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Giulia PASQUAL, Ph.D.

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Personal Information

Date of Birth	Oct 23, 1983
Nationality	Italian
Researcher identifiers	ORCID ID: 0000-0002-1476-2669; Scopus author ID: 57193469622; Researcher ID: I-2682-2018

Education

2011	**Ph.D. in Life Sciences** University of Lausanne, Switzerland
2007	**M.Sc. degree in Medical Biotechnology** Università degli Studi di Padova, Italy
2005	**B.Sc. degree in Biotechnology** Università degli Studi di Padova, Italy

Current Position

2019 –	**Assistant Professor** Department of Surgery, Oncology and Gastroenterology Università degli Studi di Padova, Italy

Previous Positions

2012 – 2018	**Postdoctoral Associate**, laboratory of Prof. Gabriel Victora The Rockefeller University, New York, USA (2016 - 2018) & Whitehead Institute for Biomedical Research, Massachusetts Institute of Technology, Cambridge, USA (2012 – 2016)
2008 – 2011	**Ph.D. student**, laboratory of Prof. Stefan Kunz Institute of Microbiology, University of Lausanne, Switzerland

Publications

Total publications: 12 *h*-index: 10 Total citations: 605

- Chudnovskiy A, **Pasqual G**, Victora GD (2019) Studying interactions between dendritic cells and T cells in vivo. ***Current Opinion in Immunology***, 58:24-30.
  IF: 7.932 Citations: 0
- **Pasqual G**, Chudnovskiy A, Tas JM, Schweitzer LD, Cui A, Agudelo M, Hacohen N, Victora GD (2018) Monitoring T cell–dendritic cell interactions *in vivo* by intercellular enzymatic labeling. ***Nature***, 553:496-500.
  IF: 40.13 Citations: 15

- Ersching J, Efeyan A, Mesin L, Jacobsen JT, **Pasqual G**, Grabiner BC, Dominguez-Sola D, Sabatini DM, Victora GD (2017) Germinal center selection and affinity maturation require dynamic regulation of mTORC1. ***Immunity*** 46:1045-1058.
  IF: 24.082 Citations: 40
- Tas JM[#], Mesin L[#], **Pasqual G**, Targ S, Jacobsen JT, Mano YM, Chen CS, Weill JC, Reynaud CA, Browne EP, Meyer-Hermann M, Victora GD (2016) Visualizing affinity maturation in germinal centers. ***Science*** 351:1048-54. [#]equal contribution
  IF: 37.205 Citations: 116
- **Pasqual G**, Angelini A, Victora GD (2015) Triggering positive selection of germinal center B cells by antigen targeting to DEC-205. ***Methods in Molecular Biology*** 1291:125-34.
  IF: 1.290 Citations: 5
- Shulman Z, Gitlin AD, Targ S, Jankovic M, **Pasqual G**, Nussenzweig MC, Victora GD (2013) T follicular helper cell dynamics in germinal centers. ***Science*** 341:673-7.
  IF: 37.205 Citations: 153
- Pythoud C, Rodrigo WW, **Pasqual G**, Rothenberger S, Martinez-Sorbido L, de la Torre JC, Kunz S (2012) Arenavirus nucleoprotein targets interferon regulatory factor-activating kinase IKKε. ***Journal of Virology*** 86:7728-38.
  IF: 4.606 Citations: 71
- Burri DJ, **Pasqual G**, Rochat C, Seidah NG, Pasquato A, Kunz S (2012) Molecular characterization of the processing of arenavirus envelope glycoprotein precursors by subtilisin kexin isozyme-1/site-1 protease. ***Journal of Virology*** 86:4935-46.
  IF: 4.606 Citations: 20
- Pasquato A, Rochat C, Burri DJ, **Pasqual G**, de la Torre JC, Kunz S (2012) Evaluation of the anti-arenaviral activity of the subtilisin kexin isozyme-1/site-1 protease inhibitor PF-429242 in acute and persistent infection. ***Virology*** 423:14-22.
  IF: 3.353 Citations: 29
- **Pasqual G**, Rojek JM, Masin M, Chatton JY, Kunz S (2011) Old World arenaviruses enter the host cell via the multivesicular body and depend on the endosomal sorting complex required for transport. ***PLoS Pathogens*** 7:e1002232.
  IF: 6.608 Citations: 90
- **Pasqual G**, Burri DJ, Pasquato A, de la Torre JC, Kunz S (2011) Role of the host cell's unfolded protein response in arenavirus infection. ***Journal of Virology*** 85:1662-70.
  IF: 4.606 Citations: 28
- Rojek JM, **Pasqual G**, Sanchez AB, Nguyen NT, de la Torre JC, Kunz S (2010) Targeting the proteolytic processing of the viral glycoprotein precursor is a promising novel antiviral strategy against arenaviruses. ***Journal of Virology*** 84:573-84.
  IF: 4.606 Citations: 38

Selected Invited Lectures and Conference Talks

2018 University of Geneva, Nov 6, 2018, Geneva, Switzerland. **Invited lecture**.

Novartis Institute for Biomedical Research, July 25, 2018, Basel, Switzerland. **Invited lecture**.

San Raffaele Scientific Institute, Mar 23, 2018, Milan, Italy. **Invited lecture**.

4th Chemical Immunology Meeting, Mar 16, 2018, Amsterdam, Netherlands. **Invited talk**.

12th World Immune Regulation Meeting, Mar 14-17, 2018, Davos, Switzerland. **Oral presentation**.

2017 CSHL Meeting "Fundamental Immunology & its Therapeutic Potential", Apr 25-29, 2017, Cold Spring Harbor, USA. **Oral presentation.**

Department of Biomedical Sciences, University of Padova, Apr 21, 2017, Padova, Italy. **Invited lecture**.

2016 The Chris Browne Center for Immunology and Immune Diseases, Dec 15, 2016, New York, USA. **Invited lecture**.

LS2 Annual Meeting, Feb 14-16, 2016, Lausanne, Switzerland. **Oral presentation**.

2015 Koch Institute for Integrative Cancer Research, Massachusetts Institute of Technology, Oct 22, 2015, Cambridge, USA. **Invited lecture.**

Selected Honors and Awards

2018 L'Oréal-UNESCO for Women in Science.

Regeneron Prize for Creative Innovation, finalist.
Cash prize 5'000 USD.

2017 Career Development Award, The Rockefeller University.

Grants as Principal Investigator

2019 "Revealing cell-cell communication in the immune system by *in vivo* synthetic biology". Italian Ministry for Education, University and Research - 253'873 EUR.

Patents

Pasqual G & Victora GD. Intercellular labeling of ligand-receptor interactions. U.S. patent # US10053683 granted on August 21, 2018.

Media Coverage and Impact

My latest research (Pasqual *et al.*, Nature 2018) has been covered by several news outlets, by social media (tweeted 609 times), and is a recommended reading in *Faculty of 1000*. As today its coverage ranks on 99th percentile of all articles of similar age in all journals, and on the 83th percentile of all articles of similar age published in *Nature* (source: https://www.nature.com/articles/nature25442/metrics). My work has been featured in Nature Methods (https://www.nature.com/articles/nmeth.4645) and in Nature TechBlog http://blogs.nature.com/naturejobs/2018/05/23/techblog-tell-tale-lipstic-reveals-cell-cell-interactions/.