory T-cell and Th-17 Cell Dynamics during Cytomegalovirus Replication in Solid Organ Transplant Recipients, PLoS ONE, 2012 Oct.
 - a. PMID 23071829
 - b. Impact Factor 3.730 in 2012
5. **Baluch, A**, Humar, A, Eurich, D, Egli, A, Liacina, A, Hoschler, K, Campbell, P, Berka, N, Urschel, S, Wilson, L, Kumar, D, Randomized Controlled Trial of High-Dose Intradermal vs. Standard-Dose Intramuscular Influenza Vaccine in Organ Transplant Recipients, American Journal of Transplantation, 2013 Apr.
 - a. PMID 23406320
 - b. Impact Factor of 6.19 in 2013
6. Alrabaa, S, Nguyen, P, Sanderson, R, **Baluch, A**, Kelkar, D, Karlapalem, C, Thompson, P, Sams, K, Martin, S, Montero, J, Greene, J, Early Identification and Control of Carbapenem Resistant Klebsiella pneumoniae originating from Contaminated Endoscopic Equipment, American Journal of Infection Control, 2013 Jun.
 - a. PMID 23171594
 - b. Impact Factor of 2.326 in 2013
7. **Baluch, A**, Pasikhova, Y, Influenza Vaccination in Oncology Patients, Current Infectious Disease Reports, 2013 Dec.
 - a. PMID 24258350
 - b. Impact Factor of 1.677 in 2014

8. Raturi, R, Palacio, C, **Baluch, A**, Vargas, Johan, Kenney, P, Greene, J, Retrospective Analysis of Opportunistic Brain Abscesses In Patients with Hematologic Malignancies, Infectious Diseases in Clinical Practice, 2014; 22:96-103.
 - a. Impact Factor of 0 in 2014
9. Egli, A, Santer, D, O'Shea, D, Barakat, K, Syedbasha, M, Vollmer, M, **Baluch, A**, Bhat, R, Groenendyk, J, Joyce, M, Lisboa, L, Thomas, B, Battegay, M, Khanna, N, Mueller, T, Tyrrell, L, Houghton, M, Humar, A, Kumar, D, IL-28B is a Key Regulator of B- and T-cell Vaccine Responses Against Influenza, PLoS ONE, 2014 Dec.
 - a. PMID 25503988
 - b. Impact Factor of 3.234 in 2014
10. Egli, A, Humar, A, Widmer, L, Lisboa, L, Santer, D, Mueller, T, Stelling, J, **Baluch, A**, O'Shea, D, Houghton, M, Kumar, D, Effect of Immunosuppression on Th2 and B-cell Responses to Influenza Vaccination, Journal Of Infectious Diseases, 2015 Jul.
 - a. PMID 25589334
 - b. Impact Factor of 5.997 in 2014
11. Fernandez-Ruiz, M, Humar, **A, Baluch, A**, Keshwani, S, Husain, S, Kumar, D, Baseline serum IL-6 to IL-2 ratio is associated with the response to seasonal trivalent influenza vaccine in solid organ transplant recipients, Vaccine, 2015 Nov.
 - a. PMID 26555352
 - b. Impact Factor of 3.77 in 2014
12. **Baluch, A**, State of the globe: The rippling effect of multidrug-resistant gram-negative infections, Journal of Global Infectious Diseases, 2015 (Oct-Dec).
 - a. PMID 26752866
 - b. Impact Factor of 0 in 2014
13. Shannon, K, Pasikhova, Y, Ibekweh, Q, Ludlow, S, **Baluch, A**, Nocardiosis Following Hematopoietic Stem Cell Transplantation, Transplant Infectious Diseases, 2016 Jan.
 - a. PMID 26809666
 - b. Impact Factor of 2.064 in 2015
14. **Baluch, A**, Pasikhova, Y, Snyder, M, Successful management of *Mycobacterium haemophilum* lower extremity cutaneous infection in a matched unrelated donor stem cell transplant recipient, Transplant Infectious Diseases, 2016 Oct.
 - a. PMID 27775824
 - b. Impact Factor of 1.459 in 2015
15. **Baluch, A**, Human Metapneumovirus, Medscape Drugs & Diseases, Updated 1/18/2017, available at <http://emedicine.medscape.com/article/237691-overview>
16. Pasikhova, Y, Ludlow, S, **Baluch, A**, Fever in Cancer Patients, Cancer Control Journal, 2017 Apr.
 - a. PMID 28441374
 - b. Impact Factor of 2.73 in 2015/2016
17. Jaffer, M, Nanjappa, S, **Baluch, A**, Pneumococcal Cellulitis in a Multiple Myeloma Patient, Infectious Diseases in Clinical Practice (IDCP), accepted Sept 2017.
18. Snyder, M, Pasikhova, Y, **Baluch, A**, Early antimicrobial de-escalation and stewardship in adult hematopoietic stem cell transplantation recipients: Retrospective review, Open Forum Infectious Diseases, Oct 2017.
 - a. PMID 29255727
 - b. Impact Factor of 1.05 in 2015

