

CURRICULUM VITAE

Name: Cockerill, Franklin R., III, M.D.

Family: [-----

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Education:

Creighton University, B.S. Medicine [-----]
University of Nebraska, M.D. [-----]
Pensacola Educational Program/University of Florida, Surgical Internship [-----]
Mayo Graduate School of Medicine, Residency, Internal Medicine [-----]
Mayo Graduate School of Medicine, Fellowship, Infectious Diseases [-----]
University of Toronto, Residency, Clinical Microbiology [-----]
Mount Sinai Research Institute/University of Toronto, [-----]
Fellowship, Molecular Biology

Awards:

Valedictorian, [-----] [--]
Creighton University Merit Award - for ranking top five percent of college class [-----]
(consistent 4.0 average)
Fellow, American College of Chest Physicians [--]
Sigma Xi - National Honor Society [--]
Fellow, American College of Physicians [--]
Fellow, Infectious Disease Society of America [---]
CR20 Mayo Intramural Research Grant 1991 - 1993
Alpha Omega Alpha (AOA) National Honor Society Alumnus Award, [---]
University of Nebraska Medical Center
Marilyn Coward Award – Northern California Branch,
American Society for Microbiology (NCASM) 2001
Mayo Excellence Through Teamwork Award,
Anthrax Test Development Team (Team Leader) 2002
Fellow, American Academy of Microbiology [-----]
Named Professorship: [-----] Professor of 2003
Microbiology and Medicine, Mayo Clinic College
of Medicine
Faculty Service Award, Mayo Medical School 2004
BD Award for Research in Clinical Microbiology-Presented by the American
Society for Microbiology 2006

Professional Appointments:

Consultant, Department of Medicine, Division of Infectious Diseases 1983 - 1986
and Internal Medicine, Mayo Clinic, Rochester, MN and 1990 -
Consultant, Department of Medicine, Division of Infectious Diseases 1986 - 1990
Mayo Clinic Jacksonville, Jacksonville, FL
Assistant Professor of Medicine, Mayo Clinic College of Medicine 1983 - 1995

Curriculum Vitae - Page 2
Franklin R. Cockerill, III, M.D.

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| Head of Section, Infectious Diseases, Mayo Clinic Jacksonville | 1986-1988 |
| Consultant, Department of Laboratory Medicine and Pathology Division of Microbiology, Mayo Clinic Rochester | 1990 - |
| Assistant Professor of Microbiology and Laboratory Medicine and Pathology, Mayo Clinic College of Medicine | 1991 -1993 |
| Director of Bacteriology, Mayo Clinic Rochester | 1992 - |
| Associate Professor of Microbiology and Laboratory Medicine and Pathology, Mayo Clinic College of Medicine | 1994 - 1997 |
| Director of Basic Science Microbiology Course, Mayo Clinic College of Medicine | 1995 - |
| Associate Professor of Medicine, Mayo Clinic College of Medicine | 1996 - 1998 |
| Chairman, Division of Clinical Microbiology, Mayo Clinic Rochester | 1997 - |
| Professor of Microbiology and Laboratory Medicine and Pathology, Mayo Clinic College of Medicine | 1998 - |
| Professor of Medicine, Mayo Clinic College of Medicine | 1998 - |
| Director of Molecular Microbiology, Mayo Clinic Rochester | 1999 - 2000 |
| [-----] Professor of Microbiology and Medicine Mayo Clinic College of Medicine | 2003 - |

Consultation (Industry):

| | |
|--|-------------|
| Advisor, Vital Blood Culture System, Scientific Committee, bio-Merieux-Vitek, Lyon, France | 1993 - 1996 |
| Advisor, COMBACT Diagnostics, Inc., Tel Aviv, Israel | 1993 - 1999 |
| Advisor, Wampole Laboratories, Cranbury, NJ, USA | 1995 - 1996 |
| Member, Board of Directors, Cockerill Fertilizer Co., Inc., Omaha, NE | 1978 - 1996 |
| Member, Board of Directors, Cockerill Enterprises, Inc., Omaha, NE | 1996 - |
| Member, Roche Applied Science/Roche Molecular Systems Scientific Advisory Board, Indianapolis, IN | 2001 - |
| Member, bioMerieux Scientific Advisory Board, St. Louis, MO | 2005 - |

Consultation (Not for Profit, non-government):

