

Jennifer JAGER, Ph.D.**ORCID: 000-003-3740-9742****Higher education qualifications and research experience**

2018-present: Researcher CRCN INSERM (tenure position). Mediterranean Center for Molecular Medicine (C3M), University of Côte d'Azur, Nice France. Team: Insulin resistance in obesity and type 2 diabetes. Directors: Dr. Tanti and Dr. Cormont.

2017-18: Assistant Professor. Laboratory of Dr. Myriam Aouadi, Integrated Cardio Metabolic Centre, Karolinska Institutet, Sweden. Title: Role of micro-RNAs expressed by liver macrophages in obesity-induced insulin resistance.

2015-2017: Senior Post Doctoral fellow. Laboratory of Dr. Myriam Aouadi, Integrated Cardio Metabolic Centre, Karolinska Institutet, Sweden. Project: Role of liver macrophages in obesity-induced insulin resistance.

2010-2015: Post Doctoral fellow. Laboratory of Dr. Mitchell Lazar, University of Pennsylvania, Philadelphia, USA. Title: Role of the Nuclear Receptor Rev-erb α in circadian rhythm and metabolism.

2009: Ph.D. in Life Science, University of Nice-Sophia Antipolis, France. Supervisor: Dr. J.F. Tanti. Title: Implication of ERK pathway in adipose tissue inflammation and insulin resistance in obesity.

2005: Master of Advanced Study in Molecular and Cellular Biology and Physiology, University of Nice-Sophia Antipolis, France.

Teaching and supervision

Ph.D. students: Inès Mucel, currently, University of Côte d'Azur, France. Fenfen Wang, 2010-13, University of Pennsylvania, USA.

Master students: 5 students at the University of Côte d'Azur, Nice, France. 1 student at the Karolinska Institutet, Sweden. 1 student at the University of Pennsylvania, USA.

Undergraduate students: 3 students in Nice, France (2 months internship).

2008-09: Teacher Assistant for Practical Work in Physiology, University of Nice-Sophia Antipolis, France.

Awards and Fundings

2024-25: Program PHC (Partenariats Hubert Curien) PROTEA, Campus France, Ministry of Europe and Foreign Affairs, Principal Investigator (PI).

2020-25: Research grant, National Agency for Research (ANR), 300 K€. PI.

2019-2022: Research funding from the Medical Research Foundation (FRM). 400K€. Participant.

2019: Research grant, Foundation Benjamin Delessert, 15K€. PI.

2019: Research grant, Multi-Organism Thematic Institute (ITMO), 15K€. PI.

2018: Research grant, Francophone Society for Diabetes (SFD), 30K€. PI.

2018: Research grant, French Association for the Research on Obesity (AFERO), 10K€. PI.

2016: Diabetes Wellness Junior Grant, Diabetes Wellness Foundation (Sweden), 200 KSEK. PI.

2016: Best project prize, Strategic Research Programme in Diabetes, Karolinska Institute, Sweden.

2015: Best poster prize, Epigenetic and Metabolism Symposium, University of Pennsylvania, USA.

2011: Best European Thesis on Obesity prize, European Association for the Study on Obesity (EASO).

2010: Best thesis prize from the University of Nice-Sophia Antipolis, France.

2009: Young Researcher prize from the Foundation Bettencourt-Schueller, France. 25K€.

2009: Best oral presentation, Federative Institute for Research Meeting, Nice, France.

2008-09: Pre-doctoral fellowship from the University of Nice-Sophia Antipolis, France.

2005-08: Pre-doctoral fellowship from the French Ministry of Higher Education, France.

Publications and Invitations

31 publications in international peer-reviewed journals (10 as first author). H-index: 24. Citations: 4412.

8 invitations to present at National and International meetings.

Professional services

Editor for Frontiers in Endocrinology. Guest editor for Journal of Visualized Experiments. **Reviewer** for peer-reviewed scientific journals (Nature Metabolism, Frontiers in Endocrinology, Scientific Report, AJP-Endocrinology and Metabolism...)

Administrative boarding member of the French Association for the Research on Obesity (AFERO).