

## CURRICULUM VITAE

**Allison Reeme**

**Department of CTSI**

### OFFICE ADDRESS:

### EDUCATION:

01/2010 - 05/2011 Graduate courses, University of Wisconsin - Milwaukee, Milwaukee, WI  
01/2010 - 05/2011 Graduate courses, University of Wisconsin - Milwaukee, Milwaukee, WI  
07/2011 - 03/2016 PhD, Medical College of Wisconsin, Milwaukee, WI  
07/2011 - 03/2016 PhD, Medical College of Wisconsin, Milwaukee, WI  
07/2011 - 03/2016 Research Assistant/Graduate Student, Department of Microbiology, Immunology and Molecular Genetics, Medical College of WI  
07/2012 - 03/2016 PhD, Clinical and Translational Science Institute, Milwaukee, WI  
07/2012 - 03/2016 PhD, Clinical and Translational Science Institute, Milwaukee, WI  
04/2016 - Present Infection Prevention Specialist, Department of Infection Prevention and Control, Froedtert Hospital, Milwaukee  
08/2016 - 12/2009 BS, University of Wisconsin - Milwaukee, Milwaukee, WI  
08/2016 - 12/2009 BS, University of Wisconsin - Milwaukee, Milwaukee, WI

### CERTIFICATION:

CIC CBIC 4/23/2018 12/31/2023  
Certificates Issued By Issue Date Expiration

### EMPLOYMENT:

### SPECIALTY BOARDS AND CERTIFICATION:

<u>Certificates</u>	<u>Issued By</u>	<u>Issue Date</u>	<u>Expiration</u>
Certification in Infection Control	Certification Board of Infection Control and Epidemiology	04/23/2018	12/31/2023

### AWARDS AND HONORS:

04/01/2014 - Present Travel Award -Immunology, National Institute of Allergy and Infectious Disease  
04/2014 - Present National Institute of Allergy and Infectious Disease Travel Award - Immunology  
2014 - 2016 American Association of Immunologists  
05/2015 - Present Abstract Award - Immunology, American Association of Immunologists  
05/2015 - Present American Association of Immunologists Abstract Award - Immunology  
2016 - Present Association for Professionals in Infection Control and Epidemiology, Member  
11/2017 - Present Association for Professionals in Infection Control and Epidemiology Competency Advancement Assistance Scholarship  
11/2017 - Present Competency Advancement Assistance Scholarship, Association for Professionals in Infection Control and Epidemiology  
12/2017 - Present Association for Professionals in Infection Control and Epidemiology State Seminar Scholarship  
12/2017 - Present State Seminar Scholarship, Association for Professionals in Infection Control and

Epidemiology  
2017 - 2018 American Society for Microbiology  
MEMBERSHIPS IN HONORARY OR PROFESSIONAL SOCIETIES:

**MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:**

04/01/2014 - 12/31/2016 American Association of Immunologists (Member)  
04/01/2016 - Present Association for Professionals in Infection Control and Epidemiology (Member)  
01/01/2017 - 04/01/2018 American Society for Microbiologists (Member)

**PEER REVIEWED WORKSHOPS/PRESENTATIONS:**

**National**

Reeme, AE and RT Robinson, "Vitamin D plays a dynamic role in the Kramnik model of Mycobacterium tuberculosis infection.", Novel Therapeutic Approaches to Tuberculosis (Keystone Symposia), Keystone, CO, 2014  
Reeme AE and RT Robinson, (Oral presentation) "Dynamic effects of vitamin D on the innate and adaptive immune responses during experimental Mycobacterium tuberculosis infection.", Annual Meeting of the American Association of Immunologists, New Orleans, LA, 2015  
Reeme AE and RT Robinson, (Oral presentation) "Dynamic effects of vitamin D on the innate and adaptive immune responses during experimental Mycobacterium tuberculosis infection.", Annual Meeting of the American Association of Immunologists, New Orleans, LA, 2015  
Reeme, AE, Susan Dummer, MaryAnn Moon, Elizabeth Behrens, Susan Huerta, "Improving hand hygiene compliance - Leaders as observers and use of an electronic auditing tool.". APIC National Conference, Philadelphia, PA, 2019  
Reeme, AE and RT Robinson, "Vitamin D plays a dynamic role in the Kramnik model of Mycobacterium tuberculosis infection.", Novel Therapeutic Approaches to Tuberculosis (Keystone Symposia), Keystone, CO, 2014