19. Logue, JM, Zucchetti, E, Bachmeier, C, Krivenko, GS, Larson, V, Ninh, D, Grillo, G, Cao, B, Kim, J, Chavez, JC, **Baluch, A**, Khimani, F, Lazaryan, A, Nishihori, T, Lui, HD, Pinilla-Ibarz, J, Shah, BD, Faramand, R, Coghill, AE, Davila, ML, Dholaria, BR, Locke, FL, Immune Reconstitution and Associated Infections Following Axicabtagene ciloleucel in Relapsed or Refractory Large B-cell Lymphoma, Haematologica, 2020.
 - a. PMID 32327504
 - b. Impact Factor of 7.57 in 2018

Invited Publications:

n/a

Books / Book Chapters:

1. **Baluch, A**, Shewayish, S, Neutropenic Fever (Book Chapter), Infections in Neutropenic Cancer Patients, Aug 2019.
 - a. Listed on Amazon as of Aug 2019

Scientific Abstracts/Poster Presentations/Plenary Presentations:

1. Mishkin, J, Postler, G, **Baluch, A**, Toxic Epidermal Necrolysis after Cardiac Catherization, Poster at Florida ACP Meeting, 2004.
2. **Baluch, A**, Ramsakal, A, Greene, J, Langerhans Cell Histiocytosis Presenting as Back Pain, Poster at Florida ACP, Tampa, FL, Sept 2007.
3. **Baluch, A**, Sponaugle, A, Chen, R, Prakash, SR, Career Choice of USF Medical Graduates Compared to National Averages from 1999 to 2007, Poster at USF Health Research Day, Tampa, FL, Feb 2008.
4. Ahmed, A, Prakash, SR, **Baluch, A**, Impact of Technology on Medical Education: A Fifteen Year Review, Poster at USF Health Research Day, Tampa, FL, Feb 2008.
5. Ahmed, S, **Baluch, A**, Prakash, SR, Discovering the Perfect Medical Record: A comparison of Two Medical Record, Poster at USF Health Research Day, Tampa, FL, Feb 2008.
6. Bostick, J, **Baluch, A**, Chen, R, Prakash, SR, Are USF Medical Students selecting the most satisfying medical specialties?, Poster at USF Health Research Day, Tampa, FL, Feb 2008.
7. Greenough, C, **Baluch, A**, Prakash, SR, A Doctor's Dilemma: Advance Directives, Poster at USF Health Research Day, Tampa, FL, Feb 2008.
8. Karim, S, **Baluch, A**, Prakash, SR, Bluetooth: An Emerging Technology in Medicine, Poster at USF Health Research Day, Tampa, FL, Feb 2008.
9. Mendoza, A, Prakash, SR, **Baluch, A**, Type II Diabetes in Children: A Growing New Epidemic, Poster at USF Health Research Day, Tampa, FL, Feb 2008.
10. Shaheed, A, Prakash, SR, **Baluch, A**, A Novel Biochemical Treatment: Monoclonal Antibodies, Poster at USF Health Research Day, Tampa, FL, Feb 2008.
11. Wadhwa, S, Prakash, SR, **Baluch, A**, Defibrillator Use in Europe and U.S.A, Poster at USF Health Research Day, Tampa, FL, Feb 2008.
12. **Baluch, A**, Sponaugle, A, Chen, R, Prakash, SR, Does Gender and Region Play a Role in Career Choice when comparing the South East vs. National Data of the US between 1997 and 2007? Poster at ACP Canada, Toronto, Canada, Feb 2008 and at ACP Nationals in Washington, D.C., May 2008.