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|---|-------------|
| Advisor, Subcommittee on Antimicrobial Susceptibility Testing, Clinical and Laboratory Standards Institute (CLSI) (formerly NCCLS) | 2001 - 2002 |
| Member, Subcommittee on Antimicrobial Susceptibility Testing Clinical and Laboratory Standards Institute (CLSI) (formerly NCCLS) | 2002 - |
| Advisor, International Symposium on Antimicrobial Agents and Resistance (ISAAR), Seoul, Korea | 2000 - |
| Chairman, Bioterrorism Working Group Subcommittee on Antimicrobial Susceptibility Testing, Clinical and Laboratory Standards Institute (CLSI) (formerly NCCLS) | 2002 - |
| Member, Subcommittee on Molecular Diagnostic Methods for Infectious Diseases, Clinical and Laboratory Standards Institute (CLSI) (formerly NCCLS) | 2003 - |
| Member, Methods for Antimicrobial Dilution and Disk Susceptibility Testing of Infrequently-Isolated or Fastidious Bacteria; Proposed Guideline Working Group, Clinical and Laboratory Standards Institute (CLSI) (formerly NCCLS) | 2003 - |
| Member, Board of Directors, Asian-Pacific Research Foundation for Infectious Diseases (ARFID) | 2003 - |
| Member, Committee for Molecular Diagnostic Methods for Infectious Diseases | 2004 - |

U.S. Government Employment/Service:

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|---|---------------|
| Deputy Director, President's Commission on HIV Epidemic (appointed by President Ronald Reagan) | 1987 |
| Ad Hoc NIH/NIAID Study Section, Member for RFA Basic Research on Human Tuberculosis | 10/31-11/2/94 |
| Ad Hoc Reviewer for MERIT Awards - U.S. Veterans Administration | 1997 |
| Member, Infectious Diseases Workgroup of the Negotiated Rulemaking Committee on Clinical Diagnostic Laboratory Tests, Healthcare Financing Agency (HCFA) (representing the American Medical Group Association) | 1998 |
| Consultant, Microbiology Devices Panel of the Medical Devices Advisory Committee, Center for Devices and Radiological Health, Food and Drug Administration (FDA) | 2001 – |
| NIH/NIAID Study Section, Infectious Diseases and Microbiology (SBIR) | 2001 – |
| Laboratory Response Network (LRN) Member | 2003 – |

Editorial Assignments:

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| Editor, Infectious Diseases Clinics of North America, W.B. Saunders Co. | 2001 Edition |
| Editor, Rapid Cycle Real-Time PCR Methods and Applications, Springer-Verlag | 2001 |

Qualifying Examinations:

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| National Boards Part I, II, III ([-----]) | [-----] |
| American Board of Internal Medicine/Diplomat ([-----]) | [---] |
| American Board of Internal Medicine/Infectious Diseases/ Diplomat ([-----]) | [---] |
| American Board of Pathology, Subspecialty Examination in Microbiology/Diplomat ([-----]) | [---] |

Licensure:

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| Minnesota | [-----] |
| Florida | [-----] |
| DEA | [-----] |

Associations/Committees:

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|---|-------------|
| Fellow, American Academy of Microbiology | |
| Fellow, American College of Physicians | |
| Fellow, American College of Chest Physicians | |
| Fellow, Infectious Diseases Society of America | [-----] |
| Member, American Medical Association | |
| Member, American Society for Microbiology | [-----] |
| Member, American Association for the Advancement of Science | |
| Member, Infectious Disease, Education Steering Committee, American College of Chest Physicians | 1983 |
| Administrator, Infection and Immunity Education Committee, Mayo Clinic Rochester | 1983 - 1986 |
| Member, Biohazards Committee, Mayo Clinic Rochester | 1983 - 1985 |
| Member, Education Committee, Infectious Diseases, Mayo Clinic Rochester | 1983 - 1986 |
| Member, Research Committee, Infectious Diseases, Mayo Clinic Rochester | 1983 - 1986 |
| Member, AIDS Task Force, Mayo Clinic Rochester and State of Minnesota | 1985 - 1986 |
| Member, Liver Transplant Committee, Mayo Clinic Rochester | 1985 - 1986 |

