

CURRICULUM VITAE

Ann Robinson, Ph.D.

Department of Laboratory Medicine
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EXPERIENCE

Director, Microbiology, Department of Laboratory Medicine, Providence Sacred Heart Medical Center and Children's Hospital, Spokane, Washington. 1999 to present.

Sacred Heart is a 644 bed acute care facility. The clinical microbiology laboratory offers full service in bacteriology, antimicrobial susceptibility testing, parasitology, mycology, and mycobacteriology for Providence Sacred Heart Medical Center and Children's Hospital, Providence Holy Family Hospital, and Providence Associates Medical Laboratories. Responsibilities include the direction of 48 employees, inservice training, budget proposals, personnel justifications, research and development, technical supervision, responding to physician inquiries, and training allied health students.

Director, Virology, Pathology Associates Medical Laboratories (PAML), Spokane, Washington. 1999 to present.

PAML serves over 85 hospitals located throughout Washington, Idaho, Montana, California, Oregon, Alaska, Wyoming, and Utah. The clinical virology laboratory offers full service in virology for PAML and Providence Sacred Heart Medical Center.

Director, Clinical Microbiology, Department of Pathology and Laboratory Medicine, Hartford Hospital. 1992 to 1999.

Associate Professor of Laboratory Medicine, The School of Medicine, University of Connecticut, Farmington. 1997 to 1999.

Consultant, Clinical Microbiology, Hartford Medical Laboratories, Inc. 1991 to 1999.

Associate Director, Clinical Microbiology, Department of Pathology and Laboratory Medicine, Hartford Hospital. 1991 to 1992.

Director, Clinical Microbiology, Department of Pathology, Rhode Island Hospital, Providence. 1987 to 1991.

Assistant Professor of Pathology and Laboratory Medicine, The School of Medicine, Brown University, Providence. 1987 to 1991.

Director, Clinical Microbiology, Department of Pathology and Laboratory Medicine, Hermann Hospital, Houston. 1983 to 1987.

Associate Director, Clinical Microbiology, Department of Pathology and Laboratory Medicine, Hermann Hospital, Houston. 1982 to 1983.

Assistant Professor of Pathology and Laboratory Medicine, The School of Medicine, The University of Texas Health Science Center, Houston. 1982 to 1987.

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Assistant Professor of the Graduate School of Biomedical Sciences, The University of Texas Health Science Center, Houston. 1983 to 1987.

Assistant Professor of the Program in Infectious Diseases and Clinical Microbiology, The University of Texas Health Science Center, Houston. 1984 to 1987.

Research Associate, Department of Microbiology, University of Chicago. March to June 1980.

Assistant Instructor in Bacteriology and Parasitology, University of Chicago. 1976 to 1979.

Assistant Instructor in Inorganic Chemistry and Introductory Genetics, Washington State University. 1974 to 1975.

EDUCATION

AAM/CPEP-Accredited Postdoctoral Fellowship Program in Medical and Public Health Laboratory Microbiology, Hartford Hospital, Hartford, Connecticut. 1980 to 1982.

Ph.D. 1980. University of Chicago (Microbiology).

M.S. 1977. University of Chicago (Microbiology).

B.S. 1975. Washington State University (Bacteriology and Public Health, cum laude).

CERTIFICATION

Diplomate, American Board of Medical Microbiology, Public Health and Medical Microbiology. March 1985 to present.

COMMITTEES

Advisory Board, Sacred Heart Medical Center School of Medical Technology, Spokane, WA, 2005 to present.

Chair, PacLab Microbiology Technical Operations Work Group, Bellevue, WA, 1999 to present.

Central Infection Control Committee, Spokane, WA, 1999 to present.

Infection Control Committee, Connecticut Children's Medical Center. 1996 to 1999.

Member, Board of Directors, Hartford Medical Laboratories, Inc. 1992 to 1999.

Member, Hartford Medical Laboratories, Inc. Advisory Committee. 1992 to 1999.

Director, Hartford Hospital AAM/CPEP-Accredited Postdoctoral Fellowship Program in Medical and Public Health Microbiology. 1991 to 1997.

Infection Control Committee, Hartford Hospital. 1991 to 1999.

Antibiotic Subcommittee, Hartford Hospital. 1992 to 1995 and 1997 to 1999.

HIV/AIDS Committee, Hartford Hospital. 1991 to 1993.

Pharmacy Committee, Rhode Island Hospital. 1989 to 1991.

