

## Daniele Saverino

### Associate Professor

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## Education and Training

- **2012** – Master's Degree in Medicine and Surgery  
University of Genoa – Genoa, Italy
  - **1999** – Specialization in Allergology and Clinical Immunology  
University of Genoa – Genoa, Italy
  - **1993** – PhD in Microbiological Sciences  
University of Genoa – Genoa, Italy
  - **1989** – Degree in Biological Sciences  
University of Genoa – Genoa, Italy
  - **1984** – Scientific High School Diploma  
Leonardo da Vinci State Scientific High School – Genoa, Italy
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## Academic Experience

- **2014 – Present** – Associate Professor  
University of Genoa
- **1999 – 2014** – University Researcher  
University of Genoa
- **1997 – 1999** – Adjunct Professor  
University of Genoa
- **1996 – 1997** – Contract Researcher  
Advanced Biotechnology Center – Chair of Immunology
- **1994 – 1996** – Research Fellow  
Italian National Institute of Health – University of Genoa
- **1992 – 1993** – Research Fellow  
Brown University – Providence, Rhode Island, USA
- **2008 – 2009** – Adjunct Professor  
Vita-Salute San Raffaele University – Milan, Italy

- **2018 – 2020** – Adjunct Professor  
University of Pavia – Pavia, Italy  
*Lecturer for the Neuroanatomy course in the Master's Degree in Neurobiology*
- **2019 – today** – Adjunct Professor  
Vita-Salute San Raffaele University – Milan, Italy
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## Advanced Teaching and Research Activities

### Supervision of PhD students, residents, and research fellows

- **2018 – Present** – PhD Program in *Hematology-Oncology and Clinical-Translational Internal Medicine*, curriculum in *Autoimmune and Autoinflammatory Diseases: Pathophysiological and Diagnostic Aspects*

### Participation in accredited PhD programs

- **2013 – 2018** – Member of the Academic Board, PhD in *Biotechnologies in Translational Medicine*
- **2018 – Present** – Member of the Academic Board, PhD in *Hematology-Oncology and Clinical-Translational Internal Medicine*

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## Research Interests

1. Characterization of Cytotoxic T Lymphocyte Antigen-4 (CTLA-4) expression in the pituitary gland and its potential role in treating pituitary adenomas unresponsive to conventional therapy
2. Serological profiling in patients with giant cell arteritis and polymyalgia rheumatica
3. Diagnostics of immune-mediated peripheral neuropathies
4. Evaluation of anti-hypothalamic antibodies in anorexia nervosa and dietary restrictions
5. Assessment of neuroimmunological parameters in athletes' saliva before and after various sports activities

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## Research Projects

- **2018 – Present**  
*Evaluation of anti-hypothalamic antibodies in anorexia nervosa*  
**Funding:** Euroimmun – Germany  
**Role:** Principal Investigator

- **2012 – 2014**  
*Effect of craniosacral therapy on the autonomic nervous system: non-invasive evaluation of biological markers*  
**Institution:** European Institute for Osteopathic Medicine  
**Role:** Principal Investigator
- **2011 – 2013**  
*Evaluation and quantification of innate immune cells in H. pylori gastritis and gastric neoplasms*  
**Funding:** MIUR (Italian Ministry of Education, University and Research)  
**Role:** Participant
- **2007 – 2008**  
*Expression of CTLA-4 isoforms in celiac disease*  
**Funding:** University of Genoa  
**Role:** Principal Investigator
- **2003 – 2005**  
*Dendritic cells transfected with carcinoembryonic antigen-lentivirus as in vitro immune response stimulators*  
**Funding:** CARIGE Foundation, Genoa  
**Role:** Principal Investigator
- **2001 – 2003**  
*Regulation of MHC class I genes by PML and immunogenicity of leukemic cells*  
**Funding:** MIUR  
**Role:** Participant
- **2000 – 2002**  
*Morphological and molecular analysis of NK cell activation via the CD38 pathway*  
**Funding:** MIUR  
**Role:** Participant