



## **Mohammad T. Al-Bataineh, M.D., Ph.D.**

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Department of Clinical Sciences  
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### **EDUCATION**

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| <b>University of Texas Health Science Center at San Antonio</b>   | <b>2014 - 2015</b> |
| ▪ <u>Postdoctoral Fellowship (Clinical Microbiology)</u><br>- Fungus Testing Laboratory, international reference laboratory for clinical mycology<br>- Microbiology Testing Laboratory, University Hospital |                    |
| <b>University of Texas Health Science Center at San Antonio</b>   | <b>2010 - 2014</b> |
| ▪ <u>Doctor of Philosophy (Ph.D.) in Microbiology &amp; Immunology</u><br>-Successfully defended, October, 2014.  |                    |
| <b>Educational Commission for Foreign Medical Graduates (ECFMG), PA</b>   | <b>2007 - 2009</b> |
| ▪ <u>Licensing Exams</u><br>-Passed United States Medical Licensing Examination (USMLE) Step 1, Step 2 CK, Step 2 CS  |                    |
| <b>Princess Basma Teaching Hospital, Jordan</b>   | <b>2006 - 2008</b> |
| ▪ <u>Internship and Pathology Residency</u>   |                    |
| <b>Jordan University of Science and Technology (JUST), Jordan</b>   | <b>2003- 2005</b>  |
| ▪ <u>Bachelor of Medicine, Bachelor of Surgery (M.B.B.S., M.D.equivalent)</u>   |                    |
| <b>Kufa University, Iraq</b>  | <b>1998 - 2002</b> |
| ▪ <u>Medicine and Surgery</u><br>Transferred (due to 2003 gulf war)   |                    |

## WORK & RESEARCH EXPERIENCES

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- 2017- present University of Sharjah**  
Assistant Professor, Department of Clinical Sciences- College of Medicine
- 2015 -2017 University of Queensland**  
Lecturer, School of Medicine/Ochsner Clinical School
- 2015 -2017 Ochsner Health System**  
Director, International Research Programs  
Assistant Research Scientist, Institute for Translational Research
- 2014 -2015 University of Texas Health Science Center at San Antonio**  
Postdoctoral Fellow, Pathology Department.  
- Fungus Testing laboratory, Nathan Wiederhold, Pharm.D.  
- Microbiology Testing laboratory, Steven Dallas, Ph.D. (ABMM) University Hospital
- 2011 -2014 University of Texas Health Science Center at San Antonio**  
Graduate Research Assistant, Laboratory of David Kadosh, Ph.D., Microbiology Department  
*Research Project*: Elucidating the role of Ppg1 phosphatase in controlling *Candida albicans* morphology and virulence.
- 2010-2011 University of Texas Health Science Center at San Antonio**  
Postdoctoral Fellow, laboratory of Hanna Abboud, M.D. Department of Medicine/Renal disease.  
*Research Project*: Characterizing the molecular and cellular mechanisms of nephrogenic systemic fibrosis upon exposure to gadolinium-based magnetic resonance imaging.

## FELLOWSHIPS AND GRANT SUPPORT

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### ACTIVE

- **T2 Biosystems, Inc. 101 Hartwell Avenue Lexington, MA 02421 8/20/2015 - 8/1/2018**

T2Bacteria Panel Pivotal Study.

The purpose of this study is to demonstrate the safety and effectiveness of the T2Bacteria Panel by validating the clinical performance (i.e. estimated sensitivity and specificity) of the T2Bacteria Panel compared to blood culture results and/or known Bacteria positive status of prospectively collected clinical specimens and contrived (i.e. Bacteria-spiked) whole blood "clinical samples". The data from this pivotal study will be used to support the Premarket Notification for the T2Bacteria Panel to the U.S. Food and Drug Administration.

**Role:** Sub-Investigator

### COMPLETED

- **National Institute of Health (NIH) Ruth L. Kirschstein National Research Service Award for Individual Postdoctoral Fellows F32 DE023471 7/1/2013 - 7/1/2016**

Role of Ppg1 phosphatase in controlling *Candida albicans* morphology and virulence.

The major goal of this fellowship is to identify *PPG1* genetic determinants and molecular mechanisms that control the morphological transition and virulence properties in *C. albicans*.

**Role:** Principal Investigator

## TEACHING EXPERIENCES

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**2015 – 2017 Assistant Professor**, Department of Clinical Sciences- College of Medicine

- Administering microbiology lectures to undergraduate medical students attending College of Medicine.
- Basic and translational mycology research activities.

**2015 – 2017 Director**, International Research Programs at Ochsner Health System

- International Clinical Research Fellowship Program – developed and implemented a unique international research program with the specific goals of providing excellent clinical research experiences for participating fellows and helping them achieve their long-term career goals in the American healthcare system.

**2015 – 2017 Lecturer**, University of Queensland School of Medicine/Ochsner Clinical School

- Mentoring and administering lectures to undergraduate medical students attending Ochsner Clinical School.

**2011 - 2014 Research Mentorship**, University of Texas Health Science Center at San Antonio

- Microbiology Research – mentoring and supervising numerous undergraduate students attending our laboratory. Students learn to acquire the following skills: critical thinking, experimental design and planning, experimental execution, data analysis and presentation.  
Supervisor: David Kadosh, Ph.D.

**2011 - 2013 Teaching Mentorship**, University of Texas Health Science Center at San Antonio

- Medical Microbiology – Lectured medical students, facilitated case discussions and administered quizzes during case conferences. Supervisor: Keith Krolick, Ph.D.