Therapeutic Subcommittee, Rhode Island Hospital. 1988 to 1991.

Microbiology Advisory Committee, Board of Rhode Island Schools of Medical Technology. 1987 to 1991.

Biohazards and Laboratory Review Committee, Rhode Island Hospital. 1987 to 1991.

Infection Control Committee, Rhode Island Hospital. 1987 to 1991.

Clinical Pathology Committee, Rhode Island Hospital. 1987 to 1991.

Pathology Education Committee, Rhode Island Hospital. 1987 to 1989.

Faculty Interviewer, Medical Student Admissions, The University of Texas School of Medicine. 1985 to 1987.

Representative, Faculty Senate, The University of Texas School of Medicine. 1984 to 1987.

Director's Committee, Baylor University/Texas Medical Center Postdoctoral Training Program in Medical and Public Health Microbiology and Immunology. 1982 to 1987.

HONORS AND SOCIETIES

Member, Expert Scientific Panel for Washington State, recommendations to the governor on "Evidence-based Monitoring Strategies and Interventions for Antibiotic Resistant Organisms." January 2008.

Member, Sherago-Rubin Award Selection Committee of the American Academy of Microbiology. 2007-2009.

Member, Panel of Experts for the American Society of Microbiology's "Ask the Expert" program on the ASM Division C web site. 2002 to present.

Member, Clinical and Diagnostic Microbiology and Epidemiology Recruitment Committee of the American Academy of Microbiology. 2002 to 2003.

Member, Editorial Review Board, *Laboratory Medicine*. 2000 to present.

Member, Committee on Election to Fellowship of the American Academy of Microbiology. 2000 to 2001.

Member, American College of Microbiology ad hoc Committee to address issues relevant to the College's strategic plan. 2000.

Member, Colloquia Advisory Committee of the American Society for Microbiology. 1998.

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Member, Becton Dickinson Worldwide Microbiology Advisory Board. 1997 to present.

Chair, American Society of Clinical Pathologists Board of Registry Microbiology Examination Committee. 1997 to 2000.

Member, American Board of Medical Microbiology Professional Recognition Award Nominating Committee. 1997 to 2000.

Guest Reviewer, *Journal of Clinical Microbiology*. 1996 to 2002.

Member, Dade MicroScan Young Investigator Award Selection Committee of the American Society for Microbiology. 1996 to 1999.

Divisional Group I Representative (Divisions of Clinical Microbiology, Medical Mycology, Nosocomial Infections, and Mycobacteriology) of the American Society for Microbiology. 1995 to 1997.

Member, General Meeting Program Committee of the American Society for Microbiology. 1995 to 1997.

Member, American Society of Clinical Pathologists Board of Registry Microbiology Examination Committee. 1995 to 2000.

Ad Hoc Reviewer, *Archives of Pathology*. 1995.

Fellow, American Academy of Microbiology. 1994 to present.

Chair, Clinical Microbiology Division (C) of the American Society for Microbiology. 1993 to 1994.

Chair, Becton Dickinson Award Selection Committee, American Society for Microbiology. 1993 to 1994.

Chair, BioMérieux Vitex Sonnenwirth Award Selection Committee, American Society for Microbiology. 1993 to 1994.

Chair-Elect, Clinical Microbiology Division (C) of the American Society for Microbiology. 1992 to 1993.

ASM State Network Key Contact for Rhode Island. 1990 to 1991.

Cited for teaching excellence by the Dean of the Medical School, The University of Texas Health Science Center, Houston. 1983 to 1986.

World Health Organization funded research assistant. 1978 to 1980.

University of Chicago Predoctoral Fellowships. 1975 to 1978.

Student member, Ph.D. Preliminary Examination Committee, University of Chicago. 1978 to 1979.

American Society for Microbiology. 1979 to present.

Pan American Group for Rapid Viral Diagnosis. 1987 to 1994.

INVITED PRESENTATIONS

Speaker, Washington State Society for Clinical Laboratory Science Spring Seminar, lectures entitled: "Conversion to the BBL CHROMagar™ Orientation/TSA II Biplate - One Clinical Laboratory's Story" and "Microbiology Potpourri", Spokane, WA, April 2009.

Speaker, symposium on "The Real Deal on Handwashing", talk entitled "Guidelines for Hand Hygiene - the Science". 108th General Meeting of the American Society for Microbiology, Boston, Massachusetts, June 2008.