**Regional**

Bartoszek AE, P Kumar, S Malarkannan, "Immune regulation of tracheal epithelial cell regeneration.", Annual Autumn Immunology Conference, Chicago, IL, 2011  
Reeme, AE, Susan Dummer, MaryAnn Moon, Elizabeth Behrens, Susan Huerta, "Improving hand hygiene compliance - Leaders as observers and use of an electronic auditing tool.". Wisconsin APIC State Conference, Waukesha, WI, 2019  
Bartoszek AE, P Kumar, S Malarkannan, "Immune regulation of tracheal epithelial cell regeneration.", Annual Autumn Immunology Conference, Chicago, IL, 2011

**Local**

Bartoszek AE, JJ Lopnow, DA Steeber, "L-selectin is required for slow rolling of leukocytes.", Annual Biological Sciences Research Symposium, Milwaukee, WI, 2010  
Bartoszek AE, P Kumar, S Malarkannan, "Immune regulation of tracheal epithelial cell regeneration.", Annual Blood Research Institute Annual Immunology Conference, Milwaukee, WI, 2011  
Reeme AE and RT Robinson, "Functional analysis of a novel IL-12 receptor using lentiviral delivery of miRNA.", Annual Medical College of Wisconsin Graduate School Open House, Milwaukee, WI, 2013  
Bartoszek AE, P Kumar, S Malarkannan, "Immune regulation of tracheal epithelial cell regeneration.", Annual Blood Research Institute Annual Immunology Conference, Milwaukee, WI, 2011  
Reeme AE and RT Robinson, "Functional analysis of a novel IL-12 receptor using lentiviral delivery of miRNA.", Annual Medical College of Wisconsin Graduate School Open House, Milwaukee, WI, 2013  
Bartoszek AE, JJ Lopnow, DA Steeber, "L-selectin is required for slow rolling of leukocytes.", Annual Biological Sciences Research Symposium, Milwaukee, WI, 2010

**COMMITTEE SERVICE:**

**Hospital**

01/01/2016 - 12/31/2017 Member, Clostridium difficile Oversight Committee, Froedtert Hospital  
04/01/2016 - Present Member, Infection Prevention and Control Committee, Infection Prevention and Control, Froedtert Hospital  
04/01/2016 - Present Member, Special Pathogen Oversight Committee, Froedtert Hospital

03/01/2017 - Present Human Gene Therapy Expert, Institutional Biosafety Committee, Froedtert Hospital  
11/01/2017 - Present Project Leader, Hand Hygiene Task Force, Froedtert Hospital

#### **MCW TEACHING ACTIVITIES:**

##### **Graduate Student Education**

07/01/2016 Immunology Lecture for Public Health Graduate Students

#### **COMMUNITY SERVICE ACTIVITIES:**

- 2013 - Present Milwaukee School of Engineering SMART team mentor (Wisconsin Virtual High School)
- 2013 - Present Milwaukee School of Engineering SMART team mentor (Wisconsin Virtual High School)
- 2019 Nov 2019
- 2019 Nov 2019 Handwashing Expert -Froedtert Hospital Annual Safety Awareness Online LMS
- 2020 Jan 2020 Invited Speaker - SEW APIC Chapter meeting - Infection Control Considerations for Biological Therapeutics
- 2020 Jan 2020 Invited Speaker - Health Emergency Preparedness Conference - Operational Response to 2009 H1N1 Pandemic Flu
- 2017 Feb 2017-2020 Invited Speaker - Milwaukee County Zoo Health and Safety Fair - Blood Borne Pathogens; Zoonosis
- 2019 Sep 2019 Invited Speaker-Wisconsin National Guard - Infection Control Risks of Flood Water

#### **EXTRAMURAL TEACHING:**

- 01/01/2010 - 05/31/2011 Instructor, Anatomy and Physiology Lab II, University of Wisconsin-Milwaukee, Milwaukee, WI
- 01/01/2013 - 05/31/2013 Molecular Genetics Lab, Carroll University, Waukesha, Wisconsin

