

**CURRICULUM VITAE****Name:** Pierre-Olivier COURAUD

Nationality: French  
 Date of Birth: 06/24/1956  
 Family situation: Married, two children  
 Home Address: 9, rue du Perray, 78610 Auffargis, France  
 Home Telephone number: 33 1 34846985

**Title:** Research Director ('Exceptional Class' / DRE) INSERM**Laboratory:** Institut Cochin, INSERM U1016/ CNRS UMR8104/ Paris Descartes University - 22 rue Méchain, 75014 Paris

Institut Cochin (about 650 staff members) is one of the largest Research Centers in France; it is affiliated to INSERM, CNRS and Paris Descartes University. The Institute currently consists of 38 teams in 3 scientific Departments, supported by state-of-the-art core facilities on the same Campus as the Cochin Hospital, a major public hospital in Paris. Pierre-Olivier Couraud is recognized for his major contributions in the field of the blood-brain barrier (BBB), especially regarding the production and validation of *in vitro* models of rat and human BBB and neuroimmune interactions. He is author of about 250 referenced publications and patents in this field and regularly contributes to national and international review committees.

**1. Academic and Professional training**

1987: PhD - Doctorat d'Etat ès Sciences : Immunology  
 1980: Agrégation Sciences Physiques (Highest Teaching Degree in Physical Sciences)  
 1975-1980: Ecole Normale Supérieure de Cachan – Physical Sciences

**2. Present functions**

2008- : **Head, Institut Cochin, Paris**  
 2012- : **Vice President of Paris Descartes University**, for Technology Transfer  
 2017- : **President of the Scientific Committee of INSERM**

**3. Past professional experience**

2006-2007 : **Deputy Director**,  
Institut Cochin  
 2002-2005 : **Head of the Department of Cell Biology**  
Institut Cochin  
 2001- 2010: **Research Director (1<sup>st</sup> class:DR1), INSERM**  
Institut Cochin  
 2000-2002: **Director of CNRS UPR415 laboratory**  
*Institut Cochin de Génétique Moléculaire*  
22 rue Méchain, 75014 Paris, France  
 1996-1999 : **Scientific Director, Co-founder of the Biotechnology Company:**  
NEUROTECH SA - Génopole Industries, Evry - France  
 1991- : **Research Director (2<sup>nd</sup> class:DR2),**  
INSERM (Directeur de Recherche 2<sup>nd</sup> class)  
Institut Cochin de Génétique Moléculaire, Paris, France  
 1987-1988: **Senior Scientist**,  
IDEON Corporation, Redwood City, CA, USA  
 1986-1991: **Senior Scientist** ,  
INSERM (*Chargé de Recherches*)

Institut Pasteur, Paris, France  
1982-1986: **Scientist,**  
INSERM (*Attaché de Recherches*)  
Centre CNRS-INSERM de Pharmacologie Endocrinologie, Montpellier, France

#### **4. Publications, scientific expertise and Patent applications**

More than 240 referenced peer-reviewed publications in international Journals,  
Expertise in cell biology of the blood-brain barrier (BBB) and neurovascular unit; international recognition for establishment and validation of in-vitro models of the BBB, notably a unique in-vitro model of the human BBB which is used worldwide and has been the subject of more than 200 referenced publications.  
About 15 patent applications since 1988; several issued patents and licences.

#### **5. Membership of Scientific Committees**

President of the scientific committee of the *Fondation pour la Recherche Médicale (FRM: Medical Research Foundation, the major Charity in France)* (2012-2016)

Vice-President of the scientific committee of the *Fondation ARSEP* (Foundation for Research on Multiple sclerosis) (2001- ),

Member of the National Committee of the Scientific Research, Section 25 (Cellular interactions) (2000-2004); Member of the National Committee of the Scientific Research, Section 24 (Cellular interactions) (2004-2008).

Member of the scientific committee of the *Fondation pour la Recherche Médicale* (2002-2006).

#### **6. Membership of Scientific Advisory Boards**

President of the SAB of the *Institut Paoli Calmettes*, Integrated Research Center in Oncology, Marseille (2010- )

President of the SAB of the *Institut de Pharmacologie Moléculaire et Cellulaire (IPMC)*, Nice Sophia-Antipolis (2016- )

Board member of the TTO: SATT Ile-de-France Innov (2012- )

Scientific advisor for the Biotech company Neurotech, Evry (2000-2001)

Scientific advisor for the Biotech company AbTech, Toulouse (2002-2003)

#### **6. Honors and scientific association membership**

Council member of the International Brain Barriers Society (IBBS) (2010-2015)

Honorary Professor, University College London, UK (2002- )