

**Patrice COURVALIN**

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**Present status**

Professeur classe exceptionnelle, Institut Pasteur  
Head of the Antibacterial Agents Unit

**Education**

1971 : Master's degree in Sciences, University of Sciences, Paris  
1972 : Master's degree in Human Biology, University of Sciences, Paris  
1974 : State Doctorate in Medical Sciences (M.D.), Medical School, Paris

**Research experience**

1970-1972 : Medical Bacteriology Unit, Prof. Y.A. Chabbert, Dept of Bacteriology, Institut Pasteur  
1973-1974 : Oncogenic Viruses Unit, Prof. F. Cuzin, Dept of Molecular Biology, Institut Pasteur  
1974-1977 : Research Associate, Prof. J.E. Davies, Dept. of Biochemistry, Univ. Wisconsin, Madison, USA  
1978-1983 : Laboratory of Biochemistry, Prof. Y.A. Chabbert, Dept. of Bacteriology, Institut Pasteur  
1983-1989 : Antibacterial Agents Unit, Dept. of Fundamental and Medical Microbiology, Institut Pasteur  
1989-1990 : Visiting Prof., Prof. D.R. Helinski, Center for Molecular Genetics, Univ. California, San Diego  
1991-1994 : Visiting Prof., Dept. of Biology, Univ. California, San Diego, USA

**Positions of responsibility held at Institut Pasteur**

1970-1974 : Head of Antibiotic Therapy Clinical Laboratory, Medical Bacteriology Unit  
1977-1982 : Head of Biochemistry Laboratory, Medical Bacteriology Unit  
1977-1982 : Joint-Director, with Prof. Y.A. Chabbert, of the National Reference Center for Antibiotics  
1982-1986 : Associate-Chairman of the Dept. of Bacteriology and Mycology  
1983-2014 : Head of the Antibacterial Agents Unit  
1983-2011 : Director of the National Reference Center for Resistance to Antibiotics  
1992-1993 : Associate-Chairman of the Dept. of Bacteriology and Mycology  
1998-2000 : Scientific Committee of the International Network of Pasteur Institutes and Associate Institutes  
2000-2002 : Vice President of the Scientific Council  
2002-2003 : Head of the Dept. of Fundamental and Medical Microbiology  
2002-2003 : Member of the College of Scientific Direction

**Major national/international leadership positions and boards**

1997-2003 : Co-coordinator for France of the European Antimicrobial Resistance Surveillance System  
1998-1999 : Chairman of Antimicrobial Chemotherapy Division, American Society for Microbiology  
1999-.... : Member of Antimicrobial Resistance Scientific Committee, Swiss National Science Foundation  
1999-.... : Expert in the Area of Antibiotics to the European Commission, Brussels, Belgium  
2000-2004 : Member of the Committee for International Affairs of the American Academy of Microbiology  
2002-2008 : Chair of the Bacteriology Section of the International Union of Microbiological Societies  
2005-.... : Member of the European Centre for Disease Prevention and Control (ECDC) Roster of Scientists, Stockholm, Sweden  
2005 : Chairman WHO Committee « Critically Important Antibacterial Agents for Human Medicine »  
2007 : Member of the CDC-NIH-FDA Committee « Public Health Action Plan to Combat Antimicrobial Resistance »  
2007 : Member of the FAO-WHO-OIE Committee on « Critically Important Antibiotics »  
2009-.... : Member of WHO Advisory Group on Integrated Surveillance of Antimicrobial Resistance  
2010-.... : Co-chair of the European Hygiene Council

### **Editorial Boards (selection)**

1982-2004, “Journal of Antibiotics”; 1988-1992, “The Journal of General Microbiology”; 1989-....., “Antimicrobial Agents and Chemotherapy”; 1995-2002, 2006-2009, “The Journal of Antimicrobial Chemotherapy”; 1995-2003, “Clinical Microbiology and Infection”; 1995-....., “Microbial Drug Resistance”; 1998-....., “Drug Resistance Updates”; 1998-2006, “Current Opinion in Microbiology”; 1998-2006, “Emerging Infectious Diseases”, Associate Editor; 1998-....., “Journal of Molecular Microbiology and Biotechnology”; 2000-....., “International Journal of Medical Microbiology”; 2001-...., “Current Drug Targets – Infectious Disorders”; 2011-....., “Annals of the New York Academy of Sciences”.

### **Membership of Scientific Societies**

American Society for Microbiology, Fellow of the Infectious Diseases Society of America, British Society for Antimicrobial Chemotherapy, British Society for General Microbiology, European Society of Clinical Microbiology and Infectious Diseases, French Society for Infectious Diseases, French Society for Microbiology

### **Scientific prizes and Awards**

1974 : Paris School of Medicine Award  
1983 : Thérèse Lebrasseur Award of the Fondation de France  
1989 : Jacques Monod Award of the Fondation de France  
1994 : Louis Garrod Award of the British Society for Antimicrobial Chemotherapy  
1995 : Hamao Umezawa Award of the International Society for Chemotherapy  
1997 : Bristol-Myers Squibb Unrestricted Biomedical Research Grant in Infectious Diseases  
1997 : Hoechst Marion Roussel Award of the American Society for Microbiology  
1998 : ISI Award « French Citation Laureate » 1981-1998.  
2001 : ESCMID Award for Excellence in Clinical Microbiology and Infectious Diseases  
2004 : Thomson-ISI Award « French Microbiologist Citation Laureate ».  
2004 : Grand Prix of the French National Academy of Sciences.  
2007 : Jean Valade Award of the Fondation de France.  
2012 : BD Award for Research in Clinical Microbiology of the American Society for Microbiology.  
2013 : Gold Medal of the International Union of Biochemistry and Molecular Biology.

### **Academies and Honorary Degrees**

1983-... : Elected member of the Royal Academy of Medicine of Saragossa, Spain  
1997-... : Elected member of the American Academy of Microbiology  
1997-... : Elected member of the Royal College of Physicians, London, UK  
2001-... : Honorary Member of the Australian Society for Antimicrobials  
2009-... : Elected member of the French National Academy of Technologies  
2009-... : Elected member of the European Academy of Clinical Microbiology and Infectious Diseases

### **Doctor Honoris Causa**

2001 : Doctor Honoris Causa, University of El Bosque, Bogota, Columbia.  
2002 : Doctor Honoris Causa, Faculty of Medicine, University of Mons, Hainaut, Belgium.  
2008 : Doctor Honoris Causa, Technical University of Denmark.  
2013 : Docteur Honoris Causa, Faculty of Medicine, University of Zurich, Switzerland.

### **Distinguished Honors**

2009 : Chevalier dans l’Ordre de la Légion d’Honneur

### **Publications**

Articles in international peer reviewed journals: 324  
Invited reviews in international peer reviewed journals: 69  
Other publications: 80  
Books: 9  
Chapters in monographs or books: 68  
Patents: 6  
H index: 89  
Citations: *ca.* 25,000