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|---|-------------|
| Member, Pharmacy and Therapeutics Committee, Mayo Clinic Rochester | 1984 - 1986 |
| Member, Ad Hoc Laboratory Medicine Committee, Mayo Clinic Jacksonville | 1986 |
| Chairman, Infection Control Committee Mayo Clinic Jacksonville | 1986 - 1988 |
| Member, Internal Medicine Clinical Practice Committee, Mayo Clinic Jacksonville | 1987 |
| Member, Clinical Practice Committee Mayo Clinic Jacksonville | 1987 |
| Institutional Review Board Coordinator, Mayo Clinic Jacksonville | 1987 |
| Member, Mayo Foundation System Wide Research Committee | 1987 |
| Member, St. Luke's Hospital Infection Control Committee, Mayo Clinic Jacksonville | 1987 |
| Member, St. Luke's Hospital Pharmacy and Therapeutic Committee, Mayo Clinic Jacksonville | 1987 |
| Member Coordinating Committee Mayo Clinic Rochester | 1991 |
| Chairman, Coordinating Committee Task Force for Computerized Test Reports Mayo Clinic Rochester | 1991 |
| Member Research Committee, Infectious Disease, Mayo Clinic Rochester | 1991 |
| Member Library Committee, Laboratory Medicine, Mayo Clinic Rochester | 1993-1994 |
| Member Infection Control Committee, Laboratory Medicine, Mayo Clinic Rochester | 1993-2000 |
| Member Laboratory Medicine Continuous Improvement Committee (CSF Analysis), Mayo Clinic Rochester | 1994-1995 |
| Member, Laboratory Medicine Process Transformation Committee (Outpatient Laboratory Services), Mayo Clinic Rochester | 1995 |
| Member, Mayo Foundation Biohazards General Committee and Executive Subcommittee | 1996 - 2000 |
| Member, Scientific Foundation of Medical Practice Curriculum Committee, Mayo Medical School | 1996 - |
| Member, Child Care Task Force, Mayo Clinic Rochester | 1997 - 1998 |
| Member, Executive Committee, Laboratory Medicine and Pathology, Mayo Clinic Rochester | 1997 - |
| Member, Infection Control Continuous Improvement Task Force (Blood Culture Contamination), Mayo Clinic Rochester | 1997 |
| Member, Infectious Diseases Clinical Practice Committee, Mayo Clinic Rochester | 1998 - |
| Member, Molecular Diagnostics Working Group, Mayo Clinic Rochester | 1998 |
| Member, Committee on Emerging Infectious Diseases, Infectious Diseases Society of America (IDSA) | 1998 - 2000 |
| Member, Blood Culture Drawing Blitz CI Team, Mayo Clinic Rochester | 1998 |
| Member, Department of Laboratory Medicine and Pathology Clinical Pathology Working Group, Mayo Clinic Rochester | 1999 - |
| Member, Trip Committee, Mayo Clinic Rochester | 1999 - |
| Member, Department of Laboratory Medicine and Pathology Information Technology Committee, Mayo Clinic Rochester | 2000 - |
| Member, Fee Committee, Mayo Clinic Rochester | 2002 - |
| Member, Finance Committee, Department of Laboratory Medicine and Pathology, Mayo Clinic, Rochester | 2003 - |
| Member, Program Committee International Symposium on Antimicrobial Agents and Resistance | 2003 |
| Vice Chairman, Associates Committee, Mayo Foundation | 2005 - |

Research (Active):

Genetic evaluation of isoniazid resistance in *M. tuberculosis*
Genetic evaluation of invasion of human epithelial cells by group A streptococci
(*Streptococcus pyogenes*)
Genetic evaluation of virulence factors in the enteropathogen, *Enterococcus rattus*
Development of rapid nucleic acid extraction techniques for clinical specimens
Development of rapid real-time PCR diagnostic test for infectious diseases

Patent Allowances:

1. U.S. Patent No. 5,658,733. Detection of isoniazid-resistant strains of *M. tuberculosis* (August 19, 1998).
2. U.S. Patent No. 5,688,639. Detection of isoniazid-resistant strains of *M. tuberculosis* (November 18, 1997).
3. U.S. Patent No. 5,922,575. Mutation in the *katG* gene useful for detection of *M. tuberculosis*.
4. International Application No. PCT/US98/09285. Mutations in the *katG* gene useful for detection of *M. tuberculosis* and Isoniazid Resistance (July 2001).
5. U.S. Patent No. 6,593,093. Detection of group A Streptococcus (July 2003)

Licenses and Inventions:

