

Davide Raineri, PhD

Curriculum vitae

PERSONAL DATA

Born in Novara, 9th September 1990

Living in Novara, Italy

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CURRICULUM VITAE ET STUDIORUM

2014: Bachelor degree in Biotechnology - Università del Piemonte Orientale, Novara, Italy

2016: Master degree in Medical Biotechnologies *cum laude* - Università del Piemonte Orientale, Novara, Italy

2020: PhD in Medical Science and Biotechnology - Università del Piemonte Orientale, Novara, Italy

ACCADEMIC CARRER

From 2020: Post-doc fellowship, Università del Piemonte Orientale, Novara, Italy

THEACING

From 2016: bachelor and master student tutoring

RESEARCH OF INTEREST

1. Immunology
2. Autoimmune disease
3. Cancer
4. Extracellular vesicles

SCIENTIFIC PUBLICATION

1. **Raineri D**, Dianzani C, Cappellano G, Maione F, Baldanzi G, Iacobucci I, Clemente N, Baldone G, Boggio E, Gigliotti CL, Boldorini R, Rojo JM, Monti M, Birolo L, Dianzani U, Chiocchetti A. Osteopontin binds ICOSL promoting tumor metastasis. *Commun Biol.* 2020 Oct 26;3(1):615. doi: 10.1038/s42003-020-01333-1.
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. Barberis E, Timo S, Amede E, Vanella VV, Puricelli C, Cappellano G, **Raineri D**, Cittone MG, Rizzi E, Pedrinelli AR, Vassia V, Casciaro FG, Priora S, Nerici I, Galbiati A, Hayden E, Falasca M, Vaschetto R, Sainaghi PP, Dianzani U, Rolla R, Chiocchetti A, Baldanzi G, Marengo E, Manfredi M. Large-Scale Plasma Analysis Revealed New Mechanisms and Molecules Associated with the Host Response to SARS-CoV-2. *Int J Mol Sci.* 2020 Nov 16;21(22):8623. doi: 10.3390/ijms21228623.
4. Cappellano G, Vecchio D, Magistrelli L, Clemente N, **Raineri D**, Barbero Mazzucca C, Virgilio E, Dianzani U, Chiocchetti A, Comi C. The Yin-Yang of osteopontin in nervous system diseases: damage versus repair. *Neural Regen Res.* 2021 Jun;16(6):1131-1137. doi: 10.4103/1673-5374.300328.
5. Clemente N, Boggio E, Gigliotti LC, **Raineri D**, Ferrara B, Miglio G, Argenziano M, Chiocchetti A, Cappellano G, Trotta F, Caldera F, Capucchio MT, Yagi J, Rojo MJ, Renò F, Cavalli R, Dianzani C, Dianzani U. Immunotherapy of experimental melanoma with ICOS-Fc loaded in biocompatible and biodegradable nanoparticles. *J Control Release.* 2020 Apr 10;320:112-124. doi: 10.1016/j.jconrel.2020.01.030. Epub 2020 Jan 18.

6. Cappellano G, Vecchio D, Magistrelli L, Clemente N, **Raineri D**, Barbero Mazzucca C, Virgilio E, Dianzani U, Chiocchetti A, Comi C. The Yin-Yang of osteopontin in nervous system diseases: damage versus repair. *Neural Regen Res.* 2021 Jun;16(6):1131-1137. doi: 10.4103/1673-5374.300328.
7. Clemente N, Comi C, **Raineri D**, Cappellano G, Vecchio D, Orilieri E, Gigliotti CL, Boggio E, Dianzani C, Sorosina M, Martinelli-Boneschi F, Caldano M, Bertolotto A, Ambrogio L, Sblattero D, Cena T, Leone M, Dianzani U, Chiocchetti A. Role of Anti-Osteopontin Antibodies in Multiple Sclerosis and Experimental Autoimmune Encephalomyelitis. *Front Immunol.* 2017 Mar 23;8:321. doi: 10.3389/fimmu.2017.00321. eCollection 2017.
8. Castello LM, **Raineri D**, Salmi L, Clemente N, Vaschetto R, Quaglia M, Garzaro M, Gentili S, Navalesi P, Cantaluppi V, Dianzani U, Aspesi A, Chiocchetti A. Osteopontin at the Crossroads of Inflammation and Tumor Progression. *Mediators Inflamm.* 2017;2017:4049098. doi: 10.1155/2017/4049098. Epub 2017 Jul 9.
9. Clemente N, **Raineri D**, Cappellano G, Boggio E, Favero F, Soluri MF, Dianzani C, Comi C, Dianzani U, Chiocchetti A. Osteopontin Bridging Innate and Adaptive Immunity in Autoimmune Diseases. *J Immunol Res.* 2016;2016:7675437. doi: 10.1155/2016/7675437. Epub 2016 Dec 20.
10. Boggio E, Dianzani C, Gigliotti CL, Soluri MF, Clemente N, Cappellano G, Toth E, **Raineri D**, Ferrara B, Comi C, Dianzani U, Chiocchetti A. Thrombin Cleavage of Osteopontin Modulates Its Activities in Human Cells In Vitro and Mouse Experimental Autoimmune Encephalomyelitis In Vivo. *J Immunol Res.* 2016;2016:9345495. doi:10.1155/2016/9345495.

AWARD

Gennaio 2020: Best abstract award at the 10th Interdisciplinary research center of autoimmune disease (IRCAD) day, Novara.