

Paul Siebert, M.D.
Infectious Disease Physician
Colorado Infectious Disease Associates, associate partner

TRAINING AND EDUCATION

07/2017-07/2019 Infectious Disease Fellow
University of Colorado Denver, Denver, CO

07/2014 – 07/2017 Internal Medicine Resident
Emory University School of Medicine, Atlanta, GA

08/2010 – 05/2014 Doctorate of Medicine
University of Pittsburgh School of Medicine, Pittsburgh, PA

08/2004 – 05/2008 Bachelor of Arts in Chemistry
Haverford College, Haverford, PA

PROFESSIONAL EXPERIENCE

Medical Director, Infection Prevention, Porter Adventist Hospital 10/2022-present

- Reviewed and advised on cases of potential health-care associated infections
- Provided assistance on creation of infection prevention policies

Associate Partner, Colorado Infectious Disease Associates 07/2020-present

Employee physician, Colorado Infectious Disease Associates 07/2019-07/2020

- Provided consultation services on inpatients at Swedish Medical Center, Porter Adventist Hospital, and Craig Rehab Hospital
- Outpatient infectious disease clinic visits

Guest Researcher, Dept of Microbiology and Immunology, University of Colorado Denver (07/2018-07/2019)

The *Pseudomonas* algZR signaling system and fluoroquinolone resistance

- Currently investigating signaling pathway that appears to control expression of MexEF-OprN, an efflux pump known to function on fluoroquinolone antibiotics, including antibiotic resistance phenotypes. This pathway is also closely connected to mucoid and biofilm phenotypes.

Research Assistant, Dept of Pathology, University of Pittsburgh (04/2011-05/2014)

Defensins and Cirrhosis – Wendy Mars, Associate Professor

- Evaluated the effect of defensins, small peptides secreted by granulocytes, on activation and fibrotic transformation of human and rat liver stellate cells, as well as rat hepatocyte stem cells.
- Findings indicated protective effect in one defensin, with damaging effect from the other.
- Completed manuscript outlining and detailing data per Pitt scholarly project requirements

Research Assistant, Dept of Pathology, University of California-San Diego (06/2011-08/2011)

Defensin Effects on Stellate Cells – Steven Gonias, Chairman of Department of Pathology

- Evaluated the effect of defensins, small peptides secreted by granulocytes, on activation and fibrotic transformation of human and rat liver stellate cells.
- Performed cell culture, Western blotting, and microscopy.

Professional Research Assistant, Dept of Pharmacy, University of Colorado-Denver (02/2009-07/2010)

Vaccine Formulations and Stability – Latoya Jones Braun, Assistant Professor

- Studied effects of vaccine adjuvants and formulations on antigen stability at elevated temperatures.
- Planned and carried out long-term experimental protocols, including formulation preparation, HPLC, colorimetric assays of antigen content, and data analysis.
- Also functioned as assistant lab manager, ordering reagents and organizing maintenance of lab equipment.

Research Assistant, Dept of Chemistry, Haverford College (08/2007-05/2008)

Materials Science Research – Alex Norquist, Assistant Professor

- Senior Thesis: *Toward the Synthesis of Amino-Acid Functionalized Octamolybdates*
- Planned and performed experiments attempting to synthesize novel crystalline octomolybdate compounds incorporating chiral amino acids.
- Prepared experimental formulations and performed powder x-ray crystallography

REU Research Assistant, Dept of Chemical Engineering, University of Colorado-Boulder (06/2007-08/2007)

Materials Science Research, Will Medlin

- Performed experiments on Pt-Si MIS devices
- Maintenance of high-vacuum lab equipment

PUBLICATIONS

[Clapp T](#), [Siebert P](#), [Chen D](#), [Jones Braun L](#). *Vaccines with aluminum-containing adjuvants: optimizing vaccine efficacy and thermal stability*. [J Pharm Sci](#). 2011 Feb;100(2):388-401.

Mulligan, MJ, Siebert P. *Era of global Ebola: risk exposure in health-care workers*. *The Lancet Infectious Diseases*. 2015 Nov 01; 15 (11).

ABSTRACT PRESENTATIONS AT CONFERENCES:**Regional:**

Siebert, Paul and Nguyen, Minh Ly. *Percutaneous Endoscopic Gastrostomy (PEG) Tubes in HIV-Positive Patients: Experience at Grady Memorial Hospital from 2010-2016*. Oral Abstract Presentation. Society of General Internal Medicine, Southern Regional Meeting: New Orleans, LA, 2/13/2017.

Institutional:

Siebert, Paul, and Nguyen, Minh Ly. *Gastrostomy Tubes in HIV+ patients: Experience at Grady Memorial Hospital from 2010-2016*. Poster Presentation. Emory University Internal Medicine Residency Program Research Day. 03/2017

AWARDS AND HONORS**T35 Training Grant in Renal, GI, Endocrine, and Epithelial Research**

Funding for reagents and materials at UC San Diego during summer of 2011, plus stipend for living expenses.

TEACHING EXPERIENCE

Monthly Resident Journal Club: *Does this patient with dyspnea in the Emergency Department have Heart Failure?* Emory University Hospital, 07/2016.

BST Conference Lectures: *Things Go Better with Coke: Cocaine Cutting Agents and Cointoxications*. Grady Memorial Hospital, 02/2016, and *Highway Through the Dengue Zone: Basics of Dengue diagnosis and management*. Grady Memorial Hospital, 01/2017.

Emory University Internal Medicine Residency Capstone Lecture: *Rolling the Dice: The Evidence Behind IDSA Antibiotics Duration Guidelines*. Emory University Hospital Midtown, 05/2017.

Monthly Fellow Case Conference presentations: University of Colorado Denver Infectious Disease Department, including *A Denver Health Patient and the Terrible, Horrible, No-good, Very bad week: Multiple New Diagnoses in an AIDS patient*, *The Illustrated Woman: A case of Pseudomonas necrotizing fasciitis*, and *Getting 110%: Diagnostic Certainty in Extrapulmonary TB*

University of Colorado Infectious Disease Department Journal Club: *Systematic Review and Meta-Analysis of Procalcitonin-Guidance versus Usual Care for Antimicrobial Management in Critically-Ill Patients: Focus on Subgroups Based on Antibiotic Initiation, Cessation, or Mixed Strategies*. Lam et al, *Journal of Critical Care Medicine*, May 2018: 46 (5).

ADDITIONAL EXPERIENCE**Vice President, Treasurer, University of Pittsburgh Shotokan Karate Club (08/2011-05/2014)**

- Achieved 2nd kyu (2nd degree brown belt) over 3 years of training.
- Helped organize recruitment activities, student activities budget, and occasional instruction;