1. Laboratory Diagnosis of Herpes Simplex Virus (HSV) Infections in the Clinical Microbiology Laboratory by LightCycler PCR – licensed to Roche Diagnostics GmbH, June 2, 2002.
2. Detection of Epstein-Barr Virus (EBV) DNA in the Clinical Laboratory by LightCycler PCR – licensed to Roche Diagnostics GmbH, July 1, 2002.
3. Swab Sample Extraction System for Laboratory Analysis (S.E.T.S. Tube) – licensed to Roche Diagnostics GmbH, July 1, 2002.
4. Rapid PCR Assay for Staphylococcus *mecA* – licensed to Roche Diagnostics GmbH, September 1, 2002.
5. Real-Time Molecular Detection of Vancomycin Resistant Enterococci (VRE) – licensed to Roche Diagnostics GmbH, September 1, 2002.
6. Stool Transport and Recovery STAR Buffer – licensed to Roche Diagnostics GmbH, October 1, 2002.
7. Detection of Group B Streptococcus by LightCycler – licensed to Roche Diagnostics GmbH, October 1, 2003.
8. Detection of *Bordetella pertussis/parapertussis* by LightCycler – licensed to Roche Diagnostics GmbH, February 2005
9. Detection of Group B Streptococcus by LightCycler – licensed to Roche Diagnostics GmbH, February 2005

10. Detection of Varicella-zoster virus by LightCycler – licensed to Roche Diagnostics GmbH, February 2005

Mayo Clinic Meeting Faculty Participation:

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|---|------------------------|
| Clinical Reviews - Mayo Rochester | 1983, 1984, 1985, 1986 |
| Medical Grand Rounds | 1983, 1996 |
| Microbiology Reviews - Mayo Rochester | 1983, 1985, 1987, 1991 |
| Internal Medical Review Course - Mayo Rochester | 1984, 1985, 1987 |
| Postgraduate Course in Pulmonary, Allergy, and Infectious Diseases Mayo Rochester | [---] |
| Mycology Reviews - Mayo Rochester | 1987 |
| Mayo Medical Laboratories Phlebotomy - Putting the Puzzle Together | 1993 |
| Clinical Reviews - Mayo Scottsdale | 1993 |
| Cells, Genes and DNA, Mayo Rochester | 1993 |
| <i>Helicobacter pylori</i> Disease Management Strategies Program - Mayo Medical Laboratories | 1997 |
| Isoniazid Action and Resistance in <i>M. tuberculosis</i> : New Insights From Interdisciplinary Research at Mayo - Pharmacology Seminar Mayo Rochester | 1998 |
| Nephrology Grand Rounds: Nanobacteria as a Cause of Kidney Stones? | 1999 |
| LightCycler Technology, Moving into the Future – Mayo Lab Management Meeting – Signs of the Times | 11/2002 |
| Beating the Odds: An Integrated Team Approach for Accelerated Development of a Rapid Test for Anthrax – Mayo Associate Presentation | 11/2002 |
| Clinical Presentation and Laboratory Diagnosis on Agents of Bioterrorism – Mayo Reference Services Satellite Broadcast | 06/2003 |
| Laboratory Technology Update – Integration Through Community Laboratory Insourcing; Implementing a Successful Laboratory Outreach Program | 06/2004 |
| Surgical Conference – “Rapid Detection of MRSA and VRE by Real-Time PCR” Workshop - “Real-Time PCR for the Clinical Microbiology” Mayo Reference Services | 08/2005 11/2005 |

National Meeting Faculty Participation:

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| 49th Annual Session, Chicago, Illinois, American College of Chest Physicians "Diagnostic Approach for Pulmonary Disease" | 1983 |
| 65th Annual Session American College of Physicians, Atlanta, Georgia "Pulmonary Infectious Disease Course" Annual Session | 1984 |
| American College of Physicians (Minnesota Chapter) "AIDS, The Plague of the 20th Century" | 1985 |
| Annual Meeting North Central Chapter of the Infectious Diseases Society of America (IDSA), Minneapolis, MN “Outbreak of Severe Invasive Streptococcal Diseases in Southeastern Minnesota” | 1996 |
| MeritCare Annual Infectious Diseases Conference, Fargo Clinic, Fargo, ND “Invasive Group A Streptococcal Infection” | 1997 |
| Antibiotic Resistance in Gram-Positive Bacteria, University of Minnesota, Minneapolis, MN "Pitfalls of Laboratory Testing of Selected Gram-Positive Bacteria" | 2000 |
| Annual Meeting, North Central Chapter of the Infectious Diseases Society of North America (IDSA), Minneapolis, MN. “Advantages and Challenges of Real-Time PCR in the Clinical Microbiology Laboratory” | 2001 |
| Annual Meeting of the Northern California Association for Microbiology (ASM). | 2001 |

