Giuseppe Cappellano, PhD

Curriculum vitae

PERSONAL DATA

Living in Novara

BIO AND EDUCATION

2004: MSc in Biology, University of Milan (with scores 110/110), Italy

2005: State exam of Biologist, University of Eastern Piedmont, Alessandria, Italy

2009: PhD in Molecular Medicine (Immunology), University of Eastern Piedmont, Novara, Italy

UNIVERSITY CAREER

2009: Postdoctoral researcher, University of Eastern Piedmont, Novara, Italy

2010: Postdoctoral researcher, Karolinska Institute, Stockholm, Sweden

2011-2014: Postdoctoral researcher, University of Eastern Piedmont, Novara, Italy

2014-2016: Lab chief at Laboratory of Autoimmunity, Medical University of Innsbruck, Austria

2016-2018: Senior postdoctoral researcher, Medical University of Innsbruck, Austria

2018-2020: Senior postdoctoral researcher, University of Eastern Piedmont, Novara, Italy

2020-2023: Fixed-term type A researcher (RTD-A), [MED/04], University of Eastern Piedmont, Novara, Italy

2023-today: Fixed term type B researcher (RTD-B), [MED/04], University of Eastern Piedmont, Novara, Italy

TEACHING

2021-today: Medical specialisation school school. PATOLOGIA GENERALE-DIMET-SS176. A013 GINECOLOGIA E OSTETRICIA, UPO.

2021-today: Molecular diagnostics: Clinical Pathology, CI di MEDICAL BIOTECHNOLOGY, SSD MED/05 - PATOLOGIA CLINICA

2020-today:

- Module of Molecular bases of diseases: Immunology, CI di TECNICHE DI RADIOLOGIA MEDICA, PER IMMAGINI E RADIOTERAPIA (ABILITANTE ALLA PROFESSIONE SANITARIA DI TECNICO DI RADIOLOGIA MEDICA) SSD MED/04, UPO

- Integrated course of Propedeutica clinica: Immunology, SSD MED/04, BSc in Health Professions, UPOs

2019- today: Module of PATHOPHYSIOLOGY AND IMMUNOBIOLOGY: FROM ENVIRONMENT TO NUTRITION: IMMUNOBIOLOGY**,** CI di LM Food, Health and Environment, SSD MED/04, UPO.

2018-today: Module of Patologia generale, CI di Propedeutica Clinica, SSD MED/04, BSc in Health Professions, UPO.

MAIN FIELD OF INTEREST

1. Immunology

2. Multiple sclerosis: understanding the pathogenesis and search for new treatments

3. Development of different human models of organ-on-chip to test drugs

TOP FIVE PAPERS

1. Raineri D, Venegoni C, Calella MG, Vaschetto R, Scotti L, Canciani E, Manfredi M, Gavelli F, Castello L, Chiocchetti A, **Cappellano G**. Worse Disease Prognosis Is Associated to an Increase of Platelet-Derived Extracellular Vesicles in Hospitalized SARS-CoV-2 Patients. Dis Markers. 2022 Jul 7;2022:8074655. doi: 10.1155/2022/8074655.

2. **Cappellano G**, Raineri D, Rolla R, Giordano M, Puricelli C, Vilardo B, Manfredi M, Cantaluppi V, Sainaghi PP, Castello L, De Vita N, Scotti L, Vaschetto R, Dianzani U, Chiocchetti A. Circulating Platelet-Derived Extracellular Vesicles Are a Hallmark of Sars-Cov-2 Infection. Cells. 2021 Jan 7;10(1):85. doi: 10.3390/cells10010085.

3. Buszko M, Cardini B, Oberhuber R, Oberhuber L, Jakic B, Beierfuss A, Wick G, **Cappellano G**. Differential depletion of total T cells and regulatory T cells and prolonged allotransplant survival in CD3Ɛ humanized mice treated with polyclonal anti human thymocyte globulin. PLoS One. 2017;12:e0173088. doi: 10.1371/journal.pone.0173088.

4.Buszko M, Jakic B, Ploner C, Hoertnagl P, Mayerl C, Wick G, **Cappellano G**. In vitro immunoregulatory effects of thymoglobulin on human immune cell subpopulations. Immunol Lett. 2017;186:1-8. doi: 10.1016/j.imlet.2017.04.002.

5.**Cappellano G,** Woldetsadik AD, Orilieri E, Shivakumar Y, Rizzi M, Carniato F, Gigliotti CL, Boggio E, Clemente N, Comi C, Dianzani C, Boldorini R, Chiocchetti A, Renò F, Dianzani U. Subcutaneous inverse vaccination with PLGA particles loaded with a MOG peptide and IL-10

decreases the severity of experimental autoimmune encephalomyelitis. Vaccine. 2014 Sep 29;32(43):5681-9. doi: 10.1016/j.vaccine.2014.08.016.

AWARDS

2021. Best article published in the collection "Paladini Italiani Della Salute", RD Editore, Italy, Roma, Campidoglio.

2018: National Scientific Habilitation to Associate Professor in General Pathology and Clinical Pathology