

Grosset Christophe François, PhD, 51 year old

Research Director, INSERM

ORCID number: <https://orcid.org/0000-0002-0479-6291>

Research ID : I-5059-2016

45 publications, 2 patents, h-index = 16/19, citations = 1214/1865 (Researcher ID/Google Scholar)

Current lab address

Laboratoire Biothérapies des Maladies génétiques, Inflammatoires et du Cancer, INSERM U1035, Université de Bordeaux, 146 Rue Léo Saignat, 33076 Bordeaux cedex, France (Dir. : Pr Alain Taïeb).

<https://u1035-insERM.fr/en/institution>.

Tel: +33 557 574 630 / +33 647 207 571; Fax: 05-57-57-13-74 ; email: christophe.grosset@insERM.fr

Education

- 1998: **PhD**. *Life and Health Sciences, University of Bordeaux, France.*

- 2011: **HDR Accreditation to supervise research, University of Bordeaux, France.**

Professional Experience

- 1998-2000: *Postdoctoral fellow in Dr Ann-Bin Shyu's lab. Department of Biochemistry and Molecular Biology, The Texas Houston Medical School, Houston, Texas, USA.*

- 2000-2002: *Postdoctoral fellow in Pr Josy Reiffers's lab. Laboratoire de Greffe de Moelle, UMR CNRS 5540, University of Bordeaux, France.*

- 2002-Today: *INSERM Research Scientist, INSERM units, University of Bordeaux, France.*

Scientific animation

- 2005 -2015: *Head of the "microRNA and liver cancer" team (3-6 people).*

- 2016-2021: *Head of the international miRCaDe team (6 researchers, 12-18 people from 8 different countries) created the 1st January 2016.*

Domain of expertise

Liver, cancer, hepatocellular carcinoma, hepatoblastoma, post-transcriptional regulation, RNA-binding proteins, microRNA, molecular and cellular biology, Wnt pathway, ERK pathway, Fanconi Anemia pathway, biomarkers, therapy, RNA seq, cell xenograft, mice, chick embryo.

Major Committee Assignments

- *Master Degree jury Member (2004-2007, 2008-2009, 2013)*

- *CS 65^{ème} section jury member (2006-2007)*

- *Bordeaux University Thesis tutor since 2013*

- *Thesis jury member (9)*

- *HDR jury member (2)*

- *2014-2015, Member of the Bordeaux University Academic and Research committees*

- *2014, 2015, 2017, 2018: Consultant for Assemblée Nationale as an expert in pediatric oncology*

Journal peer-reviewing

PNAS, Journal of Hepatology, British Journal of Cancer, Carcinogenesis, Biochimie, International Journal of Cancer, European Journal of Cancer, BMC Gastroenterology, PloS One, RNA, Nucleic Acids Research, Genome Biology, Journal of Experimental and Clinical Cancer research, Clinics and Research in Hepatology and Gastroenterology, Wiley Interdisciplinary Reviews: RNA, Vision Research, Molecular and Cellular Probes, Médecine Sciences.

Memberships and project coordination

- *Member of HEPATOBIO, ILCA, SIOPEL, REACT-4KIDS, SIOP.*

- *Scientific coordinator of three multicentric projects (INCa PLBIO 2012, INCa TRANSLA 2013, FRM BIOINFO 2013, LNCC-Enfants et Cancer 2018) with biologists, chemists, bioinformaticians and/or clinicians.*

Scientific and societal animations

- 38 Oral presentations and 45 Posters in national and international congresses.
- TV reporting (France Télévisions-France 0 channel, ARTE TV)
- NEWS papers: Sud-Ouest
- Press conferences (Assemblée Nationale 2014, 2018)
- 5 debates with public audience about pediatric cancers
- Meeting with French deputies (PS? LREM, UDI).

Invitations

- 2012: MicroRNAs and hepatocellular carcinoma, Paris-Sud University Doctoral School Day in Cancerology, "MicroRNAs and Cancers", Villejuif, France.
- 2014: MicroRNAs: mediators of differentiation and biomarkers of diseases, Crakow, Poland.
- 2016: Sino-French School in Oncology, Wuhan, China.
- 2017 : IPMC-CNRS, Nice Sophia Antipolis, France.

Teaching

- 2018: Master 2 Recherche: Conception d'Outils Thérapeutiques et Diagnostiques (UE Identification et validation de cibles thérapeutiques)
- 2019 : Société Française de Cancérologie, Epigenetic session, Les microARN, petits régulateurs géniques à fort potentiel thérapeutique en cancérologie

Grants and contracts

LNCC-Enfants et Cancer 2018, Région Nouvelle-Aquitaine/Fondation Groupama 2018, INCa TRANSLA 2013, FRM BIOINFO 2013, INCa, PLBIO 2012, ANR 2010, ANR JC 2007, Cancéropôle Grand Sud-Ouest 2011, La Ligue Régionale contre le Cancer 2003-2017, the University of Bordeaux Excellence Initiative 2014 and 2016 Post-doctoral fellowship program. Close and durable partnerships with many patients' associations (=8).

Supervision and training

2005-2019: 6 post-docs (1 ongoing), 8 PhD theses (1 ongoing), 30 Pre-doctoral Diplomas, 4 Assistant Engineers.

Organization of congresses

- SifrARN meeting 2004, France.
- Génomique Fonctionnelle du Foie 2012, Bordeaux, France.
- Bordeaux RNA Club 2008-2019, Pessac, France.
- SIOPEL 2017, Paris, France.
- 3rd Colloquium of Fundamental Research in Pediatric Oncology 2019, Bordeaux, France.

Prizes

- 2014-2017: Prime d'Encadrement Doctoral et de Recherche (PEDR).
- SIOP 2018 Poster award (Kyoto, Japan, <https://siop-online.org/poster-awards>)

Patents:

1. CF Grosset et al. Use of catenin-beta 1-targeting microRNAs for treating liver cancer. European patent UNIVERSITE DE BORDEAUX-INSERM-UNIVERSITE PARIS SUD - PARIS XI n°B2059PC00; PCT/EP2016/065938; submitted on the 6th of July, 2016.
2. CF Grosset et al. Use of Glypican-3-targeting microRNAs for treating liver cancer. European patent UNIVERSITE DE BORDEAUX-INSERM n° B2058PC00; PCT/EP2016/065933; submitted on the 6th of July, 2016.