

## Christian A. Devaux, short C.V.



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Following his **Ph.D training in Immunology** (on transplantation antigens) at the **University of Marseille-Luminy**, France, Christian A. Devaux completed a 2 years (1983-1985) **post-doc on immune response genes at the NIH (NCI, Immunology Branch), Bethesda, USA**. From 1985 to 1988 he worked on the T cell receptor genes expression at the CIML (Immunology Center at Marseilles).

In 1988, Christian Devaux joined an **INSERM laboratory (U322) working on HIVs in Marseilles**, where he developed a research group on the antigenic diversity of viral

proteins and the role of HLA molecules in the HIV replication cycle. Since the early 90's he moved to the **Faculty of Medicine at Montpellier where he was in charge a small research group** (4-6 persons) **working on human retroviruses (HIV, HTLV)** and cell signaling (cell activation and apoptosis). During one year (1999-2000) he also has had part-time scientific consulting activities in a small biotechnology private company, where he was **Director of the antiviral drugs development**.

**Christian Devaux, currently 54 years old, as accumulated over 12 years experience as scientific director of a CNRS laboratory**. Until 2006, he served as director of CNRS UMR5121-UM1 "Retroviral infections and cell signaling", organized around 6 research groups (about 35 peoples); The main research objectives of the laboratory were **human and animal retroviruses replication cycle, cell signaling** (kinases activation, transcription factors), **and antiviral drugs** (peptides and antibodies) development. On January 2007, Christian Devaux has been in charge to set up a new laboratory, the CNRS UMR5236-UM1-UM2 (11 research groups; about 70 peoples, localized in three distinct old buildings approximately 2 km away from each other - Faculty of Medicine UM1; Faculty of Pharmacy UM1; Faculty of Sciences UM2-), in Montpellier, the main objectives of which being **virology, bacteriology and biophysics/ pharmacology**. Starting January 2011, all research teams of the CPBS will gather in a **new research building** where they will benefit from the interactions with excellent teams from neighboring laboratories (CRBM and IGMM) and where they will find **conditions fully adapted to dynamic partnerships**. Numerous high-technology facilities will be available, including **biosafety level-3 (BSL-3)** laboratories, an **imaging** facility platform, and

a high-throughput **pharmacology platform** for the screening of new bioactive molecules. **Christian Devaux will continue to serve as Director of the CPBS for the next 4 years (2011-2014)**. A large spectrum of research work in retrovirology, bacteriology, and vector-borne pathogens, will be developed at CPBS during this period.

**Ad hoc reviewer for several scientific journals** (AIDS, AIDS Research and Human Retroviruses, Archives of Biochemistry and Biophysics, Biochemistry, DNA and Cell Biology, EMBO Journal, Journal of Biological Chemistry, Journal of Biomaterials Science, Journal of Immunology, Journal of Leukocyte Biology, Journal of Virology, Molecular Immunology, Trends in Microbiology) **and for grants** (Fondation pour la Recherche Médicale, FRM -France-; G.E.F.L.U.C. Languedoc-Roussillon -France-, Grants Université Louis Pasteur Strasbourg -France-, Grants DGA -France-, Research grants from Université Libre de Bruxelles -Belgium-; Research grants « Formation à la Recherche dans l'Industrie et dans l'Agriculture », F.R.I.A. -Belgique-; The Wellcome Trust -UK-; The International Human Frontier Science Program; The « Fonds de Recherche en Santé du Québec » -Canada-), **member of several french or international scientific societies** (Société Française d'Immunologie, Société Française de Biochimie et Biologie Moléculaire, Société Française de Microbiologie, The American Association of Immunologists, The New York Academy of Sciences, The International AIDS Society) **and committees** (Including: Scientific council of the « Institut de Biologie-Faculté de Médecine de l'Université de Montpellier; Steering Committee of « UMR 7001 CNRS/Ecole Normale Supérieure de Chimie de Paris (ENSCP)/ Aventis-Gencell »; Scientific Committee of « UMS CNRS/ Pierre Fabre

Médicament»; Scientific board of directors « Comité de direction pour les relations inter-organismes de recherche RIO : CEA /CNRS/ INRA/ INSERM »; Scientific council of « Ecole Normale Supérieure de la rue d'Ulm, Paris »; Scientific council of the « Institut de Biologie du Collège de France, Paris »; Scientific committee of the city of Paris for the Paris Medical prize; Scientific advisory board of the military services « Direction Générale des Services de Santé des Armées »; Scientific council for the clinical researches, Montpellier' hospitals; Scientific committee of the Jacques MONOD lectures; Scientific council of the Microbiology program of the CNRS).

**Christian Devaux has published about 140 peer-reviewed scientific papers** (including papers in Nature, Nature Biotech., EMBO J., Mol. Cell. Biol., Blood, J. Biol. Chem., J. Immunol., Eur. J. Immunol., J. Virol., Virology).

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Beside his lab duties, from 2000 to 2004, Christian Devaux **has served as a deputy-director of the French CNRS in Paris** where he was in charge of 20% of the CNRS life sciences research facilities (**about 80 CNRS laboratories –over 3000 researchers-**), and next (2004-2005) was nominated **Director of the French CNRS life sciences (about 300 CNRS laboratories and 12000 researchers-)**.

Since 2001, Christian Devaux is **in charge of the Biosafety/Biodefense programs of CNRS** and relationships with Ministry of Research, State public health services and Ministry of Health, Military labs and Ministry of Defense and the French homeland security departement for bioterrorism (“SGDN” services). He also serves as scientific expert for BSL-3 and BSL-4 facilities labs in France and China (BSL-4 facilities in Wuhan, China).

More recently (2003-2004) Christian Devaux was **trained in business and administration** both at CNRS and at high school of the French Ministry of Economy (IGPDE “Cycle des Hautes Etudes pour le Développement Economique”).

From march 2006 and up to 2009, Christian Devaux was in charge to supervise the scientific researches on **infectious diseases at the French Ministry of Education and Research**. He also acted as **Ministry delegate on the Boards** of the National Institute of Health (INSERM), Center for disease control (InVS), AIDS Research agency (ANRS), Blood transfusion centers (EFS), National program on infectious diseases (ANR), Agency for research and development (AIRD), Pasteur Institutes, among others.

Christian Devaux is also the corresponding French scientist for the European research consortium on avian influenza. In addition, during the last 5 years (2006-2010), he has been **Director for the Emerging infectious diseases program of CNRS**.

Finally, he serves as delegate for the **French-Chinese groups** (GFC) both in infectious diseases and Chinese traditional Medicine (MTC).

From November 2009 up to November 2010, Christian Devaux was **Director of Biology and Health** department at **the French Ministry of Education and Research**, in charge of the national research strategy of public institutions.

Starting January 2011 Christian Devaux will be **Director for the Health programs at AIRD Agency** (the main objectives being: Research for the South; Public health and health policy; Capacity-building support for Southern communities; Partnerships around the world), which are mainly focused on infectious diseases.