

Fiche mise à jour le 30/03/2021   ■

199911775H : IPBS INSTITUT de PHARMACOLOGIE et de BIOLOGIE STRUCTURALE - Unité de recherche

## Responsables

**Directeur** - Olivier NEYROLLES à partir du 01/01/2021

[olivier.neyrolles@ipbs.fr](mailto:olivier.neyrolles@ipbs.fr)

Le responsable ne souhaite pas publier ses coordonnées. **Directeur adjoint** - Fabrice DUMAS à partir du 01/01/2021

[fabrice.dumas@ipbs.fr](mailto:fabrice.dumas@ipbs.fr)

Le responsable ne souhaite pas publier ses coordonnées.

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**Adresse** : 205 route de Narbonne, BP 64182 31077 TOULOUSE CEDEX 4

**Site** : <http://www.ipbs.fr>

**Descriptif** : Aucun

**Ecole(s) doctorale(s) de rattachement** :

- BIOLOGIE SANTÉ BIOTECHNOLOGIES

**Rattachée au(x) thème(s) de recherche suivant(s):**

- Microenvironnement , Cancer and Adipocytes
- Genetic Instability and Transcriptional Regulation
- Cellular Biophysics
- Proteomics and Mass Spectrometry of Biomolecules
- Structural Biophysics
- Mycobacterial interactions with Host Cells
- Immunomodulation by mycobacterial lipids & glycoconjugates
- PICT - Screening platform of Toulouse
- TRI - Optical imaging and spectroscopy facility
- ANEXPLO - Transgenesis, Zootechnics and Functional Exploration Platform of Toulouse
- Integrative Biological NMR
- Multi-scale modeling of host-pathogen interactions and immune response
- Mycobacterial Envelopes and therapeutic targets
- Vascular biology - Endothelial cells in Immunity, Inflammation and Cancer
- Integrins in Immune Cells

- Immune Detection and Elimination of Pathogens
- Phagocyte architecture and dynamics
- Proteomics Infrastructure of Toulouse
- Molecular Mycobacterial Pathogenesis
- Deciphering and Drugging DNA repair

**Liens avec d'autres structures :**

Aucun

**Contact:** direction@ipbs.fr

**Année de création :**1999

**Site ESR :**

- Université de Toulouse, depuis le 01/01/2015

**Classement scientifique ERC :**

- LS4 : Physiology in Health, Disease and Ageing : Organ and tissue physiology, comparative physiology, physiology of ageing, pathophysiology, inter-organ and tissue communication, endocrinology, nutrition, metabolism, interaction with the microbiome, non-communicable diseases including cancer (and except disorders of the nervous system and immunity-related diseases))
- LS1 : Molecules of Life: Biological Mechanisms, Structures and Functions : Molecular biology, biochemistry, structural biology, molecular biophysics, synthetic and chemical biology, drug design, innovative methods and modelling
- LS3 : Cellular, Developmental and Regenerative Biology : Structure and function of the cell, cell-cell communication, embryogenesis, tissue differentiation, organogenesis, growth, development, evolution of development, organoids, stem cells, regeneration, therapeutic approaches
- LS6 : Immunity, Infection and Immunotherapy : The immune system, related disorders and their mechanisms, biology of infectious agents and infection, biological basis of prevention and treatment of infectious diseases, innovative immunological tools and approaches, including therapies

**Domaine scientifique :**

- 5 : Biologie, médecine et santé 2021
- 4 : Chimie 1999

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CNRS -  
Centre  
national de la  
recherche  
scientifique  
(UMR 5089)  
(établissement  
tutelle à partir  
de 1999)

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INSERM -  
Institut  
national de la  
santé et de la  
recherche  
médicale  
(UMR 5089)  
(établissement  
participant à  
partir de  
2003)

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TOULOUSE  
3 - Université  
Toulouse 3 -  
Paul Sabatier **Etablissement**  
(UMR 5089) **référent**  
(établissement  
tutelle à partir  
de 2015)

## Historique

- Libelle(s) de structure
  - 18/09/2015 : Institut de pharmacologie et de biologie structurale

- 22/09/2011 : IPBS
- 22/09/2011 : INSTITUT DE PHARMACOLOGIE ET BIOLOGIE STRUCTURALE
- Responsable
  - 01/01/2016 - 31/12/2020 : Alain-Jacques MILON (DIR-ADJ)
  - 01/01/2009 - 31/12/2020 : Jean-Philippe GIRARD (DIR)
  - 01/01/2016 - 31/12/2020 : Olivier NEYROLLES (DIR-ADJ)
  - 01/01/2000 - 31/12/2002 : François AMALRIC (DIR)
  - 01/01/2000 - 31/12/2002 : François AMALRIC (DIR)
- Label et Numéro d'établissement
  - 27/07/2011 : **UMR 5089**  
TOULOUSE 3 - Université Toulouse 3 - Paul Sabatier (UMR 5089)
  - 27/07/2011 : **UMR 5089**  
CNRS - Centre national de la recherche scientifique (UMR 5089)
  - 27/07/2011 : **UMR 5089**  
INSERM - Institut national de la sante et de la recherche medicale (UMR 5089)
- Domaines scientifiques
  - 1999 - 2011 : 5- Biologie, médecine et santé
- Classement scientifique ERC
  - 2000 - 2010 : LS1- Molecules of Life: Biological Mechanisms, Structures and Functions : Molecular biology, biochemistry, structural biology, molecular biophysics, synthetic and chemical biology, drug design, innovative methods and modelling
  - 2000 - 2010 : LS2- Integrative Biology: from Genes and Genomes to Systems : Genetics, epigenetics, genomics and other 'omics studies, bioinformatics, systems biology, genetic diseases, gene editing, innovative methods and modelling, 'omics for personalised medicine
- Thème(s) de recherche
  - - 2020 : High Endothelial Venules (HEVs), Inflammation and Cancer
  - - 2020 : Hematopoietic Stem Cell Biology and Cancer
  - - 2020 : Sphingolipids in cancer and aging
  - - 2020 : Radiobiology and DNA repair
  - - 2020 : Genotoxicology
  - - 2020 : Transcription and DNA Repair
  - - 2020 : Membrane and DNA Dynamics
  - - 2020 : NMR and protein-membrane interactions
  - - 2020 : Molecular and functional pharmacology of neuropeptides receptors
  - - 2020 : Mycobacterial Envelopes : structure, biosynthesis and function
  - - 2020 : Molecular Mycobacterial Pathogenesis
  - - 2020 : Phagocyte migration and differentiation
- Etablissements

- 2003 - 2014 : TOULOUSE 3- Université Toulouse 3 - Paul Sabatier
- 2000 - 2002 : TOULOUSE 3- Université Toulouse 3 - Paul Sabatier
- 2000 - 2002 : INSA TOULOUSE- Institut National des Sciences Appliquées Toulouse