

Daniel DUNIA
DR1 CNRS
Candidat aux élections pour la section n°29 du comité national
Collège A1

CURRICULUM VITAE

Daniel DUNIA, Ph.D.

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Current position: Director of Research 1st Class at CNRS. Team leader, Inserm U1291-CNRS U5051 (Infinity). Co-Founder & Scientific advisor of Neurodyx Therapeutics

RESEARCH AND ACADEMIC EXPERIENCE

Research Positions

2015 – Present: Directeur de Recherche 1^{ère} classe at CNRS, Toulouse

2007 – 2015: Directeur de Recherche 2^{ème} classe at CNRS, Toulouse

2003 – 2007: Chargé de recherche 1^{ère} classe at CNRS, Toulouse

2002 – 2006: Avenir team leader, Inserm, Toulouse.

1999 – 2002: Chargé de recherche and Group leader, Institut Pasteur, Paris.

1995 – 1998: Post-doctoral Fellow, The Scripps Research Institute (La Jolla, CA, USA)

1995 – 1998: Assistant de recherche, Institut Pasteur, Paris.

1993 – 1994: Fondation Roux fellow, Institut Pasteur, Paris.

1989 – 1992: Ph.D. training, MRT Fellow, Université Paris VI and Institut Pasteur, Paris, France.

Awards

2018, 2023: CNRS Incentive bonus

2009: "Équipe FRM"

2002: Research award from the "Fondation Cino del Duca"

2001: Inserm Avenir

COMMITTEES, CONSULTING AND REVIEWING ACTIVITIES

International scientific expertise: reviewing for grants or positions for EMBO, Deutsche Forschungsgemeinschaft (DFG), Dana Foundation, Narsad, European Commission (HORIZON-HEALTH program; reviewing and ranking at the 2 stages).

National scientific expertise: ANR, Fédération Recherche sur le Cerveau, Programmes Transversaux de Recherche Institut Pasteur, LabEx, ARSEP.

Jury for Ph.D. or HDR defenses: 2-3 per year

Member of the ANR CE15 Scientific Panel (2021-2022): reviewing and ranking at the two stages of the application process.

Administrative duties and Committees:

Co-Director of a team at Infinity; Member of the "comité de direction d'Infinity".

Scientific Coordinator of the Infinity Imaging platform

Member of the local Committee on Ethics for Animal Experimentation (CEEA 122, Toulouse).

Member of Neurotoul, Aviesan "Centre of Excellence in Neurodegeneration" (CoEN) (07/2015).

Infinity CNRS Correspondent for Europe and International calls.

Journal reviewing activities:

Ad-hoc reviewer for: Journal of Virology, PNAS, The FASEB Journal, Virology, Journal of General Virology, Archives of Virology, Clinical Microbiological Reviews, Emerging Infectious Diseases, Journal of NeuroVirology, PLoS One, PLoS Pathogens. Brain Research, Viruses, Microbiology and Immunology, Molecular Therapy.

Editorial board member for the Journal of General Virology (2004-2009);

Associate Editor for "Microbes and Infection" (Since 2021)

BIBLIOGRAPHY

Indexed articles and reviews (web of science): **>68**; H index: **27**; 2 patents

SELECTED PUBLICATIONS

1. Marty, F.H., L. Bettamin, A. Thouard, K. Bourgade, S. Allart, G. Larrieu, C.E. Malnou, **D. Gonzalez-Dunia**, and E. Suberbielle. 2022. Borna disease virus docks on neuronal DNA double-strand breaks to replicate and dampens neuronal activity. **iScience** 25:103621.
2. Rolland M, Martin H, Bergamelli M, Sellier Y, Bessi res B, Aziza J, Benchoua A, Leruez-Ville M, **Gonzalez-Dunia*** D, Chavanas* S (* joint last authors). 2021. Human cytomegalovirus infection is associated with increased expression of the lissencephaly gene PAFAH1B1 encoding LIS1 in neural stem cells and congenitally infected brains. **J. Pathol.** 254(1):92-102.
3. Betourn , A., M. Szelechowski, A. Thouard, E. Abrial, A. Jean, F. Zaidi, C. Foret, E.M. Bonnaud, C.M. Charlier, E. Suberbielle, C.E. Malnou, S. Granon, C. Rampon, and **D. Gonzalez-Dunia**. 2018. Hippocampal expression of a virus-derived protein impairs memory in mice. **Proc. Natl. Acad. Sci. USA** 115:1611-1616.
4. Mansuy JM, Suberbielle E, Chapuy-Regaud S, Mengelle C, Bujan K, Marchou B, Delobel P, **Gonzalez-Dunia D**, Malnou CE, Izopet J, Martin-Blondel G. 2016 Zika virus in semen and spermatozoa. **The Lancet Infectious Diseases** 16(10): 1106-7.
5. Szelechowski, M, B tourn , A, Monnet, Y, Thouard, A, Ferr , CA, Peyrin, JM, Hunot, S and **Gonzalez-Dunia D**. 2014. A virus-derived, mitochondria penetrating peptide protects against neurodegeneration in models of Parkinson's disease. **Nature Communications** 5:5181. doi: 10.1038/ncomms6181.