13. **Baluch, A**, Karim, S, Prakash, SR, Does Region of the US Affect the Choice of US Medical Graduates during 2004 to 2007? Poster at ACP Canada, Toronto, Canada, Feb 2008.
14. Prakash, SR, Bostick, J, **Baluch, A**, Are Graduating Medical Students in the United States Pursuing the Most Satisfying Medical Specialties? Oral presentation by Dr. Prakash at the International Medical Education Conference, Kuala Lumpur, Malaysia, March 2008.
15. Khalillahmadi, S, **Baluch, A**, Ramsakal, A, It's Not Always Essential Hypertension! Poster at Florida ACP, Palm Beach Gardens, FL, Sept 2008.
16. Glover, C, **Baluch, A**, Guerra, L, The Brugada Syndrome: Electrocardiographic Manifestation of a Potentially Preventable Cause of Sudden Cardiac Death, Poster at Florida ACP, Palm Beach Gardens, FL, Sept 2008.
17. Patel, H, **Baluch, A**, An Infectious Cause for Pancytopenia, Oral presentation at Florida ACP, Spring 2008.
18. Kodali, S, Arabaa, S, **Baluch, A**, Sandin, R, Heinzl, F, Greene, J, Interferon-alpha Therapy for Parainfluenza and RSV Pneumonia in Patients Following Allogeneic HSCT, Poster at IDSA, Philadelphia, Pa, Oct 2009.
19. **Baluch, A**, Blood, L, Wetzstein, G, Vincent, A, Sandin, R, Greene, J, Prevention of Vancomycin Resistant Enterococcus Blood Stream Infections in Colonized Patient With Acute Myelogenous Leukemia, Oral presentation for Clinical Conference Coverage during IDSA, Philadelphia, Pa, Oct 2009.
20. Kelkar, D, **Baluch, A**, Montero, J, Greene, J, Mapping Demographic and Microbiological Correlates in Post GI-Procedure Carbapenemase Producing *Klebsiella pneumoniae* (KPC) Infections in Florida, Poster at SHEA Conference, Mar 2009.
21. Quilitz, R, **Baluch, A**, Franck, R, Ruge, D, Sandin, R, Wetzstein, G, Velez, A, Greene, J, Daptomycin Resistant Enterococcus faecium (DREF) Colonization and Bacteremia in Acute Leukemias (AL) with Neutropenia, Poster at IDSA, Vancouver, BC, Oct 2010.
22. Carrington, M, **Baluch, A**, Velez, A, Greene, J, A Single-Center Ten Year Retrospective Analysis of Fusarium Infection in Patients with Malignancy, Poster at IDSA, Vancouver, BC, Oct 2010.
23. Franck, R, **Baluch, A**, Sandin, R, Greene, J, *Yarrowia lipolytica*, as Normal Human Flora: a Case Series of 24 Patients with Positive Cultures and No Attributable Disease, Poster at IDSA, Vancouver, BC, Oct 2010.
24. **Baluch, A**, Humar, A, Huang, J, Gubbay, J, Wilson, L, Kumar, D, Long Term Immune Responses to pandemic H1N1 Infection in Transplant Recipients, Oral presentation for CST-AST Distinguished Fellows Research Symposium, Mt. Tremblant, Quebec, Mar 2011.
25. **Baluch, A**, Humar, A, Huang, J, Gubbay, J, Wilson, L, Kumar, D, Long Term Immune Responses to pandemic H1N1 Infection in Transplant Recipients, Oral presentation at the Annual Scientific Meeting for CST, Mt. Tremblant, Quebec, Mar 2011.
26. **Baluch, A**, Humar, A, Gubbay, J, Egli, A, Huang, J, Lisboa, L, Wilson, L, Kumar, D, Lack of Sustained Humoral and Cellular Responses in Organ Transplant Recipients after Pandemic H1N1 Infection, Oral presentation at the Annual Scientific Meeting for ATC, Philadelphia, PA, April/ May 2011.
27. **Baluch, A**, Humar, A, Egli, A, Hoschler, K, Campbell, P, Urschel, S, Wilson, L, Kumar, D, Understand the Comparison between Full Dose Intradermal and Standard Dose Intramuscular Influenza Vaccination in Solid Organ Transplant Recipients, Oral presentation at the Annual Scientific Meeting for ATC, Boston, MA, Jun 2012.

