

Delpy Laurent : candidature Section 29 du Comité National du CNRS, collège A1

Birth December 16, 1973 (Brive, France), 2 children / +33 519 564 214

Laurent Delpy, PhD, HDR, DR1 CNRS / Team Leader BioPIC (Biology of Plasma cells, Immunopathology and Cancer; 25 people), CRIBL lab, CNRS UMR7276, INSERM U1262, Université de Limoges, France / Centre de Biologie et de Recherche en Santé (CBRS, bureau 210), 2 rue du Pr Descottes, F-87025, Limoges, France.

Education and Professional Experience

2024 Promotion to first-class Research Director (DR1 CNRS)
2017 Research Director (DR2 CNRS)
2010 Habilitation to Direct research (HDR: French diploma)
2009 Habilitation for Animal Experimentation Level I
2005 Research Investigator (CNRS)
2002-2005 Post-doc Dr JC Guéry's lab (INSERM U563, Toulouse) / Project: Implication of estrogens in autoimmune diseases / Fellowship: Europ-INSERM Myasthenia Gravis Network (2002-04), AFM (2004-05)
2001-2002 ATER (tenure track for Assistant Professor), Université de Limoges, France
1998-2002 PhD with Honors, Prof. M Cogné's lab (CNRS UMR6101, Limoges); B cell development blockade by homologous recombination in the immunoglobulin heavy chain (IgH) locus

Other Activities

Member of Scientific/Steering Committees

2021-present INSERM International Research Programs
2021-2024 CALYM Carnot Institute (Consortium for lymphoma research)
2017-2021 Fondation ARC (CN1: Immunology, Onco-Haematology, Microbiology)
2016-2020 La Ligue Contre le Cancer (Nouvelle-Aquitaine)
2012-2019 Comité d'Orientation de la Recherche sur le Cancer en Limousin (CORC)
2011-2017 Cancéropôle Grand Sud-Ouest (axis 2)

Group of experts Evaluation of psychosocial risk factors at the CNRS (2020) / Evaluation of CNRS Research careers (BAP A, Délégation Aquitaine Limousin, 2010)

Society membership Oligonucleotide Therapeutic Society (OTS), French Society of Immunology (SFI), European Federation of Immunological Societies (EFIS)...

Reviewer Mol Ther, Biological Reviews, Nucleic Acids Research, Front Immunol, Cell Cycle, Int Immunol... /Grants: Fondation ARC, La Ligue Contre le Cancer, ANR, INCa, FFRMG, Sport&Collection, Research Foundation Flanders (FWO), Czech Science Foundation (GACR)...

Pedagogical, teaching and administrative responsibilities

Supervising activity 11 PhD students, 8 post-docs, 5 Engineers and >10 Masters / *Other internships*: Dublin Institute of technology (Master), Ireland; CEGEP de l'Outaouais (Licence), Québec...

Teaching Licence and Master degrees (>350h since 2001)

2017-present Master Biologie-Santé (Genomics, Molecular Oncology and Biotherapies; Université de Limoges): 12h lecture/year (RNA maturation and RNA-based strategies / Regulation of gene expression)
2012-2017 Scientific Council of Doctoral School (ED 524 Bio-Santé, Université de Limoges)
2006-present Member of jury (approx. 4/year): PhD, Thesis committee, HDR (Habilitation to Direct Research)
2011-2017 Organization of Journal Club (CRIBL lab)
2011 Evaluation Committee Assistant Professor position; Université Paul Sabatier, Toulouse, France
2020-present CRIBL Laboratory Management Board / Annual interviews with CRIBL unit staff
2006-2022 Organization of 10 congress/workshop (B-cell session of SFI, Cancéropôle GSO, Immuno-Oncology ...)

Grants (selection from 2016)

2024-2027 AAP Enseignement Supérieur et Recherche (ESR) Nouvelle-Aquitaine, 2 Teams, LD coord.
2022-2026 INCa PLBIO (PLBIO N°2022-110, acronym PIC-ASO), 3 Teams, LD coord.
2021-2022 INSERM Transfert program MAT-PI-19135-A-02, patent WO2020/245182, LD coord.
2020-2023 AAP Enseignement Supérieur et Recherche (ESR) Nouvelle-Aquitaine, 2 Teams, LD coord.
2018-2021 Collaboration SILAB company (France), grants and PhD thesis CIFRE contract, LD coord.
2017-2021 ANR-PRC 2017-CE15-0024-01 (acronym TIE-SKIP), 2 Teams, LD coord.
2017-2020 Fondation Française pour la Recherche contre le Myélome (FFRMG), LD.
2017-2019 SATT Grand-Centre maturation program (patent WO2017089359), LD
2017-2018 Research project Fondation ARC (PJA 20161204724), LD, 2 years.

2023-2026 ANR-PRC 2023-CE17-0024-03 (acronym DMUX-IgAN), 4 Teams, M. Cogné coord. (INSERM U1236, MOBIDIC, Rennes, France), Partner 4 LD.