Speaker, BD sponsored lecture entitled: "Conversion to the BBL CHROMagar™ Orientation/TSA II Biplate - One Clinical Laboratory's Story". 108th General Meeting of the American Society for Microbiology, Boston, Massachusetts, June 2008.

Speaker, Northwest Branch ASM Meeting, lecture entitled: "Improving the Value of Clinical Microbiology Information: Test Orders, Specimen Quality, and Interpretive Reporting", Seattle, WA, March 2007.

Convenor and Speaker, symposium on "Medical Microbiology: Quality Cost and Clinical Relevance – 30 Tears Later and Still Going Strong", talk entitled "Assessing Microbiology Test Orders and Specimen Quality: It's What's Up Front That Counts". 104th General Meeting of the American Society for Microbiology, New Orleans, Louisiana, May 2004.

Speaker, Washington State Society for Clinical Laboratory Science Spring Seminar, lecture entitled: "Cost-effective, Clinically Relevant Microbiology", Pasco, WA, April 2003.

Speaker, Association for Professionals in Infection Control – Inland Northwest Chapter Program on "Strategies for Controlling Waterborne Diseases in Healthcare Facilities", lectures entitled: "Legionellosis" and "A Nosocomial *Legionella* Outbreak in 1986", Spokane, WA, April 2002.

Speaker, Southern California bioMerieux Knowledge Symposium, lecture entitled: "Clinically Relevant Microbiology and Utilization Controls", Long Beach, CA, July 2001.

Speaker, Washington State Society of Clinical Laboratory Scientists, lectures entitled, "Clinically Relevant Microbiology and Utilization Controls" and "Bioterrorism: The Role of the Clinical Laboratory", Spokane, WA, April 2001.

Speaker, Spokane Society of Clinical Laboratory Scientists, lecture entitled, "Response to Bioterrorism: The Role of the Clinical Laboratory", Spokane, WA, November 1999.

Speaker, Association for Professionals in Infection Control Local Chapter, lecture entitled, "Response to Bioterrorism: The Role of the Clinical Laboratory", Spokane, WA, November 1999.

Speaker, Annual Meeting of Region I of the American Society for Clinical Laboratory Science, lecture entitled, "Utilization Controls in Clinical Microbiology", New Haven, CT, November 1998.

Convenor, seminar on "Debates in Clinical Microbiology", 97th General Meeting of the American Society for Microbiology, Miami, Florida, May 1997.

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Speaker, 1997 American Society of Clinical Pathologists Teleconference Program, program titled, "Utilization Controls: And Then Came Managed Care", April 1997.

Speaker, Caribbean Epidemiology Center Workshop on "The Laboratory Diagnosis of Emerging Bacterial and Parasite Infections", lectures entitled, "Clinically Relevant Microbiology in an Era of Emerging Infections" and "Ensuring Quality Antimicrobial Susceptibility Test Results", Trinidad, West Indies, September 1996.

Convenor, seminar on "Debates in Clinical Microbiology", 96th General Meeting of the American Society for Microbiology, New Orleans, Louisiana, May 1996.

Speaker, 1996 American Society for Microbiology Audioconference Program, program titled, "Utilization Controls: And Then Came Managed Care", February 1996.

Speaker, Meeting of the New York City Branch of the American Society for Microbiology, lecture entitled, "Utilization Controls in Clinical Microbiology", New York City, February 1996.

Speaker, 30th Annual Regional Meeting of the Northeastern Branches of the American Society for Microbiology, lecture entitled, "Utilization Controls in Clinical Microbiology", Albany, NY, November 1995.

Faculty member, Florida Association of Clinical Microbiologists Conference 1995, lecture entitled, "Utilization Controls: And Then Came Managed Care", Orlando, Florida, November 1995.

Convenor, seminar on "Debates in Clinical Microbiology", 95th General Meeting of the American Society for Microbiology, Washington DC, May 1995.

Faculty member, Pfizer's scientific symposium entitled "Hospital Microbiology Network: Expanding Coverage", "Cost Containment in the Laboratory" panelist. Washington, DC, May 1995.

Speaker, 25th Anniversary Meeting of the South Central Association for Clinical Microbiology, topic entitled, "Utilization Controls in Clinical Microbiology", Louisville, Kentucky, April 1995.

Speaker, Southwestern Vermont Medical Center Grand Rounds, topic entitled, "Utilization Controls in Clinical Microbiology", Bennington, Vermont, February 1995.

