

ESCMID program contacts:

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About Mayo Clinic

- Tertiary care center
- First and largest multidisciplinary, integrated nonprofit medical group practice in the world
- Ranked #1 on the 2015-2018 *U.S. News & World Report* List of “Best Hospitals” in the USA
- Over \$500 million/year spent on research



Providing the best care to every patient every day through integrated clinical practice, education and research



About Clinical Microbiology At Mayo Clinic

- Founded in 1911
- Internationally renowned reference and development laboratory that supports the clinical practice at Mayo Clinic
- >3 million laboratory tests performed annually
- **7 Microbiology Specialty Laboratories:**
 - Initial Processing
 - Bacteriology
 - Mycology
 - Mycobacteriology
 - Virology
 - Hepatitis/HIV
 - Parasitology
 - Infectious Diseases Serology
- **Over 250 staff including:**
 - 7 MD/PhD Laboratory Directors
 - 3 Clinical Microbiology Fellows
 - 8 Research/Development Specialists
 - 9 Education Specialists
- **Accreditation:**
 - U.S. Centers for Medicare and Medicaid Services (CLIA)
 - College of American Pathologists
 - New York State Department of Health
- **Notable milestones:**
 - 1952: Developed Inhibitory Mold Agar
 - 1983: Developed Shell Vial Assay for rapid viral detection
 - 1993: Introduced molecular microbiology testing for routine clinical care
 - 2007: Incorporated routine orthopedic implant device sonication for prosthetic joint infection diagnosis
 - 2011: Introduced routine MALDI-TOF mass spectrometry for routine clinical care
 - 2009-2015: Discovered new tick-borne *Ehrlichia* and *Borrelia* human pathogens



Who We Are: Laboratory Directors/Faculty/Consultants



Robin Patel, MD
Division Chair,
Bacteriology Co-
Director



Bobbi Pritt, MD
Parasitology Director



Elitza Theel, PhD
Infectious Diseases
Serology Director



Joseph Yao, MD
Hepatitis/HIV
Director



Nancy Wengenack, PhD
Mycology/
Mycobacteriology
Director



Matthew Binnicker,
PhD Virology Director



Audrey Schuetz, MD
Bacteriology Co-
Director, Initial
Processing Director

Education in Clinical Microbiology

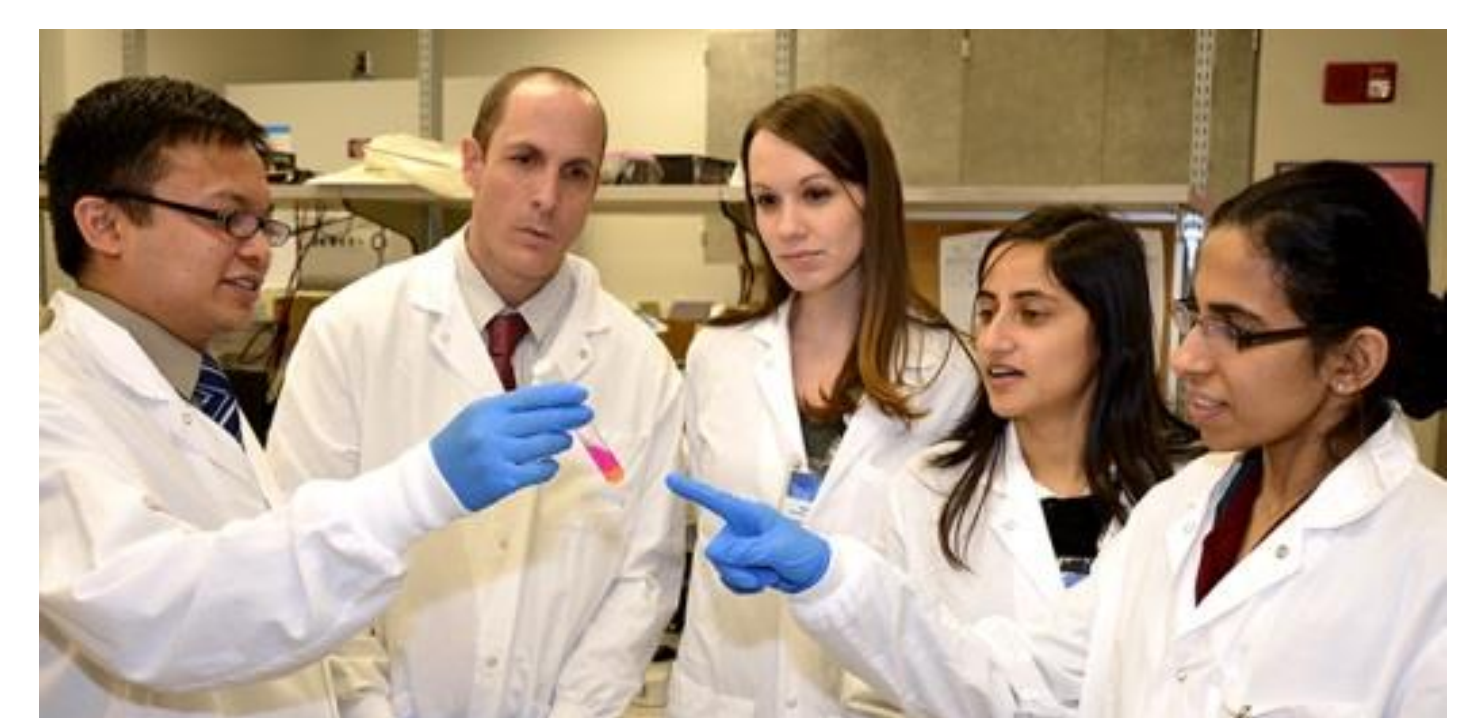
Opportunities for Observers:

- Rotation on clinical benches
- Completion of unknown sets and examinations/quizzes
- Exposure to cutting-edge research and new test development



Rounds and Seminars (selected):

- [Microbiology Teaching Rounds](#) twice/week
- [Book Review Sessions](#) thrice/week
- [Journal Club](#) once/month
- [On-call Conference](#) twice/month
- [Infectious Diseases Grand Rounds](#) once/week
- [Research and Development Conference](#) once/month
- [Infection and Immunity Club](#) several meetings yearly



Education Programs (selected):

- **Mayo Medical School and Mayo Graduate School**
 - Faculty run medical student’s 1st year Microbiology course, teach in graduate school
- **Anatomic and Clinical Pathology Residency**
- **Clinical Microbiology Fellowships**
 - 1-year fellowship for physicians with a medical degree and acceptable US or Canadian residency training in pathology or fellowship training in infectious diseases
 - Accredited by the American Committee for Graduate Medical Education
 - Graduates eligible for American Board of Pathology certification
 - 2-year fellowship for fellows with a doctoral degree in Microbiology (or related field)
 - Second oldest US training program– highest number of graduates/training program
 - Accredited - American Society for Microbiology
 - Graduates eligible for American Board of Medical Microbiology certification