### **BIBLIOGRAPHY**

#### **Refereed Journal Publications/Original Papers**

1. Reeme, A.E., Claeys, T., Aggarwal, P., Turner, A., Routes, J., Broeckel, U., Robinson, R.T. (2018) Human IL12RB1 expression is allele-biased and produces a novel IL-12 response regulator. *Genes and Immunity: (ePub)* 1-17
2. Reeme, A.E., Robinson, R.T. (2016) Dietary Vitamin D suppresses pulmonary immunopathology associated with late stage tuberculosis in C3HeB/FeJ mice. *J Immunol* 196:1293-1304.
3. Reeme, A.E., Miller, H.E., Robinson, R.T. (2013) IL12B expression is sustained by a heterogeneous population of myeloid lineage during tuberculosis. *Tuberculosis* 93 (3): 343-56.
4. Ford, N.R., Miller, H.E., Reeme, A.E., Waukau, J., Bengston, C., Routes, J.M., Robinson, R.T. (2012) Inflammatory signals direct expression of human IL12RB1 into multiple distinct isoforms *J Immunol* 189 (9): 4684-46.
5. Malarkannan, S., Awasthi, A., Rajasekaran, K., Kumar, P., Schuldt, K.M., Bartoszek, A., Manoharan, N., Goldner, N.K., Umhoefer, C.M., Thakar, M.S. (2012) IQGAP1: A regulator of intracellular spacetime relativity. *J Immunol* 188(5): 2057-2063.
6. Kumar, P., Bartoszek, A.E., Moran, T.M., Gorski, J., Bhattacharyya, S., Navidad, J.F., Thakar, M.S., Malarkannan. (2012) High throughput detection method for influenza virus. *J Visualized Experiments* (60).
7. Patient-to-Patient Transmission of *Klebsiella pneumoniae* Carbapenemase Variants with Reduced Ceftazidime-Avibactam Susceptibility. (Munoz-Price LS, Reeme AE, Buchan BW, Mettus RT, Mustapha MM, Van Tyne D, Shields RK, Doi Y) *Antimicrob Agents Chemother* 2019 10;63(10) PMID: 31332070  
PMCID: PMC6761506 SCOPUS ID: 2-s2.0-85072570497 07/25/2019
8. Use of a cohorting-unit and systematic surveillance cultures to control a *Klebsiella pneumoniae* carbapenemase (KPC)-producing Enterobacteriaceae outbreak. (Reeme AE, Bowler SL, Buchan BW, Graham MB, Behrens E, Singh S, Hong JC, Arvan J, Hyke JW, Palen L, Savage S, Seliger H, Huerta S, Ledebor NA, Kotay S, Mathers AJ, Cooper VS, Mustapha MM, Mettus RT, Doi Y, Munoz-Price LS) *Infect Control Hosp Epidemiol* 2019 07;40(7):767-773 PMID: 31084655 SCOPUS ID: 2-s2.0-85065637314 05/16/2019

9. Human IL12RB1 expression is allele-biased and produces a novel IL12 response regulator. (Reeme AE, Claeys TA, Aggarwal P, Turner AJ, Routes JM, Broeckel U, Robinson RT) *Genes Immun* 2019 03;20(3):181-197 PMID: 29599514 PMCID: PMC6165718 SCOPUS ID: 2-s2.0-85044534384 03/31/2018
10. Dietary Vitamin D3 Suppresses Pulmonary Immunopathology Associated with Late-Stage Tuberculosis in C3HeB/FeJ Mice. (Reeme AE, Robinson RT) *J Immunol* 2016 Feb 01;196(3):1293-304 PMID: 26729807 PMCID: PMC5289224 01/06/2016
11. IL12B expression is sustained by a heterogenous population of myeloid lineages during tuberculosis. (Reeme AE, Miller HE, Robinson RT) *Tuberculosis (Edinb)* 2013 May;93(3):343-56 PMID: 23491716 PMCID: PMC4413898 03/16/2013.
12. Inflammatory signals direct expression of human IL12RB1 into multiple distinct isoforms. (Ford NR, Miller HE, Reeme AE, Waukau J, Bengtson C, Routes JM, Robinson RT) *J Immunol* 2012 Nov 01;189(9):4684-94 PMID: 23024274 SCOPUS ID: 2-s2.0-84867909487 10/02/2012
13. IQGAP1: a regulator of intracellular spacetime relativity. (Malarkannan S, Awasthi A, Rajasekaran K, Kumar P, Schuldt KM, Bartoszek A, Manoharan N, Goldner NK, Umhoefer CM, Thakar MS) *J Immunol* 2012 Mar 01;188(5):2057-63 PMID: 22345702 PMCID: PMC3286039 SCOPUS ID: 2-s2.0-84857476097 02/22/2012
14. High-throughput detection method for influenza virus. (Kumar P, Bartoszek AE, Moran TM, Gorski J, Bhattacharyya S, Navidad JF, Thakar MS, Malarkannan S) *J Vis Exp* 2012 Feb 04(60) PMID: 22331038 PMCID: PMC3369630 SCOPUS ID: 2-s2.0-84856989933 02/15/2012