
BIOGRAPHICAL SKETCH

Provide the following information for the key personnel and other significant contributors.
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NAME Matthew Sims	POSITION TITLE Attending Physician, Division of Infectious Diseases Director of Infectious Diseases Research Assistant Director of Epidemiology		
eRA COMMONS USER NAME			
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
State University of New York at Stony Brook	B.S.	1990	Biochemistry
State University of New York at Stony Brook	Ph.D.	1998	Genetics
State University of New York at Stony Brook	M.D.	2000	Medicine
State University of New York at Stony Brook	Residency	2000-03	Internal Medicine
Strong Memorial Hospital, Univ of Rochester	Fellowship	2003-06	Infectious Diseases

A. Positions and Honors

Positions and Employment

1986-1990	Undergraduate Research with Dr. Eugene Katz (Lower eukaryotic growth factors)
1992-1998	Doctoral Research with Dr. Eugene Katz, "Molecular Characterization of Pimaricin Resistance in Dictyostelium Discoideum"
1998-1998	Visiting Researcher, Stanford University, Laboratory of Dr. Arthur Kornberg (Characterization of the polyphosphate kinase gene of Dictyostelium Discoideum)
2000-2001	Intern, Internal Medicine Program, Department of Medicine, SUNY Stony Brook
2001-2003	Resident, Internal Medicine Program, Department of Medicine, SUNY Stony Brook
2003-2006	Fellow, Infectious Diseases, Department of Infectious Diseases, Strong Memorial Hospital, University of Rochester Medical Center (Research project was the development of a FACS based single cycle fitness assay for HIV and the correlation of resistance mutations, fitness, and clinical outcomes).
2006 – present	Attending Physician, Department of Infectious Diseases, William Beaumont Hospital, Royal Oak, MI
2006 – present	Director of Infectious Diseases Research, William Beaumont Hospital, Royal Oak, MI
2006 – present	Assistant Director of Epidemiology, William Beaumont Hospital, Royal Oak, MI

Honors

1988	Schubel Award for Outstanding Research, SUNY Stony Brook
1988	President's Award for Academic Excellence, SUNY Stony Brook
1992-1994	NIH/NIGMS Predoctoral Fellowship, 5 T32 GMO9176
2001	Resident Teacher of the Year, 2000-2001

B. Selected peer-reviewed publications

1. Whitbread JA, Sims M, Katz ER: Evidence for the presence of a growth factor in Dictyostelium Discoideum. Dev Genet 12:78-81, 1991.
2. Sims M: Molecular characterization of Pimaricin resistance in Dictyostelium Discoideum. Doctoral Thesis, SUNY Stony Brook, 1998.

C. Research Support

Ongoing Research Support

CBARMI, University of Rochester U19 Pilot Project B. Marples (PI) 08/01/07- 07/31/08

Temporal Relationships Between Radiological Lung Injury and Airborne Exposure to Fungal Spores:

Cytokine Changes and Pulmonary Complications

The overall goal of this project is to define the biological relationship between radiation-induced pulmonary injury and susceptibility to fungal infection and to determine if this risk can be ameliorated by anti-fungal prophylaxis.

Role: Co-investigator (M. Sims)

Completed Research Support

NONE
