

CURRICULUM VITAE ET STUDIORUM

Dr. Silvia Tonon

Place and date of birth: Vittorio Veneto, 14-04-1989

Citizenship: Italian

Present Position: Assistant Professor (RTDA) in General Pathology (MED/04), Immunological Section of the Department of Medicine, University of Udine, Italy.

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EDUCATION and QUALIFICATIONS

2008	Scientific High School Diploma
2011	Bachelor degree in Medical Biotechnologies, 105/110 at University of Udine (Italy)
2013	Master degree in Sanitary Biotechnologies, 110/110 <i>cum laude</i> at University of Udine (Italy)
January 2014 – December 2016	PhD student in Biomedical Science and Biotechnology. Degree obtained 31 st March 2017

WORK EXPERIENCE

April 2013 – July 2013	Erasmus mobility for Placement Consorzio KTEU EP6. University College of London, Division of Medicine; Lab of Prof. Claudia Mauri
November 2014 – April 2015	Doctor Europaeus Deutsches Rheuma-Forschungszentrum (DRFZ) in Berlin; Lab of Prof. Andreas Radbruch
March 2019 – December 2020	Editor for Springer “Methods in Molecular Biology” Editor of the book “Regulatory B Cells - Methods and Protocols, Second Edition”
March 2017 – December 2021	Post-Doctoral Fellowship at University of Udine (Italy)
May 2021- Today	Member of Junior Faculty of SIICA (Società Italiana di Immunologia, Immunologia Clinica e Allergologia)
January 2022 – Today	Assistant Professor (RTDA) at University of Udine

PUBLICATIONS

- **IL-10 production by B cells is differentially regulated by immune-mediated and infectious stimuli and requires p38 activation.** Mol. Immunol. doi:10.1016/j.molimm.2014.05.018
- **Regulatory B cells are induced by gut microbiota-driven interleukin-1 β and interleukin-6 production.** Nature Medicine 20,1334–1339 (2014) doi:10.1038/nm.3680
- **Message in a bottle from the tumor microenvironment: tumor-educated DCs instruct B cells to participate in immunosuppression.** Cellular & Molecular Immunology (2017); doi:10.1038/cmi.2017.63
- **Reciprocal influence of B cells and tumor macro and microenvironments in the ApcMin/+ model of colorectal cancer.** Oncoimmunology, 6:8, e1336593 (2017) doi.org/10.1080/2162402X.2017.1336593
- **IL-10-producing B cells are characterized by a specific methylation signature.** Eur. J. Immunol. 2019. 00: 1–13 DOI: 10.1002/eji.201848025
- **Mast cells crosstalk with B cells in the gut and sustain IgA response in the inflamed intestine.** Eur. J. Immunol. 2020. 00: 1–14 DOI: 10.1002/eji.202048668
- **il-10 Gene Locus DNA Methylation in Regulatory B Cells.** Methods Mol Biol. 2021; 2270:323-339. doi: 10.1007/978-1-0716-1237-8_18.
- **Purification of Murine and Human IL-10-Producing B Cells from Different Anatomical Compartments.** Methods Mol Biol. 2021; 2270:61-76. doi: 10.1007/978-1-0716-1237-8_4.
- **LPS Guides Distinct Patterns of Training and Tolerance in Mast Cells** Front. Immunol., 17 February 2022 | <https://doi.org/10.3389/fimmu.2022.835348>
- **Use of organoids in cancer: a new therapeutic and research approach.** Chapter for Handbook of Cancer Immunology, Springer https://doi.org/10.1007/978-3-030-80962-1_285-1
- **Mechanism and clinical evidence of immunotherapy in allergic rhinitis,** Front. Immunol, doi: 10.3389/falgy.2023.1217388. eCollection 2023
- **Cancer Vaccines: From the State of the Art to the Most Promising Frontiers in the Treatment of Colorectal Cancer,** Pharmaceutics, doi: 10.3390/pharmaceutics15071969.

CONFERENCES and EVENTS

Poster at “IX national congress of SIICA”, Firenze 28-31 May 2014
Oral presentation “International Retreat of PhD students in immunology”, Catanzaro 19-20 June 2015.
Poster at SIBBM “From Genomes to Functions”, Torino 1-3 July 2015
Oral presentation “X national congress of SIICA”, Abano Terme 25-28 May 2016
Oral presentation at “XI national congress of SIICA”, 28-31 May 2017
Moderator and organizer “UNIVAX DAY”, 21st February 2020
Poster at “XII national congress of SIICA”, Virtual 26-28 May 2021
Moderator and organizer “UNIVAX DAY”, 17th March 2021
Moderator and organizer “Vaccini, quando la scienza spiega”, Udine 18th May 2021
Moderator and organizer “UNIVAX DAY”, Udine 19th April 2022
Chair and Poster at “XIII SIICA national congress”, Naples 23-26 May
Moderator and organizer “UNIVAX DAY”, Udine 10th February 2023
Invited speaker “Attune user meeting 2023”, Amsterdam 21st -22nd March 2023
Chairs at XIV SIICA National Congress 2023”, Verona
Organizer of the “Virtual School of Immunology”, 2022
Organizer of the “Virtual School of Immunology”, 2023
Organizer of the “Virtual School of Immunology”, 2024
Speaker at “UNIVAX DAY 2024”, Udine 10th February 2024
Organizer of “International Retreat of PhD Students in Immunology”, 20-22 May 2024

Udine, 29th April 2024