28. **Baluch, A**, Liacini, H, Humar, A, Campbell, P, Berka, N, Wilson, L, Egli, A, Kumar, D, Absence of HLA Alloupreulation in Transplant Recipients After Seasonal Influenza Vaccine, Oral presentation at Annual Scientific Meeting for ATC, Boston, MA, Jun 2012.
29. Egli, A, Lisboa, L, Kumar, D, Vanderven, H, **Baluch, A**, O'Shea, D, Humar, A, The Human MicroRNA Response to CMV Viremia Identifies Novel Potential Host-Virus Regulatory Interactions, Oral Presentation at Annual Scientific Meeting for ATC, Boston, MA, Jun 2012.
30. Egli, A, Kumar, D, Broscheit, C, Lisboa, L, **Baluch, A**, O'Shea, D, Vanderven, H, Humar, A, The Impact of Novel Immunosuppressives on CMV-specific Immunity Using In-depth Cytokine Profiling, Oral Presentation at Annual Scientific Meeting for ATC, Boston, MA, Jun 2012.
31. Egli, A, Santer, D, O'Shea, D, **Baluch, A**, Joyce, M, Lisboa, L, Tyrrell, L, Houghton, M, Humar, A, Kumar, D, A Clinical and Mechanistic Study of How Innate Immunity Gene Polymorphisms can Affect Influenza Vaccine Responses Post-Transplant, accepted for Oral Presentation at Annual Scientific Meeting for ATC, Seattle, WA, May 2013.
32. Egli, A, Lisboa, L, Santer, D, O'Shea, D, **Baluch, A**, Humar, A, Kumar, D, A Detailed Analysis of Cell-mediated Immunity to Influenza Vaccination in Transplant Recipients, accepted for Oral Presentation at Annual Scientific Meeting for ATC, Seattle, WA, May 2013.
33. Andreu, A, Adams, A, **Baluch, A**, Clostridium difficile associated diarrhea and Disseminated Salmonella Infection: A Case Report from a Tertiary Cancer Hospital, Poster Presentation at Society of Hospital Medicine, National Harbor, MD, May 2013.
34. Mai, J, Yacoub, A, Soni, K, Mojica, L, Morano, J, **Baluch, A**, Greene, J, Primary Cutaneous Mold Infections in Hematologic Malignancy with a Review of the Literature, Poster at IDSA, Philadelphia, PA, Oct 2014.
35. Palmieri, S, Sanchez-Vargas, F, Pasikhova, Y, **Baluch, A**, I heard it through the Grapevine: Phaeoacremonium aleophilum in the Lungs, Poster at Florida ACP, Orlando, FL, Mar 2015.
36. Pasikhova, Y, Torres-Velazco, J, Ibekweh, Q, Ludlow, S, **Baluch, A**, Nocardiosis in Allogeneic Hematopoietic Stem Cell Transplant Recipients: Retrospective Observational Study, 1993-2013, Poster at ICAAC, San Diego, CA, Sept 2015.
37. Ho, M, Pasikhova, Y, Quilitz, R, **Baluch, A**, Antimicrobial Stewardship at a NCI-designated Comprehensive Cancer Center in Southeastern United States: A Two Year Review, Poster at IDSA, San Diego, CA, Oct 2015.
38. Piccicacco, N, Pasikhova, Y, **Baluch, A**, A Case-Series of Multi-Drug Resistant (MDR) Fusariosis At a Large Cancer Center, Poster at ASM Microbe, Boston, MA, Jun 2016.
39. Snyder, M, Pasikhova, Y, **Baluch, A**, Evaluating Initial Empiric Therapy for Neutropenic Fever in VRE-colonized Patients: Retrospective Review, Poster at Hematology/Oncology Pharmacy Association (HOPA), Mar-April 2017.
40. Lucena, M, Pasikhova, Y, **Baluch, A**, Antimicrobial Prophylaxis Timing in Hematopoietic Stem Cell Transplants, Poster at Hematology/Oncology Pharmacy Association (HOPA), Mar-April 2017.
41. Snyder, M, Pasikhova, Y, **Baluch, A**, Early Antimicrobial De-Escalation and Stewardship in Adult Hematopoietic Stem Cell Transplantation Recipients, Poster at ECCMID, Vienna, Austria, Apr 2017.