## PUBLICATIONS

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- Title: Increasing Azole and Echinocandin Multidrug Resistance in *Candida glabrata*  
Author(s): **Albatineh, M. T.**; Fothergill, A. W.; Wiederhold, N. P.  
Source: The Ochsner Journal Published: 2016 Vol. 16, No. 3, pp. 337-424.
- Title: The Effects of Treated vs. Untreated Polystyrene on Caspofungin *In Vitro* Activity against *Candida* Species  
Author(s): Fothergill, A. W.; McCarthy, D. I.; **Albatineh, M. T.**; et al.  
Source: J Clin Microbiol Published: 2016 DOI: 10.1128/JCM.02659-15
- Title: First Detection of TR34/L98H and TR46/Y121F/T289A Cyp51 Mutations in *Aspergillus fumigatus* isolates in the United States  
Author(s): Wiederhold, N. P.; **Albatineh, M. T.**; Garcia Gil, V.; Gutierrez, F.; et al.  
Source: J Clin Microbiol Published: 2015 DOI: 10.1128/JCM.02478-15
- Title: Regulatory roles of phosphorylation in model and pathogenic fungi  
Author(s): **Albatineh, M. T.**; Kadosh, D.  
Source: Med Mycol Published: 2015 DOI: 10.1093/mmy/myv098
- Title: Update from the Laboratory: Clinical Identification and Susceptibility Testing of Fungi and Trends in Antifungal Resistance  
Author(s): **Albatineh, M. T.**; Sutton, D. A.; Fothergill, A. W.; et al.  
Source: Infect Dis Clin North Am Published: 2015 DOI: 10.1016/j.idc.2015.10.014

- Title: Ppg1, a PP2A-Type Protein Phosphatase, Controls Filament Extension and Virulence in *Candida albicans*  
Author(s): **Albatineh, M. T.**; Lazzell, A.; Lopez-Ribot, J. L.; et al.  
Source: Eukaryotic Cell Volume: 13 Issue: 12 Pages: 1538-1547 Published: 2014  
DOI: 10.1128/ec.00199-14

## **ABSTRACTS AND POSTER PRESENTATIONS**

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- Mohammad Albatineh**, Fothergill AW, Wiederhold NP. Prevalence of Azole & Echinocandin Multi-Drug Resistant *Candida glabrata*: A Reference Laboratory Experience. Abstract & Poster presentation ICAAC/ICC 2015 meeting, San Diego, California.
- Mohammad Albatineh**, Anna Lazzell, José L. López-Ribot, and David Kadosh “Role of Ppg1, a Protein Phosphatase, in Controlling *Candida albicans* Morphology and Virulence”. Abstract, Oral talk & Poster presentation 2014 12<sup>th</sup> ASM Conference on Candida and Candidiasis, New Orleans, Louisiana.
- Mohammad Albatineh**, Anna Lazzell, José L. López-Ribot, and David Kadosh “Role of Ppg1, a Protein Phosphatase, in Controlling *Candida albicans* Morphology and Virulence”. Abstract & Poster presentation 2012 Departmental Annual Retreat, UT Health Science Center at San Antonio, San Antonio, TX
- Chris A. Mares, **Mohammad Albatineh.**, Fernando Lugo, Ralph R. Isberg and Molly A. Bergman. “YopJ suppresses virulence of *Yersinia* by inducing macrophage apoptosis”. Abstract & Poster presentation 2012 Departmental Annual Retreat, UT Health Science Center at San Antonio, San Antonio, TX
- Mohammad Albatineh**, Anna Lazzell, José L. López-Ribot and David Kadosh “Role of Ppg1, a Protein Phosphatase, in Controlling *Candida albicans* Morphology and Virulence”. Abstract & Poster presentation 2012 Annual Terry M. Mikiten Award, UT Health Science Center at San Antonio, San Antonio, TX
- Mohammad Albatineh** and David Kadosh. “Elucidating the role of protein phosphatase type 2A(PP2A) in *Candida albicans* morphology & virulence” Annual Acquiring Presentation Skills Student Seminar, San Antonio, TX (2011-2014)

## **LEADERSHIP AND COMMUNITY SERVICE**

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- M&I Student Travel Award**- Department of Microbiology & Immunology, University of Texas Health Science Center at San Antonio 2014
- Full Tuition Scholarship** - Higher Education Counsel Award for Biomedical Sciences, Jordan 1998-2005

## **HONORED AND AWARDS**

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- M&I Student Travel Award**- Department of Microbiology & Immunology, University of Texas Health Science Center at San Antonio 2014
- Full Tuition Scholarship** - Higher Education Counsel Award for Biomedical Sciences, Jordan 1998-2005

## **LEADERSHIP AND COMMUNITY SERVICE**

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- Graduate School of Biomedical Sciences (GSBS) Student Representative**, UTHSCSA Infection Policy and Education Committee (IPEC), 2013-2015.
- Peer Advisor**, University of Texas Health Science Center at San Antonio, Graduate School of Biomedical Sciences, 2012 - 2015.

## **PROFESSIONAL SOCIETY AFFILIATIONS**

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- US Cooperative for International Patient Programs (USCIPP), 2016-present.
- American Society of Microbiology, 2011-present.
- American Heart Association, 2009-present.
- ECFMG Certified, 2008-present.
- American Medical Association, 2007-present.
- Certified General Physician, Jordan, 2006-present.