

**Patrik Bavoil****Education**

1972 Diplôme Universitaire d'Etudes Supérieures (DUES) en Chimie-Biologie, Université de Grenoble, France

1975-1976 Maîtrise et Diplôme d'Etudes Approfondies (DEA) en Biochimie, Université Claude Bernard, Lyon, France

Advisor : Prof. George Michel

Thesis: Analyse structurale du lipopolysaccharide de *Escherichia coli* CR34

1982 Ph.D. in Microbiology, Dept of Microbiology & Immunology, UC Berkeley

Advisor: Prof. Hiroshi Nikaido

Thesis: Proteins of the maltose transport system of *Escherichia coli*

1982-1984 Postdoctoral Fellowship, Dept of Laboratory Medicine, UC San Francisco

Advisor: Prof. Julius Schachter

Project: Porin function of the chlamydial Major Outer Membrane Protein (MOMP)

1984-1987 Postdoctoral Fellowship, Dept of Medical Microbiology, Stanford University

Advisor: Prof. Stanley Falkow

Project: Molecular Pathogenesis of Chlamydia and entero-invasive *E. coli*

**Current position**

1987-1993 Assistant Professor, Dept of Microbiology and Immunology, University of Rochester, New York, USA

1994-1995 Invited Professor, Unité de Biologie des Intéractions Cellulaires, Institut Pasteur, Paris, France (sabbatical leave in the laboratory of Dr. Alice Dautry)

1993-1996 Associate Professor, Dept of Microbiology and Immunology, University of Rochester, New York, USA

1996-1999 Senior Lecturer, Dept of Infectious and Tropical Diseases, London School of Hygiene & Tropical Medicine (LSHTM), London, UK

1999-2002 Reader in Molecular Microbiology, Dept of Infectious and Tropical Diseases, London School of Hygiene & Tropical Medicine (LSHTM), London, UK

2002-present Associate Professor, Dept of Biomedical Sciences, University of Maryland Baltimore, Dental School

2003-present Director, Infectious Diseases & Immunology Track, Dept of Biomedical Sciences, University of Maryland Baltimore, Dental School

2007-present Director (interim), Electron Microscopy Facility, Dept of Biomedical Sciences, University of Maryland Baltimore, Dental School



**Recent publications**

Tan, C., J.F. Spitznagel, R.-c. Hsia, and P.M. Bavoil. 2006. The Polymorphic Membrane Protein Gene Family of the Chlamydiaceae. In *Chlamydia: Genomics, Pathogenesis and Implications for Control*, P.M. Bavoil and P.B. Wyrick (eds.), Horizon Press, London, pp. 195-218.

Wilson, D.P., P. Timms, D.L.S. McElwain, & P.M. Bavoil. 2006. Type Three Secretion, contact-dependent model for the intracellular development of Chlamydia, *Bull. Math. Biol.* 68:1-18.

Crane, D.D., J.H. Carlson, P.M. Bavoil, R.-c. Hsia, C. Tan, C.-c. Kuo, and H.D. Caldwell. 2006. Chlamydia trachomatis polymorphic membrane protein D is a species common pan neutralizing antigen, *Proc. Natl. Acad. Sci.* 103:1894-1899.

Liu, Z., Rank, R., Kaltenboek, B., Magnino, S., Dean, D., Burall, L., Plaut, R., Read, T.D., Myers, G., and Bavoil, P.M. 2007. Genomic plasticity of the *rrn-nqrF* intergenic segment in the Chlamydiaceae, *J. Bact.* 189:2128-2132.

Burall, L., Liu, Z., Rank, R.G. and P.M. Bavoil. 2007. The conundrum of the invasin-like protein gene of the Chlamydiaceae. *Micr. & Infect.*, 9: 873-880.

Peters, J., D. Wilson, G.S.A.. Myers, P. Timms and P.M. Bavoil. 2007. Type III secretion à la Chlamydia. *Trends Microbiol.* 15:241-251.

**BOOK**

Bavoil, P.M. 1982. Proteins involved in maltose transport in *Escherichia coli*. Ph.D. Thesis, University of California, Berkeley.

Clark, V.L., & P.M. Bavoil (editors). 1995. *Methods in Enzymology: Bacterial Pathogenesis, Part A*, Volume 235, Academic Press, Inc., San Diego.

Clark, V.L., & P.M. Bavoil (editors). 1995. *Methods in Enzymology: Bacterial Pathogenesis, Part B*, Volume 236, Academic Press, Inc., San Diego.

Clark, V.L., & P.M. Bavoil (editors). 1997. *Bacterial Pathogenesis - Selected Methods in Enzymology*, Academic Press, Inc., San Diego.

Clark, V.L., & P.M. Bavoil (editors). 2002. *Methods in Enzymology: Bacterial Pathogenesis, Part C*, Volume 358, Academic Press, Inc., San Diego.

Bavoil, P.M. & P. Wyrick (editors). 2006. *Chlamydia: Genomics and Pathogenesis*, Horizon Press, Inc. Norwich, UK.

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