42. **Baluch, A**, Pasikhova, Y, *Pneumocystis jirovecii* Infections in HIV Negative Oncology Patients at a NCI-Designated Cancer Center, Poster at ASM Microbe, New Orleans, LA, Jun 2017.
43. Pasikhova, Y, Hayne, J, **Baluch, A**, Oral Ribavirin for the Treatment of Respiratory Syncytial Virus (RSV) and Human Metapneumovirus (hMPV) Infections in Hematology Patients and Stem Cell Transplant (SCT) Recipients at a NCI-Designated Cancer Center, Poster at BMT / TANDEM, Salt Lake City, UT, Feb 2018.
44. Snyder, M, Pasikhova, Y, **Baluch, A**, Evaluating Initial Empiric Therapy for Neutropenic Fever in VRE-colonized patients, Poster at ECCMID, Madrid, Spain, Apr 2018.
45. Pasikhova, Y, Quilitz, R, Greene, J, **Baluch, A**, 5 Year Outcomes of Antimicrobial Stewardship at a NCI-Designated Cancer Hospital, Poster at ASM Microbe, Atlanta, GA, Jun 2018.
46. Hughes, A, Noble, M, Holbrook, M, Jacob, S, Espinoza, J, Snyder, M, Pasikhova, Y, **Baluch, A**, Perkins, J, Incidence of Graft-versus-Host Disease in Patients after Treatment with broad-spectrum Antibiotics for Neutropenic Fever following Allogeneic Hematopoietic Stem Cell Transplant, Poster at Health-System Pharmacists Midyear, Anaheim, CA, Dec 2018.
47. Kennedy, E, Pasikhova, Y, **Baluch, A**, Incidence of Non-Infectious Fevers during Haploidentical Stem Cell Transplant, Poster at ASM Microbe, San Francisco, CA, June 2019.
48. Elmariah, H , Laborde, J, Kim, J, Gonzalez, R, DiMaggio, E, Nishihori, T, Mishra, A, Perez, L, Liu, H, Khimani, F, Ochoa-Bayona, J, Faramand, R, **Baluch, A**, Nieder, M, Lazaryan, A, Sullivan, D, Pidala, J, and Bejanyan, N, The Effect of Mycophenolate Mofetil Dose per Kilogram on Clinical Outcomes of Allogeneic Hematopoietic Cell Transplant with Post-Transplant Cyclophosphamide, Poster at TCT (Transplantation and Cellular Therapies Meetings of ASTCT and CIBMTR®), Orlando, FL, Feb 2020.
49. Ranspach, P, Jun-Min, Z, Pidala, J, Nishihori, T, Nieder, M, Elmariah, H, Faramand, R, Lazaryan, A, **Baluch, A**, Mishra, A, Perez, Lia, Ochoa-Bayona, L, Liu, H, Davila, M, Jain, Michael, Locke, F, Alsina, M, Kim, J, Bejanyan, N, and Khimani, F, Delayed CD4+ T-cell but Faster B-cell Immune Reconstitution after Ptcy-Based Compared to Conventional Gvhd Prophylaxis after Allogeneic Transplantation, Poster at TCT, Orlando, FL, Feb 2020.
50. Krivenko, GS and **Baluch, A**, A Unique Presentation of *Strongyloides stercoralis* Hyperinfection Syndrome: Biliary Fluid with the Nematode, Poster at Florida ACP, Orlando, FL, Mar 2020.

