

# Giulia PASQUAL, Ph.D.

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## Personal Information

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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

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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

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2019 – **Tenure-Track Assistant Professor**  
(Ricercatore Tempo Determinato Tipo B, ASN 06/A2)  
Department of Surgery, Oncology and Gastroenterology  
Università degli Studi di Padova, Italy

## Previous Positions

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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

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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**

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- 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<sup>#</sup>, Mesin L<sup>#</sup>, **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. <sup>#</sup>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 IKK $\epsilon$ . *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**

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### **Selected Invited Lectures and Conference Talks**

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- 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.**

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- 12<sup>th</sup> 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.**  
LS<sup>2</sup> 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**

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- 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**

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- 2019 **European Research Council Starting Grant** – 1’500’000 EUR.  
**Programma per giovani ricercatori “Rita Levi Montalcini”**. Italian Ministry for Education, University and Research - 253’873 EUR.

### **ASN**

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**Abilitazione Scientifica Nazionale 06/A2** II Fascia (09/09/2019-09/09/2025).

### **Patents**

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

### **Media Coverage and Impact**

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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/>.