Participant, Becton Dickinson National Sales Meeting, program on gram-negative identification systems, Puerto Rico, November 1994.

Speaker, Omaha Mid-West Clinical Society 62nd Annual Postgraduate Assembly, topics entitled "Utilization Controls in Clinical Microbiology" and "The Gram Stain and Cost-Effective, Clinically Relevant Microbiology", Omaha, Nebraska, October 1994.

Speaker, Nebraska Association of Pathologists, topic entitled, "Rationale for Cost-Effective Laboratory Medicine", Omaha, Nebraska, October 1994.

Convenor, seminar on "Debates in Clinical Microbiology", 94th General Meeting of the American Society for Microbiology, Las Vegas, May 1994.

Convenor and participant, seminar on "Workload Recording: Present and Future", talk entitled "A Clinical Microbiologist's Perspective on Workload Recording". 93rd General Meeting of the American Society for Microbiology, Atlanta, May 1993.

Participant, seminar on "Cost-effective, Clinically Relevant Microbiology for the 1990s", talk entitled "Implementing Change". 92nd General Meeting of the American Society for Microbiology, New Orleans, May 1992.

Keynote speaker, Becton Dickinson National Sales Meeting, talk entitled "The Decision Making Process Associated with the Selection of New Products", Southampton, Bermuda, November 1987.

Faculty member, ASCP workshop entitled, "Improving Medical Usefulness in Clinical Microbiology":
San Diego, California, February 1987.
New Orleans, Louisiana, December 1986.
Orlando, Florida, February 1986.
Williamsburg, Virginia, September 1985.

Lecturer, Annual Immunoassay Conference of the Southwestern Clinical Ligand Assay Society, topic entitled, "Safe Handling of Biological Specimens to Avoid the Spread of Infectious Diseases", Houston, Texas, October 1986.

PUBLICATIONS

Robinson A. 1980. Glomerulonephritis and mixed cryoglobulinemia in *Schistosoma japonicum* infected rabbits. Ph.D. thesis, University of Chicago.

Robinson A and RM Lewert. 1980. The production and nature of anemia in *Schistosoma japonicum* infections. *Am J Trop Med Hyg* 29:1301-1306.

Robinson A and RM Lewert. 1981. Histologic changes elicited in *Schistosoma japonicum* infected rabbits following curative chemotherapy with 4-isothiocyano-4'-nitro-diphenylamine (C9333-Go/CGP4540). *Trans Roy Soc Trop Med Hyg* 75:415-417.

Robinson A, RM Lewert, and BH Spargo. 1982. Immune complex glomerulonephritis and amyloidosis in *Schistosoma japonicum* infected rabbits. *Trans Roy Soc Trop Med Hyg* 76:214-226.

Robinson A and RM Lewert. 1983. Immunoglobulin M-Immunoglobulin G mixed cryoglobulinemia in *Schistosoma japonicum* infected rabbits. *Infect Immun* 39:1477-1480.

Robinson A, SB Griffith, DG Moore, and JR Carlson. 1985. Evaluation of the RIM system and Gono Gen test for identification of *Neisseria gonorrhoeae* from clinical specimens. *Diagn Microbiol Infect Dis* 3:125-130.

Mortensen JE, A LeMaistre, DG Moore, and A Robinson. 1985. Peritonitis involving *Capnocytophaga ochracea*. *Diagn Microbiol Infect Dis* 3:359-362.

Robinson A. 1985. Editorial: Rationale for testing antimicrobial susceptibility by broth microdilution rather than disk agar diffusion methods. *Clin Microbiol Newslett* 7:34-36.

Robinson A, RC Bartlett, and MF Mazens. 1985. Antimicrobial synergy testing based on antibiotic levels, minimal bactericidal concentration, and serum bactericidal activity. *Am J Clin Pathol* 84:328-333.

LeMaistre A, JE Mortensen, M LaRocco, and A Robinson. 1985. An outbreak of a multiply-resistant *Acinetobacter anitratus* in an intensive care unit. *Clin Microbiol Newslett* 7:102-103.

LaRocco M and A Robinson. 1985. Evaluation of three commercial tests for rapid detection of beta-lactamase in anaerobic bacteria. *Eur J Clin Microbiol* 4:593-594.