Invited Seminars:

CME Lectures

International / National / Invited Speaker Meeting

1. "Pushing the boundaries: Using high-risk donors", Symposium Speaker at the Canadian Association of Nephrology Nurses and Technologists (CANNT) Annual Meeting, Calgary, AB, Canada, Oct 2011.
2. "Bugs, Drugs and Stem Cells", Symposium Speaker at American Society of Bone Marrow Transplant (ASBMT) Advance Practice Professional (APP) National Conference, Clearwater Beach, FL, Oct 2015.
3. "Antimicrobial Stewardship, What is appropriate in Immunosuppressed Patients?", Grand Rounds Speaker, M. D. Anderson Cancer Center, Houston, TX, Jan 2020.

4. "2020: The Current State of Antimicrobial Stewardship in Immunocompromised Hosts", Symposium Speaker at the Medical Microbiology and Infectious Diseases Society of Pakistan (MMIDSP) Annual Meeting, Lahore, Pakistan, Feb-March 2020.
5. "Infections in Allogeneic Bone Marrow Transplantation and CAR-T Therapy", 19th Annual Shaukat Khanum Virtual Cancer Symposium, Lahore, Pakistan, Nov 7, 2020.

Regional Meeting

1. "Work-up and Treatment of Invasive Fungal Infections (IFI) in the Immunosuppressed", Sarasota Memorial Hospital Grand Rounds, Sarasota, FL, Oct 2015.
2. "An Introduction to Zika Virus & What It Means to Florida", Sarasota Memorial Hospital Grand Rounds, Sarasota, FL, Sept 16, 2016.
3. "Antimicrobial Stewardship in Oncology Care", Florida Association of Clinical Oncology (FLASCO), Orlando, FL, Nov 5, 2016.
4. "Antimicrobial Stewardship Programs for Community Based Healthcare Sites", co-presented with Yanina Pasikhova, PharmD ID, Hosted by Department of Health of Sumter County, The Villages, FL, June 7, 2017.
5. "Clostridium difficile, an Update for the Internist", Sarasota Memorial Grand Rounds, Sarasota, FL, Nov 3, 2017.
6. "HIV for CME Credit", Sarasota Memorial Grand Rounds, Sarasota, FL, Nov 4, 2017.
7. "What's Hot in ID: Immunizations", Sarasota Memorial Grand Rounds, Sarasota, FL, Nov 2, 2018.
8. "HIV for CME Credit", Sarasota Memorial Grand Rounds, Sarasota, FL, Nov 3, 2018.
9. "2019 Infection Prevention Updates from a Clinical Infectious Diseases Perspective", 44th Annual Educational Conference for Florida Professionals in Infection Control (FPIC), Sept 12, 2019.
10. "HIV for CME Credit", Sarasota Memorial Grand Rounds, Sarasota, FL, Nov 2, 2019.
11. "The MOST Succinct COVID19 Presentation You Will Ever Hear", virtual, Aug 25, 2020 (FLASCO, rescheduled due to COVID).
 - a. <https://youtu.be/NenkEX7iBYE>
12. "COVID19 as of November 2020", Philippine Nurses Association of Tampa Bay's Virtual General Assembly and Induction Ceremony, Nov 14, 2020.

Local Meeting

1. "Antimicrobial Stewardship, a Moffitt Perspective Especially Bone Marrow Transplant", University of South Florida Morsani (USF) Morsani College of Medicine Internal Medicine Grand Rounds, Tampa, FL, May 2014.
2. "Measles: Issues for Us and Our Patients", Moffitt Cancer Center Grand Rounds, Tampa, FL, Apr 2015.
3. "Annual Required HIV CME Lecture for Florida Licensure Renewal", co-speaker with Yanina Pasikhova, PharmD ID, Moffitt Cancer Center Grand Rounds, Tampa, FL, Apr 2016.
4. "Zika Virus, How close is it to Florida and therefore Moffitt?", Moffitt Cancer Center Grand Rounds, Tampa, FL, Sept 30, 2016.
5. "ASP vs. Joint Commission, What Do You Really Need to Know?", University of South Florida Morsani (USF) Morsani College of Medicine Internal Medicine Grand Rounds, Tampa, FL, Feb 16, 2017.

