

Dr David RIBET, PhD

French, 44 years

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CURSUS

1999-2003 Student at the **Ecole Normale Supérieure de Cachan** (Biochemistry-Biological Engineering Dpt)
2000-2001 **Bachelor and Master's degree** (1st year) in **Biochemistry** (Paris Diderot University)
2002 **"Agréation"** (French degree for high-school teaching) in **Cell biology, Physiology and Molecular Biology**
2003 **Master's degree** (2nd year) in **Microbiology & Virology** (Paris Diderot University, Paris, France)
2003-2007 **PhD in Microbiology** (University of Paris VII)
2009 **Training in Cellular Microbiology** ("Diplôme Universitaire", Lille 2 University, Lille, France)
2016 **Research Direction Accreditation - HDR** (Paris Diderot University, Paris, France)
2017 **Training in Animal Experimentation – Designer** (Institut Pasteur, Paris, France)

ACADEMIC POSITIONS

2003-2007 **PhD in Microbiology and Virology**, University of Paris VII, France
"Mammalian endogenous retroviruses: Characterization of active families and their evolutive histories" (PhD supervisor : Dr. T. Heidmann)
2007-2010 **Post-Doc in Microbiology**, Institut Pasteur, Paris, France
"Bacterial pathogens and post-translational modifications of host proteins"
(Head of the lab : Pr. P. Cossart)
2010-2017 **Research Scientist (INSERM) in Microbiology**, Institut Pasteur, Paris, France
(Head of the lab : Pr. P. Cossart)
2017 - now **Research Scientist (INSERM) in Microbiology, University of Rouen**
"Microbiota and intestinal dysfunctions in Anorexia Nervosa"
(U1073, Head of the lab : Pr. M. Coëffier)

TEACHING POSITIONS

2003-2006 Teaching assistant, University of Paris VII
since 2008 Occasional lecturer in different undergraduate and master's courses (6h/year)
2015-2016 Teacher of Pratical Courses in Microbiology, Institut Pasteur, Paris
2016 - now **Professor in Microbiology at the Ecole Polytechnique, Palaiseau, France**

AWARD AND SCIENTIFIC PRIZES

2008 « Prix de thèse de l'Université du Val-de-Marne » (Paris XII University)
2009 « Hélène Starck » Prize (Association pour la Recherche sur le Cancer)
2010 « René Descartes » Prize (Association JCARD)
2017 Prize from the IxCore Foundation for Research

RESEARCH INTEREST

- Food-borne pathogens
- Intestinal microbiota and bacteria-host interactions
- Eating disorders
- Functional gastrointestinal disorders
- Inflammatory Bowel Diseases

5 MAIN PUBLICATIONS :

1. Ezzine C, Loison L, Montbrion N, Bôle-Feysot C, Déchelotte P, Coëffier M, **Ribet D.** *Fatty acids produced by the gut microbiota dampen host inflammatory responses by modulating intestinal SUMOylation.* **Gut Microbes.** (2022) 14, 2108280.
2. Breton J., Tirelle P., Hasanat S., Pernot A., L'Huillier C., do Rego J.C., Déchelotte P., Coëffier M., Bindels L.B., **Ribet D.** *Gut microbiota alteration in a mouse model of Anorexia Nervosa.* **Clin Nutr.** (2021) 40, 181-189.
3. Malet J.K., Impens F., Carvalho F., Hamon M.A., Cossart P., **Ribet D.** *Rapid Remodeling of the Host Epithelial Cell Proteome by the Listeriolysin O (LLO) Pore-forming Toxin.* **Mol Cell Proteomics.** (2018) 17(8):1627-1636.
4. Impens, F. Radoshevich L., Cossart, P.* and **Ribet, D.*** *Mapping of SUMO sites and analysis of SUMOylation changes induced by external stimuli.* **Proc Natl Acad Sci USA.** (2014) 111, 12432-7.
5. **Ribet, D.**, Hamon, M., Gouin, E., Nahori, M.A., Impens, F., Neyret-Kahn, H., Gevaert, K., Vandekerckhove, J., Dejean, A. & Cossart, P. *Listeria monocytogenes impairs SUMOylation for efficient infection.* **Nature.** (2010) 464, 1192-95.