LaRocco MT, JE Mortensen, and A Robinson. 1986. *Mycobacterium fortuitum* peritonitis in a patient undergoing chronic peritoneal dialysis. *Diagn Microbiol Infect Dis* 4:161-164.

Mortensen JE, MT LaRocco, and A Robinson. 1986. The activity of amdinocillin alone and in combination with other beta-lactam antimicrobial agents. *Curr Therap Res* 39:328-335.

Robinson A, JE Mortensen, and SB Griffith. 1986. Susceptibility testing of methicillin-resistant *Staphylococcus aureus* with three commercial microdilution systems. *Diagn Microbiol Infect Dis* 5:245-253.

Fuchs GJ, M LaRocco, A Robinson, and S Kohl. 1986. Fatal Legionnaires' disease in an infant. *Pediatr Infect Dis* 5:377-379.

Robinson A. 1986. Serum IgG, IgM, and C3 levels in *Schistosoma japonicum* infected rabbits. *Microbios* 48:37-41.

Robinson A, PC Johnson, and SB Griffith. 1987. Clinical interpretation of beta-lactamase-producing strains of *Branhamella catarrhalis* in sputum Gram's stain and culture. *Am J Clin Pathol* 87:498-503.

Robinson A, JE Mortensen, and M LaRocco. 1987. Susceptibility testing of fastidious organisms in the API microdilution panel. *Diagn Microbiol Infect Dis* 6:311-317.

LaRocco M, C Robinson, and A Robinson. 1987. *Corynebacterium pseudodiphtheriticum* associated with suppurative lymphadenitis. *Eur J Clin Microbiol* 6:79.

DuPont HL, CD Ericsson, A Robinson, and PC Johnson. 1987. Current problems in antimicrobial therapy for bacterial enteric infection. *Am J Med* 82 (suppl 4A):324-328.

Mortensen JE and A Robinson. 1988. The use of Gram stain and leukocyte esterase/nitrite test strips for the detection of bacteriuria. *Lab Med* 19:364-367.

LaRocco M, A Dorenbaum, A Robinson, and LK Pickering. 1988. Recovery of *Malassezia pachydermatis* from eight infants in a neonatal intensive care nursery: clinical and laboratory features. *Pediatr Infect Dis J* 7:398-401.

Cronan JJ, A Marcello, DL Horn, A Robinson, GS Dorfman, and S Opal. 1989. Antibiotics and nephrostomy tube care: preliminary observations. Part 1: Bacteriuria. *Radiology* 172:1041-1042.

Cronan JJ, DL Horn, A Marcello, A Robinson, LP Paoletta, RE Lambiase, RA Haas, S Opal, and GS Dorfman. 1989. Antibiotics and nephrostomy tube care: preliminary observations. Part II: Bacteremia. *Radiology* 172:1043-1045.

Simms HH, E DeMaria, L McDonald, D Peterson, A Robinson, and KW Burchard. 1991. Role of gastric colonization in the development of pneumonia in critically ill trauma patients: results of a prospective randomized trial. *J Trauma* 31:531-537.

Burchard KW, HH Simms, A Robinson, R DiAmico, and DS Gann. 1992. Hypocalcemia during sepsis. Relationship to resuscitation and hemodynamics. *Arch Surg* 127:265-272.

Belliveau P, N Hickingbotham, EG Maderazo, M Mazens-Sullivan, and A Robinson. 1993. Institution-specific patterns of infection and Gram's stain as guides for empiric treatment of patients hospitalized with typical community-acquired pneumonia. *Pharmacotherapy* 13:396-401.

Robinson A. 1994. Summary of the survey of microbiology workload recording: experiences and practices. *Clin Microbiol Newslett* 16:45-48.

Robinson A. 1994. Rationale for cost-effective laboratory medicine. *Clin Microbiol Rev* 7:185-199.

Robinson A. 1994. Workload recording and productivity measurements: What does the future hold? *Clin Microbiol Newslett* 16:110-112.

McCarter YS and A Robinson. 1994. Detection of acid-fast bacilli in concentrated primary specimen smears stained with rhodamine-auramine at room temperature and at 37°C. *J Clin Microbiol* 32:2487-2489.

Eisenfeld L, L Perl, D Mayo, M Markowski, and A Robinson. 1994. Surveillance for influenza in a newborn intensive care unit. *Connecticut Medicine* 58:451-455.