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| Berkley, CA. “Applications and Challenges of Real-Time PCR for the Clinical Laboratory | |
| Northern Florida Association of Microbiologists Meeting, Jacksonville, FL “Applications and Challenges of Real-Time PCR for the Clinical Laboratory | 2002 |
| Association for Molecular Pathology (AMP) Orlando, FL “Molecular Testing for Antibiotic Resistance” | 2003 |
| 4 th Las Vegas Dermatology Seminar Las Vegas, NV “Bioterrorism: How to Recognize it in the Laboratory” | 2003 |
| APHL Infectious Disease Conference Denver, CO. “Application of Commercial Assays in Bioterrorism Testing: Validation, Evidentiary and Public Health Issues” | 2003 |
| Franklin P. Koontz Lectureship Visiting Professor (VP) Program University of Iowa College of Medicine, Iowa City, Iowa “PCR-Evolution from Research to Routine Diagnostics” “Case Presentations: Emerging/Re-emerging Infectious Diseases in Two “Blue” States in the Upper Midwest” “Molecular Detection of Antimicrobial Resistance in Routine Laboratory Practice” | 2005 |
| American Association of Clinical Chemistry Orlando, FL – How the Practice of Medicine Informs Technology “PCR: Evolution from Research Tool to Routine Diagnostics” | 2005 |
| 45 th Interscience Conference on Antimicrobial Agents and Chemotherapy (ICAAC) New Orleans, LA – Convener of Symposium – “Utility & Pitfalls of Rapid Microbiologic Tests” “Rapid Molecular Tests for Group A & B Streptococci in 2005: Where do we Stand?” – Speaker | 2005 |
| ASCP Teleconference “Response of the Microbiology Lab to Emerging and Re-emerging Infectious Diseases” | 2005 |

International Meeting Faculty Participation:

| | |
|---|------|
| Visiting Professor in Microbiology and Infectious Diseases, Toronto Hospital and Mt. Sinai Hospital, University of Toronto, Toronto, Canada “Genetic Evaluation of Isoniazid Resistance in <i>M. tuberculosis</i> ” | 1995 |
| International Meeting on the Evolution of Antimicrobial Resistance, Rome, Italy “Genetic Susceptibility Testing” | 1997 |
| International Conference on Microbiology and Infectious Diseases Santiago, Chile – Invited Speaker “Genetic Detection of Antimicrobial Resistance” “Rapid Real-Time PCR” | 2000 |
| 101 st Annual Meeting of the American Society for Microbiology (ASM) Orlando, FL. Convener and Speaker for Symposium “Real-Time, Real-Fast, Real-Easy Molecular Diagnostics for the Clinical Microbiology Laboratory” | 2001 |
| 101 st Annual Meeting of the American Society for Microbiology (ASM) Orlando, FL. – Invited Speaker “Applications and Challenges of Real-Time Molecular Diagnostics” | 2001 |
| Third International Symposium on Antimicrobial Agents and Resistance (ISAAR 2001), Seoul, Korea. – Invited Speaker “Genetic Detection of Antimicrobial Resistance – General Principles” “Genetic Detection of Antimycobacterial Resistance” | 2001 |
| 102 nd Annual Meeting of the American Society for Microbiology (ASM) Salt Lake City, UT. Convener and Speaker for Workshop “Rapid Cycle Real-Time PCR for the Clinical Microbiology Laboratory” | 2002 |
| 102 nd Annual Meeting of the American Society of Microbiology (ASM) | 2002 |