6. "The Rise of Syphilis and other STDs in Our Backyard", co-presenter with Yanina Pasikhova, PharmD ID, Moffitt Cancer Center Grand Rounds, Tampa, FL, March 17, 2017.
7. "Intersection of Religion and Healthcare: Judaism", Host and co-creator of lecture series with Moffitt Diversity education / Nursing Professional Development / Chaplaincy, Sept 25, 2017.
8. "Respiratory Infections: A Moffitt Perspective", Moffitt Cancer Center Grand Rounds, Tampa, FL, Dec 1, 2017.
9. "Intersection of Religion and Healthcare: Hinduism", Host and co-creator of lecture series with Moffitt Diversity education / Nursing Professional Development / Chaplaincy, Jan 24, 2018.
10. "Intersection of Religion and Healthcare: Orthodox Christianity with an emphasis on Greek Orthodox", Host and co-creator of lecture series with Moffitt Diversity education / Nursing Professional Development / Chaplaincy, Mar 13, 2018.
11. "5 Year Outcomes of Antimicrobial Stewardship at a NCI-Designated Cancer Hospital", Moffitt Cancer Center Grand Rounds, Tampa, FL, April 6, 2018.
12. "Paradigm Shift in Treatment of *C. difficile* According to IDSA 2018", Moffitt Cancer Center Grand Rounds, Tampa, FL, May 18, 2018.
13. "The Continuum from Hematuria to Hemorrhagic Cystitis", Moffitt Cancer Center BMT Grand Rounds, Tampa, FL, June 5, 2018.
14. "FDA warnings about Fluoroquinolones", Moffitt Cancer Center Grand Rounds, Tampa, FL, Dec 7, 2018.
15. "Sitting on the Shoulders of Giants", Moffitt Cancer Center BMT Grand Rounds, Tampa, FL, Dec 18, 2018.
16. "Current Issues with Hepatitis as is Pertinent to a Member of the CTA Academy", CTO Grand Rounds, Tampa, FL, Jan 8, 2020.
17. "COVID19 Update with an Eye on the Prize: Vaccine Based Immunity", Anatomic Pathology Grand Rounds, Tampa, FL, Oct 1, 2020.
18. "COVID19 Update as of Nov 2020", Philippine Nurses Association of Tampa Bay, Tampa, FL, Nov, 14, 2020.
19. Optimization of Diagnosis and Treatment of Urinary Tract Infections-Antimicrobial Stewardship Program (SMART) Initiative in Moffitt Cancer Center, co-authored with O. Klinkova, Moffitt Grand Rounds, Tampa, FL, Jan 8, 2021.

Non-CME Lectures

Regional Meeting

1. "Introduction to HIV for Healthcare Workers", Speaker/Collaborator between USF Infectious Diseases and the Florida/Caribbean AETC (AIDS Education and Training Center), Seminole Reservation Medical System of South Florida, 2009-2010 (each session ~ 5 persons, 3 sessions total).
2. "Infections in Cancer Patients", CHFA/The Village Grand Rounds, The Villages, FL, Jun 2014.
3. "*Clostridium difficile*: Hematology and HSCT Perspective", Orlando Health Grand Rounds, Sept 2014.
4. "A Primer on Respiratory Infections in the Immunosuppressed", Orlando Health Grand Rounds, Orlando, FL, Oct 2015.

5. "Sepsis and Septic Shock Updated Criteria with Cases", Orlando Health Grand Rounds, Orlando, FL, Apr 2016.
6. "Updated Primer on Respiratory Infections in the Immunosuppressed Population", Orlando Health Grand Rounds, Orlando, FL, Sept 22, 2016.
7. "The Continuum of Hematuria to Hemorrhagic Cystitis", Orlando Health Grand Rounds, Orlando, FL, Sept 28, 2017.
8. "*C. difficile* update per IDSA Jan 2018", Orlando Health Grand Rounds, Orlando, FL, April 26, 2018.
9. "Respiratory Infections in Immunosuppressed Persons", Orlando Health Grand Rounds, Orlando, FL, Jan 24, 2019.
10. "Physician Wellness: the Continuum from Training into Practice", Baylor College of Medicine Infectious Diseases Fellows Lecture, Houston, TX, Jan 31, 2020.