Robinson A, YS McCarter, and J Tetreault. 1995. Comparison of Crystal Enteric/Nonfermenter system, API 20E system, and Vitek Automicrobic system for identification of gram-negative bacilli. *J Clin Microbiol* 33:364-370.

Philipson EH, DA Palermino, and A Robinson. 1995. Enhanced antenatal detection of group B streptococcus colonization. *Obstet Gynecol* 85:437-439.

Wand M, R Quintiliani, and A Robinson. 1995. Antibiotic prophylaxis in eyes with filtration blebs: survey of glaucoma specialists, microbiological study, and recommendations. *J Glaucoma* 4:103-109.

Freeman C, A Robinson, B Cooper, M Mazens-Sullivan, R Quintiliani, and C Nightingale. 1995. In vitro antimicrobial susceptibility of glycopeptide-resistant enterococci. *Diag Microbiol Infect Dis* 21:47-50.

McCarter YS and A Robinson. 1996. Quality evaluation of sputum specimens for mycobacterial culture. *Am J Clin Pathol* 105:769-773.

McCarter YS and A Robinson. 1997. Comparison of MRC-5 and primary rabbit kidney cells for the detection of herpes simplex virus. *Arch Pathol Lab Med* 121:122-124.

McCarter YS and A Robinson. 1997. Competency assessment in clinical microbiology. *Clin Microbiol Newslett* 19:97-101.

McCarter YS, IN Ratkiewicz, and A Robinson. 1998. Cord formation in BACTEC medium is a reliable, rapid method for the presumptive identification of *Mycobacterium tuberculosis* complex. J Clin Microbiol 36:2769-2771.

Robinson A, M Marcon, JE Mortensen, YS McCarter, M LaRocco, LR Peterson, and RB Thomson, Jr. 1999. Guest commentary: Controversies affecting the future practice of clinical microbiology. J Clin Microbiol 37:883-889.

Scarano FJ, MS Ruddat, and A Robinson. 1999. *Actinomyces viscosus* postoperative endophthalmitis. Diagn Microbiol Infect Dis 34:115-117.

Eisenfeld L, L Perl, D Mayo, M Markowski, and A Robinson. 2000. Surveillance for influenza in a newborn intensive care unit. Neonatal Intensive Care 13:46-48.

Robinson A. 2000. Author of the following topics for "Disease Diagnosis" on UPCMD.COM, an internet service providing medical information to health care providers: Yaws, Pinta, Bejel, Granuloma Inguinale, Rickettsialpox, Rocky Mountain Spotted Fever, Spotted Fever Group Rickettsioses, and Psittacosis.

Robinson A. 2003. An approach to cost-effective, clinically relevant microbiology. Adv Med Lab Prof 15:12-14.

Sharp SE, A Robinson, M Saubolle, M Santa Cruz, K Carroll, and V Baselski. 2004. Cumitech 7B. Lower Respiratory Tract Infections. Coordinating ed. SE Sharp. American Society for Microbiology, Washington, DC.

Robinson A. 2005. Assessing microbiology test orders and specimen quality. Clin Microbiol Newslett 27:78-82.

ABSTRACTS

Robinson A and RM Lewert. Anemia in *Schistosoma japonicum* infected rabbits. Abstract, Annual Meeting of the American Society of Tropical Medicine and Hygiene, Chicago, Illinois, November 1978.

Robinson A and RM Lewert. Cryoprecipitates and glomerulonephritis in *Schistosoma japonicum* infections. Abstract, Annual Meeting of the American Society of Tropical Medicine and Hygiene, Tucson, Arizona, November 1979.

Robinson A, RM Lewert, RP Pelley, WA Franklin, and BH Spargo. Mixed cryoglobulins and glomerulonephritis in *Schistosoma japonicum* infected rabbits. Fed Proc 39:774, 1980.

Robinson A, RC Bartlett, and MF Mazens. Antimicrobial synergy testing based on drug levels, minimal bactericidal concentration, and serum bactericidal activity. Abstract, 22nd Interscience Conference on Antimicrobial Agents and Chemotherapy, Miami, Florida, October 1982.

Robinson A, SB Griffith, DG Moore, and JR Carlson. Evaluation of three rapid commercial systems for the identification of *Neisseria* species. Abstract, 23rd Interscience Conference on Antimicrobial Agents and Chemotherapy, Las Vegas, Nevada, October 1983.