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| <p>Salt Lake City, UT. – Invited Speaker “Rapid Diagnostics and Detection of Antibiotic Resistance in “Real Time” Annual Meeting and Clinical Exposition of the American Association of Clinical Chemists (AACC), Orlando FL. “Rapid Testing for Streptococcal Infection: How effective Is It?”</p> | 2002 |
| <p>The 18th International Congress of Clinical Chemistry and Laboratory Medicine Kyoto, Japan. – Convenor and Lecturer “New Technologies for the Rapid Diagnosis of Tuberculosis”</p> | 2002 |
| <p>The Chilean Infectious Disease Society La Serena, Chile – Invited Speaker “Surveillance for Antimicrobial Resistance” Symposium “Importance of Standardization in Susceptibility Testing” Lecture</p> | 2003 |
| <p>4th International Symposium on Antimicrobial Agents and Resistance Seoul, Korea. “Genotypic Susceptibility Testing of Bacteria” Lecture “Genomics and Proteomics for Development of Novel Antibiotics” Convenor</p> | 2003 |
| <p>International Federation of Clinical Chemistry and Laboratory Medicine. 9th Bergmeyer Conference, Garmisch-Partenkirchen, Germany “Rapid Detection of Pathogens and Antimicrobial Resistance in Intensive Care Patients”</p> | 2003 |
| <p>103rd General Meeting of the American Society for Microbiology (ASM) Washington, DC Convenor and Speaker for Workshop “Rapid-Cycle Real-Time PCR for the Clinical Microbiology Laboratory.”</p> | 2003 |
| <p>14th European Congress of Clinical Microbiology and Infectious Diseases (ESCMID) Prague, Czech Republic – Invited Speaker “Advances in the Microbiologic Diagnosis of <i>S. pyogenes</i> (GAS) pharyngitis”.</p> | 2004 |
| <p>104th General Meeting of the American Society for Microbiology (ASM) New Orleans, LA Convenor and Speaker for Workshop “Rapid-Cycle Real-Time PCR for the Clinical Microbiology Laboratory.”</p> | 2004 |
| <p>In Vitro Diagnostics International Symposium for Africa Johannesburg, South Africa –Invited Speaker “PCR: Evolution from Research to Routine Diagnostics”</p> | 2004 |
| <p>Visiting Professor – University of Witwatersland, Johannesburg, South Africa “PCR: Evolution from Research to Routine Diagnostics”</p> | 2004 |
| <p>Visiting Professor-Department of Laboratory Medicine, Samsung Medical Center 10th Anniversary Celebration Seoul, Korea “PCR: Evolution from Research to Routine Testing”</p> | 2004 |
| <p>5th International Symposium on Antimicrobial Agents and Resistance (ISAAR 2005) Seoul, Korea – Invited Speaker “Detection of Mycobacterial Resistance” “Molecular Detection of Antimicrobial Resistance in the Routine Laboratory”</p> | 2005 |
| <p>105th General Meeting of the American Society for Microbiology (ASM) Atlanta, GA Convenor and Speaker for Workshop “Rapid-Cycle Real-Time PCR for the Clinical Microbiology Laboratory.”</p> | 2005 |
| <p>4th European Meeting on Molecular Diagnostics Scheveningen, The Netherlands</p> | 2005 |

Mentorship:

Postdoctoral Trainees
(minimum of 1 year)

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Current Position

Senior Associate Consultant, Gastroenterology and Internal
Medicine, Instructor in Medicine, Mayo Clinic and Mayo
Medical School, Rochester, MN

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Infectious Disease Clinician, Iowa Methodist Hospital and

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[-----
-----] Clinics, Des Moines, IA
Senior Associate Consultant, Infectious Diseases and Internal
Medicine, Instructor in Medicine, Mayo Clinic and Mayo
Medical School, Rochester, MN
[-----
-----] Professor and Chairman, Division of Pulmonary Medicine, Tokyo
National Chest Hospital, Tokyo, Japan
[-----
-----] Resident, Pathology, Allegheny University of Health Sciences
(Hahnemann Division), Philadelphia, PA
[-----
-----] Senior Associate Consultant, Infectious Diseases and Internal
Medicine, Instructor in Medicine, Mayo Clinic and Mayo
Medical School, Rochester, MN
[-----
-----] Clinical Microbiology Fellow, Mayo Clinic
[-----
-----] Microbiology Section, Department of Pathology, Tripler Army
Center, 1 Jarrett White Road, Honolulu, HI

Research Trainee (1 year)

----] Mayo Mycology Laboratory Technologist, Rochester, MN

Current Position

**Medical Students
(Research Quarter)**

Current Position

----] Resident, Family Medicine, University of New Mexico,
Albuquerque, NM
[-----
[----] Resident, Family Practice, Mayo Clinic Jacksonville,
Jacksonville, FL
[----] Resident, Family Medicine, Emory University, Atlanta, GA
[-----
-----] Resident, Family Medicine, University of Minnesota,
Minneapolis, MN
[-----
----] Fellow, Internal Medicine, Massachusetts General Hospital
• Arthur Ashe Program in AIDS Care, Harvard AIDS
Institute ([-----])*
• Bristol-Myers Squibb Program in Academic Medicine
([-----])*
• National Medical Fellowship, Inc., Merit Award (1997)*
[-----
----] Mayo Medical Student – Year IV

Thesis Committees:

Current Position

-----] Consultant, Division of Clinical Microbiology, Mayo Clinic,
Rochester, MN
[-----
-----] Infectious Diseases Research Laboratory, Rochester, MN
[-----
-----] Graduate Student, Mayo Graduate School, Rochester, MN

*Dr. Cockerill served as the sponsor for these award applications.