2022-2023 Collaboration Gate Bioscience (San Francisco, CA, US), collab Team 3 BioPIC (C. Sirac et LD).

2016-2019 INCa-PLBIO (PLBIO15-256), 4 Teams, J. Moreaux coord. (CNRS UPR 1142, IGH, Montpellier, France), Partner 2 LD.

Valorization:

WO2022/053536 Delpy L*, Marchalot A, Faumont N, Feuillard J. Use of splice switching oligonucleotides for exon skipping-mediated knockdown of NF-κB components in B cells. (*lead inventor)

EP21305513 (2021) Fest T*, Haas M, Moreaux J, Marchalot A, Delpy L, Lacombe G. Use of splice switching oligonucleotide for exon skipping-mediated knockdown of PIM2.

WO2020/245182 Delpy L*, Marchalot A, Cogné M, Laffleur B. Methods for modulating Immunoglobulin expression (Maturation program 2021-2022: INSERM Transfert MAT-PI-19135-A-02) / Communications: "Inserm Actualités", 06/12/2021.

WO2017/089359 Delpy L*, Srouf N, Cogné M. Use of Antisense Oligonucleotides for Producing Truncated Ig by Exon Skipping for the Treatment of Diseases Involving B Cells (Maturation program 2017-2019: SATT-Grand-Centre) / Communications: "Lettre Innovation du CNRS", 17/11/2016.

Software registration **ExonSkipper** for In silico analysis of exon skipping (n° IDN.FR.001.150009.000.S.P.2025.000.31235; date 09/04/2025). Software registration to the Agency for the Protection of Programs (APP): "exonSkipper1.0" by Delpy Laurent*, Boyer François and Marchalot Anne.

Collaborations

Prof. Jérôme Moreaux (PU) Département d'hématologie biologique CHU de Montpellier - Institut de Génétique Humaine, UMR 9002 CNRS - Université de Montpellier, France (INCa-PLBIO PICASO, 2022-26, LD coord; ANR-PRC TIE-Skip, 2017-21, LD coord; INCa-PLBIO RecQ helicase, 2016-19, JM coord)

Dr Brice Laffleur (CR INSERM) UMR INSERM U1236 - MOBIDIC – Université de Rennes (INCa-PLBIO PICASO, 2022-26, LD coord)

Prof. Thierry Fest (PU-PH) UMR INSERM U1236 - MOBIDIC – Université de Rennes (Programme Labellisé Fondation ARC 2022-25 to T. Fest)

Prof. Philippe Barthélémy (PU) INSERM U1212 UMR CNRS 5320 – ARNA, Bordeaux, France (AAP ESR Région Nouvelle-Aquitaine 2020-23 and 2024-27; maturation program INSERM Transfert 2021-22 MAT-PI-19135-A-02, LD coord)

Prof. Michel Cogné (PU-PH) UMR INSERM U1236 - MOBIDIC – Université de Rennes (ANR-PRC DMUX-IgAN, 2023-26, MC coord)

Congress (selection from 2016)

15/05/2025 Workshop RNA & Cancer, Toulouse, France (invited speaker)

05/2024 16èmes Journées scientifiques du Cancéropôle Nord-ouest, Deauville (invited speaker)

12/2022 Journées du Cancéropôle GSO, La Grande Motte (France)

12/2021 Annual SFI Meeting, Paris (France) (oral communication)

11/2021 Journées du Cancéropôle GSO, Carcassonne (France)

16/12/2020 e-seminar series, Cancéropôle GSO (invited speaker)

07/01/2020 Omega-Days meeting, GEIST Institute - Limoges University (France) (invited speaker)

11/2019 Journées du Cancéropôle GSO, Arcachon (France)

05/2019 Workshop Cancer and Genome Dynamics, Banyuls-sur-Mer (France) (poster)

03/2018 Roadshow Cancer ALLIS Nouvelle Aquitaine, Poitiers (France) (invited speaker)

11/2017 Annual Meeting of the French Society for Immunology (SFI), Reims (France) (B cell session co-organizer and chairman)

09/2017 Annual OTS (Oligonucleotide Therapeutics Society) Meeting, Bordeaux (poster)

06/2017 Workshop Onco-Immunologie, 12 juin 2017, Toulouse (France)

09/2016 International Caparica Conference in Splicing, Lisbon (Portugal) (invited speaker)

06/2016 Keystone Symposia on Molecular and Cellular Biology, Stockholm (Sweden) (poster)

Publications (ORCID: 0000-0002-9480-8515): ~40 articles including JACI, J Exp Med, Cell & Mol Immunol, PNAS, Mol Cell Biol, J Immunol, Front Immunol ... as corresponding/first author; Science, Circulation, Blood, Nat Comm, PNAS ... as collaborator) /***Series editor: Methods Mol Biol ("RNA analysis" Methods and Protocols) including 4 chapters as corresponding author (in press).***