PhD student

Davide G. Franchina

DOB: 1991

Education

Jan 2017 - Present	**PhD student**, Experimental and Molecular Immunology. LIH/University of Luxembourg, Esch-sur-Alzette, **Luxembourg.**
2013 - 2015	**MSc in Medical Biotechnology and Molecular Medicine,** Università Degli Studi di Milano. Milan, **Italy.**
2010 - 2013	**BSc in Biotechnology,** Università Degli Studi di Milano-Bicocca. Milan, **Italy.**

Research experience and Training

Mar 2017	**Laboratory Animal Science training,** Humboldt-Universitat Zu Berlin. Berlin, **Germany.**
Sept 2016	**Scientific Writing Academy (SWA),** Mario Negri - Institute for Pharmacological research. Ranica, **Italy**
Oct 2015 - Dec 2016	**Research Assistant**, Transplantation Research and Immunology Group (TRIG). Nuffield Department of Surgical Sciences. University of Oxford, Oxford, **UK.**
Sept 2014 - Sept 2015	**MSc Internship,** Adaptive Immunity Lab. Humanitas Research Hospital. Rozzano, **Italy.**
Jan 2015 - May 2015	**Erasmus+ Internship,** Translational Immunology Lab. KU Leuven. Leuven, **Belgium.**
Nov 2012 - Feb 2013	**BSc Internship,** Laboratory of Cellular and Molecular Immunology. Università Degli Studi di Milano-Bicocca. MIlan, **Italy.**

Memberships

- yEFIS Task Force member
- PhD student representative of the Doctoral Programme in Systems and Molecular Biomedicine
- Lindau Alumni Network
- SIICA - Società Italiana di Immunologia, Immunologia Clinica e Allergologia
- BSI - British Society for Immunology
- SIB - Società Italiana di Biochimica e Biologia Molecolare
- NextImmune PhD student representative
- Member of the organizing committee for the PhD Days 2017 at the University of Luxembourg
- German Society of Immunology (DGfI) - Biology of B lymphocytes study group

Publications

- Kurniawan H et al. Glutathione Restricts Serine Metabolism to Preserve Regulatory T Cell Function. Cell Metabolism (2020).
- Franchina DG et al. Reactive Oxygen Species: Involvement in T Cell Signaling and Metabolism. Trends in Immunology (2018).
- Franchina DG et al. B-cell metabolic remodeling and cancer. Trends in Cancer (2018)
- Franchina DG et al. Survival of the fittest: Cancer challenges T cell metabolism. Cancer Letters (2017).
- Garetto, S et al. Tailored chemokine receptor modification improves homing of adoptive therapy T cells in a spontaneous tumor model. Oncotarget (2016).