BIBLIOGRAPHY

Peer-Reviewed Publications:

1. **Cockerill FR**, Wilson WR, Van Scoy RE. Traveling toothpicks. *Mayo Clin Proc* 58:613-616, 1983.
2. **Cockerill FR**, Edson RS. Trimethoprim-Sulfamethoxazole. *Mayo Clin Proc* 58:147-153, 1983.
3. Hermans PE, **Cockerill FR**. Antiviral Agents. *Mayo Clin Proc* 58:217-222, 1983.
4. **Cockerill FR**, Roberts GD, Rosenblatt JE, Utz JP, Utz DC. An epidemic of Namekagon fever (pulmonary blastomycosis) in Wisconsin canoeists. *Chest* 86:688-692, 1984.
5. Morgan MA, **Cockerill FR**, Cortese DA, Roberts GD. Disseminated sporotrichosis with *Sporothrix schenckii* fungemia. *Diagn Microbiol Infect Dis* 2:151-155, 1984.
6. Rosenow EC, **Cockerill FR**, Wilson WR. Pulmonary disease in the immunocompromised host (first of two parts). *Mayo Clin Proc* 60:473-487, 1985.
7. Wilson WR, **Cockerill FR**, Rosenow EC. Pulmonary disease in the immunocompromised host (second of two parts). *Mayo Clin Proc* 60:610-631, 1985.
8. **Cockerill FR**, Wilson WR, Rosenow EC, Carpenter HA, Smith T. Open lung biopsy in immunocompromised patients. *Arch Intern Med* 45:1398, 1985.
9. **Cockerill FR**, Lee DT, Rosenblatt JE. Comparison of clindamycin, metronidazole, and penicillin in the treatment of experimental infections in mice caused by β -lactamase producing *Bacteroides intermedius*. *Diagn Microbiol Infect Dis* 5:25-30, 1986.
10. **Cockerill FR**, Hurley DR, Malegelada JR, LaRusso NF, Edson RS, et al. Polymicrobial cholangitis and Kaposi's sarcoma in blood product transfusion-related acquired immune deficiency syndrome. *Am J Med* 80:1237-1240, 1986.
11. *Coffey RJ, Addison TB, Lie JT, **Cockerill FR**. Acquired immune deficiency syndrome (AIDS): liver involvement with *Cryptococcus neoformans* as the presenting manifestation of disseminated cryptococcosis and a review of hepatic disease in male homosexuals. *Intern Med Spec* 7:10-13, 1986.
12. *Paya CV, Roberts GD, **Cockerill FR**. Laboratory diagnosis of disseminated histoplasmosis: clinical importance of the lysis-centrifugation blood culture technique. *Mayo Clin Proc* 62:480-485, 1987.
13. Martin WJ, Smith TF, Sanderson DR, Brutinel WM, **Cockerill FR**, Douglas WW. Role of bronchoalveolar lavage in the assessment of opportunistic pulmonary infections: utility and complications. *Mayo Clin Proc* 62:549-557, 1987.
14. *Paya CV, Roberts GD, **Cockerill FR**. Transient fungemia in acute pulmonary histoplasmosis: detection by new blood-culturing techniques. *J Infect Dis* 156:313-315, 1987.
15. **Cockerill FR**, Edson RS. Trimethoprim-Sulfamethoxazole. *Mayo Clin Proc* 62:921-929, 1987.