Robinson A, JE Mortensen, and SB Griffith. Susceptibility testing of methicillin-resistant *Staphylococcus aureus* (MRSA) with commercial microdilution systems. Abstract, 84th Annual Meeting of the American Society for Microbiology, St. Louis, Missouri, March 1984.

Robinson A and JE Mortensen. Comparison of the API and MicroScan microdilution panels for antimicrobial susceptibility testing of Gram negative bacilli. Abstract, 24th Interscience Conference on Antimicrobial Agents and Chemotherapy, Washington, DC, October 1984.

Robinson A and JE Mortensen. Evaluation of the API KB system for antimicrobial susceptibility testing of Gram negative bacilli. Abstract, 85th Annual Meeting of the American Society for Microbiology, Las Vegas, Nevada, March 1985.

Mortensen J, M LaRocco, and A Robinson. Evaluation of amdinocillin in combination with other beta-lactams. Abstract, 85th Annual Meeting of the American Society for Microbiology, Las Vegas, Nevada, March 1985.

LaRocco M and A Robinson. Evaluation of three commercial methods for rapid beta-lactamase detection in anaerobic bacteria. Abstract, 85th Annual Meeting of the American Society for Microbiology, Las Vegas, Nevada, March 1985.

Robinson A and JE Mortensen. Comparison of Gram stain, leukocyte esterase, and nitrite strips for the detection of bacteriuria. Abstract, 25th Interscience Conference on Antimicrobial Agents and Chemotherapy, Minneapolis, Minnesota, October 1985.

Robinson A and PC Johnson. Clinical interpretation of beta-lactamase producing *Branhamella catarrhalis* in sputum Gram stain and culture. Abstract, 25th Interscience Conference on Antimicrobial Agents and Chemotherapy, Minneapolis, Minnesota, October 1985.

Robinson A, J Mortensen, and M LaRocco. Susceptibility testing of fastidious organisms in the API microdilution panel. Abstract, 25th Interscience Conference on Antimicrobial Agents and Chemotherapy, Minneapolis, Minnesota, October 1985.

Robinson A, AHB Wu, CD Ericsson, PC Johnson, and HL DuPont. In vitro activity of ciprofloxacin against bacterial enteropathogens. Abstract, 25th Interscience Conference on Antimicrobial Agents and Chemotherapy, Minneapolis, Minnesota, October 1985.

Robinson A. Effect of protein binding on antimicrobial activity in a continuous culture system. Abstract, 86th Annual Meeting of the American Society for Microbiology, Washington, DC, March 1986.

Robinson A and M LaRocco. Antimicrobial synergy testing in a continuous culture system. Abstract, 86th Annual Meeting of the American Society for Microbiology, Washington, DC, March 1986.

LaRocco M, R Hopfer, and A Robinson. Activity of amphotericin B and liposomal amphotericin B against *Candida* species in a continuous culture system. Abstract, 86th Annual Meeting of the American Society for Microbiology, Washington, DC, March 1986.

Robinson A. Activity of cefamandole against methicillin-resistant *Staphylococcus aureus* and coagulase negative staphylococci in a continuous culture system. Abstract, 26th Interscience Conference on Antimicrobial Agents and Chemotherapy, New Orleans, Louisiana, September 1986.

LaRocco M and A Robinson. Effect of amphotericin B and 5-fluorocytosine alone and in combination against *Cryptococcus neoformans* in a continuous culture system. Abstract, 26th Interscience Conference on Antimicrobial Agents and Chemotherapy, New Orleans, Louisiana, September 1986.

Mills K, S Rokes, and A Robinson. Comparison of methods for isolation and identification of *Haemophilus influenzae*. Abstract, 87th Annual Meeting of the American Society for Microbiology, Atlanta, Georgia, March 1987.

Robinson A and K Susarla. Activity of cefoperazone and gentamicin alone and in combination against enteric bacilli in a continuous culture system. Abstract, 87th Annual Meeting of the American Society for Microbiology, Atlanta, Georgia, March 1987.

Gander R and A Robinson. Serum bactericidal activity of cefotaxime and ceftazidime alone and in combination with tobramycin against *Pseudomonas aeruginosa*. Abstract, 87th Annual Meeting of the American Society for Microbiology, Atlanta, Georgia, March 1987.

Wainwright DJ, A Robinson, and G Meador. Antibiotic treated skin autografts. Abstract, Annual Meeting of the American Burn Association, Washington, DC, April 1987.