Local Meeting

1. "Acute Hepatitis with a BMT Twist", Moffitt Cancer Center BMT Grand Rounds, Tampa, FL, Dec 2013.
2. "Transplant Infectious Diseases: HCV", Moffitt Cancer Center BMT Grand Rounds, Tampa, FL, Apr 2014.
3. "Updates of *Clostridium difficile* in HSCT, epidemiology and treatment options", Moffitt Cancer Center BMT Grand Rounds, Tampa, FL, Sept 2014.
4. "Interdisciplinary Infectious Diseases: Sepsis and Specific Case Scenarios", Moffitt Cancer Center BMT Grand Rounds, Tampa, FL, Jan 2015.
5. "Mimicry between Infections and 'Other' Syndromes", Moffitt Cancer Center BMT Grand Rounds, Tampa, FL, Aug 2015.
6. "Influenza and Influenza Vaccination for the Cancer Patient", Moffitt Tues TeleTalk, Tampa, FL, Nov 2015.
7. "Invasive Fungal Infections in the Immunosuppressed Population", Moffitt Cancer Center BMT Grand Rounds, Tampa, FL, Mar 2016.
8. "Introduction to Islam and Ramadan, A Healthcare Perspective", Host for Inaugural Lecture via Office of Diversity as a Webinar, Moffitt Cancer Center, Tampa, FL, Jun 2016.
9. "Hepatitis Reactivation While on Immunosuppression or Monoclonals", Moffitt Cancer Center BMT Grand Rounds, Tampa, FL, Apr 4, 2017.
10. "Update on *C. difficile* Infection in Immunosuppressed Patients", Moffitt Cancer Center BMT Grand Rounds, Tampa, FL, Jun 6, 2017.
11. "An Introduction to Infections in Oncologic Patients", Heme Onc Fellows Lecture, Tampa, FL, Oct 10, 2017.
12. "An Introduction to Neutropenic Fever for Heme Onc Fellows", Heme Onc Fellows Lecture, Tampa, FL, July 3, 2018.
13. "HIV In-service for Patient Relations at Moffitt", Moffitt Cancer Center, Tampa, FL, Sept 5, 2018.
14. "Update to Invasive Fungal Infections", USF ID Fellows Lecture James A. Haley (JAH) VA Lecture Series, Tampa, FL, Sept 12, 2018.
15. "Intersection of Religion and Healthcare: Jehovah Witness", Host and co-creator of lecture series with Moffitt Diversity education / Nursing Professional Development, Oct 23, 2018.

16. "Sepsis and Septic Shock, Part II", Moffitt Nursing Grand Rounds, Co-speaker with Yanina Pasikhova & Angela Sandberg, Tampa, FL, Jan 29, 2019.
17. "Back to Basics: Neutropenia and Neutropenic Fever", Bone Marrow Transplant Fellows' Lecture Series, Tampa, FL, Aug 9, 2019.
18. "Case Based Introduction to Epidemiological Infections in Immunosuppressed Patients", Moffitt Cancer Center BMT Grand Rounds, Tampa, FL, Aug 13, 2019.
19. "Difficult Cases in Infectious Diseases: Stem Cell Transplant", Combined USF Internal Medicine and Infectious Diseases JAH VA Lecture Series, Tampa, FL, Sept 4, 2019.
20. "Introduction to Virology 101, Attention Research Team Members", McKinley Research, Tampa, FL, Sept 25, 2019.
21. "Current Issues with Hepatitis as is Pertinent to a Floridian Healthcare Provider", USF ID Fellows Lecture, JAH VA Lecture Series, Tampa, FL, Nov 20, 2019.
22. "Morbidity & Mortality, When is a Normal Abdominal Exam not Benign?", Moffitt Cancer Center BMT Grand Rounds, Tampa, FL, Dec 1, 2020.
23. "How to Interview and Negotiate an ID Employment Contract", USF ID Fellows Weekly Lecture, Dec 15, 2020.