

# CURRICULUM VITAE ET STUDIORUM

**Dr. Silvia Tonon**

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

**Citizenship:** Italian

**Present Position:** Postdoctoral Fellow within the research group of Prof. C.E.M. Pucillo, Immunological Section of the Department of Medical Area, University of Udine, Italy.

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## EDUCATION and QUALIFICATIONS

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| 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 <sup>st</sup> March 2017   |

## WORK EXPERIENCE

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|----------------------------|---|
| 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”<br>Editor of the book “Regulatory B Cells - Methods and Protocols, Second Edition” |
| March 2017 – Today         | Post-Doctoral Fellowship at University of Udine (Italy)   |

## 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 $\beta$  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.

## CONFERENCES

- 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 al “**XI national congress of SIICA**”, 28-31 May 2017

## COURSES

- **On the top of Genetics** Udine, 22-23 June 2015
- **Cytomere and More (7<sup>th</sup> Modena Advanced Course in Cytometry)**, Modena, September 2018
- **Bioinformatics for Immunologists**, EMBL, Hinxton (Cambridge) July 2019
- **Corso sulla sperimentazione animale OPBA-MBPE**, Trieste May 2020

Udine, 6 Maggio 2021