16. Hermans PE, **Cockerill FR**. Antiviral agents. *Mayo Clin Proc* 62:1108-1115, 1987.
17. Wilson WR, **Cockerill FR**. Tetracycline, chloramphenicol, erythromycin and clindamycin. *Mayo Clin Proc* 62:906-915, 1987.
18. Fernandez-Guerreo MT, Edson RS, **Cockerill FR**, Roberts GD. Comparison of the DuPont Isolator to the Roche Septic-Chek for the detection of fungemia. *J Clin Microbiol* 25:1623-1625, 1987.
19. *Steckelberg JM, **Cockerill FR**. Serologic testing for human immunodeficiency virus antibodies. *Mayo Clin Proc* 63:373-380, 1988.
20. Musial CE, **Cockerill FR**, Roberts GD. Fungal infections of the immunocompromised host: clinical and laboratory aspects. *Clin Microbiol Rev* 1:349-364, 1988.
21. Sherman P, **Cockerill FR III**, Soni R, Bruton J. Outer membranes are competitive inhibitors of *E. coli* O157:H7 adherence to epithelial cells. *Infect Immun* 59:890-899, 1991.
22. **Cockerill FR**, Edson RS. Trimethoprim-sulfamethoxazole. *Mayo Clin Proc* 66:1260-1269, 1991.
23. Smilack JD, Wilson WR, **Cockerill FR**. Tetracycline, chloramphenicol, erythromycin, clindamycin, and metronidazole. *Mayo Clin Proc* 66:1270-1280, 1991.
24. **Cockerill FR**, Muller SR, Anhalt JP, Marsh HM, Farnell MB, Mucha P, Gillespie DJ, Ilstrup DM, Larson-Keller JJ, Thompson RL. Prevention of infection in critically ill patients by selective decontamination of the digestive tract. *Ann Intern Med* 117:545-553, 1992.
25. Allerberger F, Kasten MJ, **Cockerill FR III**, Krismer M, Dierich MP. *Listeria monocytogenes* Infection in Prosthetic Joints. *International Orthopaedics (SICOT)* 16:237-239, 1992.
26. Dytoc M, Soni R, **Cockerill FR III**, de Azavedo J, Louie M, Brunton J, Sherman P. Multiple Determinants of Verotoxin-Producing *Escherichia coli* O157:H7 Attachment-Effacement. *Infect Immun* 61:3382-3391, 1993.
27. *Patel R, Keating MR, **Cockerill FR III**, Steckelberg JM. Bacteremia due to *Enterococcus avium*. *Clin Infect Dis* 17:1006-1011, 1993.
28. *Patel R, **Cockerill FR**, Porayko MR, Keating MR. Antibiotics may predispose to lactobacillemia in liver transplant patients. *Int J Antimicrob Agents* 3:215-219, 1993.
29. Aerdt SJA, Clasener HAL, Blair PHB, Rowlands BJ, Brun-Buisson CH, Legrand P, Cerra FB, Dunn D, **Cockerill F**, et al. Meta-analysis of randomised controlled trials of selective decontamination of the digestive tract. *Brit Med J* 307:525-532, 1993.
30. *Patel R, **Cockerill FR**, Porayko MK, Osmon DR, Ilstrup DM, Keating MR. Lactobacillemia in liver transplant patients. *Clin Infect Dis* 18:207-212, 1994.
31. Eckloff BW, Podzorski RP, Kline BC, **Cockerill FR III**. A comparison of 16S ribosomal DNA sequences from five isolates of *Helicobacter pylori*. *Int J Syst Bacteriol* 44(2):320-323, 1994.

32. **Cockerill F**, Thompson RL. The technique of selective decontamination of the digestive tract. *J. Crit. Illness* 9(5):507-509, 1994.
33. Pokorski SJ, Vetter EA, Wollan PC, **Cockerill FR III**. Comparison of Gen-Probe Group A Streptococcus direct test with culture for diagnosing streptococcal pharyngitis. *J Clin Microbiol* 32(6):1440-1443, 1994.
34. Kohner PC, Rosenblatt JE, **Cockerill FR III**. Comparison of agar dilution, broth dilution, and disk diffusion testing of ampicillin against *Haemophilus* species using in-house and commercially prepared media. *J Clin Microbiol* 32(6):1594-1596, 1994.
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Ad Hoc Reviewer for the Following Journals:

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2. Chest
3. Mayo Clinic Proceedings
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5. JAMA
6. Clinical Infectious Diseases (formerly Reviews of Infectious Diseases)
7. American Journal of Medicine
8. New England Journal of Medicine
9. Annals of Internal Medicine
10. Gastroenterology
11. Lancet
12. Journal of Clinical Microbiology
13. Diagnostic Microbiology and Infectious Disease
14. Investigative Ophthalmology and Visual Science
15. Antimicrobial Agents and Chemotherapy
16. Southern Medical Journal
17. Annals of Allergy Asthma and Immunology
18. The International Journal of Tuberculosis and Lung Diseases
19. Headache, The Journal of Head and Face Pain

Extramural Interests:

Physician Volunteer, Hospital for the Dying
(Sisters of Charity, Mother Teresa), Port-au-Prince, Haiti
January 1981, 1982, 1983

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