Gander R and A Robinson. Serum bactericidal activity of vancomycin alone or in combination with gentamicin and rifampin against methicillin-resistant coagulase negative staphylococci. Abstract, 27th Interscience Conference on Antimicrobial Agents and Chemotherapy, New York, NY, October 1987.

Robinson A and K Morrison. Activity of ciprofloxacin versus vancomycin against methicillin-resistant *Staphylococcus aureus* and coagulase negative staphylococci in a continuous culture system. Abstract, 88th Annual Meeting of the American Society for Microbiology, Miami, Florida, May 1988.

Whitaker S, C Perry, and A Robinson. Five day incubation and elimination of blind subculture of BACTEC NR-660 blood culture media. Abstract, 89th Annual Meeting of the American Society for Microbiology, New Orleans, Louisiana, May 1989.

Robinson A and L Binns. Cost effective transport of specimens for anaerobic culture in compliance with universal precautions. Abstract, 89th Annual Meeting of the American Society for Microbiology, New Orleans, Louisiana, May 1989.

Burchard K, R DiAmico, A Robinson, and H Simms. Non-lethal porcine intraabdominal sepsis: Cardiopulmonary response without resuscitation. Abstract, 12th Annual Conference on Shock, Marco Island, Florida, June 1989.

Robinson A, S Whitaker, and L Binns. Comparison of mortar and pestle versus polyethylene bags for processing quantitative tissue samples. Abstract, 91st Annual Meeting of the American Society for Microbiology, Dallas, Texas, May 1991.

Robinson A and L Binns. Evaluation of the efficacy of subculture and extended incubation of BACTEC NR 660 blood culture media to detect fungemia. Abstract, 91st Annual Meeting of the American Society for Microbiology, Dallas, Texas, May 1991.

Magee R, A Robinson, CG Azzoli, and JE Albina. Dietary induction of bacterial translocation in the rat. Abstract, 1991 FASEB.

Bartlett R, S Lobel, J Tetreault, and A Robinson. Improved detection of bacteremia through enhancement of blood culture collections. Abstract, 92nd Annual Meeting of the American Society for Microbiology, New Orleans, Louisiana, May 1992.

Robinson A, E Epp, and J Tetreault. Cost-effectiveness of repeat testing to verify reactive hepatitis marker results in an enzyme immunoassay system. Abstract, 92nd Annual Meeting of the American Society for Microbiology, New Orleans, Louisiana, May 1992.

Siles FJ, RW Cartun, E Epp, CA Pedersen, DM Long, A Robinson, and MM Berman. Comparison of immunoreactivity for a hepatitis C virus (HCV)-related antigen in formalin-fixed tissue sections with serology. Abstract, International Academy of Pathology Meeting, New Orleans, Louisiana, March 1993.

Malo-Schlegel S, M Scott, J Lampson, B Matthews, Y McCarter, A Robinson, and B Cooper. Comparison of a rapid read out biological indicator and a conventional biological indicator for flash sterilization. Abstract, 20th Annual APIC Meeting, May 1993.

Mazens-Sullivan M, D Holik, and A Robinson. Comparison of Vitek, Sensititre, and conventional methods for the identification and susceptibility testing of enterococci. Abstract, 93rd General Meeting of the American Society for Microbiology, Atlanta, Georgia, May 1993.

McCarter YS, PC Abbott, C Bisailon, I Ratkiewicz, and A Robinson. Detection of acid-fast bacilli in direct specimen smears stained with rhodamine-auramine at room temperature and at 37°C. Abstract, 93rd General Meeting of the American Society for Microbiology, Atlanta, Georgia, May 1993.

Torpey DJ III, YS McCarter, and A Robinson. Evaluation of three enzyme immunoassays for the detection of *Clostridium difficile* toxins in fecal specimens. Abstract, 93rd General Meeting of the American Society for Microbiology, Atlanta, Georgia, May 1993.

Albanese JM, Y McCarter, and A Robinson. Comparison of four commercial enzyme immunoassay kits for measurement of measles specific IgG antibody. Abstract, 93rd General Meeting of the American Society for Microbiology, Atlanta, Georgia, May 1993.

Cooper B, A Robinson, C Freeman, R Quintiliani II, M Mazens-Sullivan, C Nightingale, and R Quintiliani. Antimicrobial susceptibility of vancomycin resistant enterococci. Abstract, 33rd Interscience Conference on Antimicrobial Agents and Chemotherapy, New Orleans, Louisiana, October 1993.

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