

MIRELA KUKA

Vita-Salute San Raffaele University
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CURRENT POSITION

- 2024 - Present | **Associate Professor of Pathology (MEDS-02/A)**
School of Medicine
Vita-Salute San Raffaele University, Milan (Italy)
- 2025 - 2037 | **National Scientific Qualification (ASN)**
Full Professor of Pathology (MEDS-02/A)
- 2023 - Present | **Project Leader**
Division of Immunology, Transplantation and Infectious Diseases
San Raffaele Scientific Institute, Milan (Italy)

INSTITUTIONAL RESPONSABILITIES

- 2025 – Present | **Vice President of the Bachelor’s Degree in Biotechnology Research in Medicine**
Vita-Salute San Raffaele University (Milan, Italy)
- 2024 – Present | **Coordinator of the PhD Curriculum in Basic and Applied Immunology and Oncology**
International PhD Program in Molecular Medicine
Vita-Salute San Raffaele University (Milan, Italy)

PAST WORK EXPERIENCE

- 2021 - 2024 | **Assistant Professor of Pathology (RTDB MED/04)**
- 2016 - 2021 | **Researcher and Lecturer of Pathology (RTDA MED/04)**
School of Medicine
Vita-Salute San Raffaele University, Milan (Italy)
- 2016 - 2023 | **Young Principal Investigator**
- 2013 - 2016 | **Senior Postdoctoral Fellow**
Dynamics of Immune Responses Unit (Head Prof. Matteo Iannacone)
Division of Immunology, Transplantation and Infectious Diseases
San Raffaele Scientific Institute, Milan (Italy)
- 2010 - 2013 | **Postdoctoral Fellow**
Laboratory of Immune Cell Biology (Head Dr. Jonathan D. Ashwell)
National Cancer Institute (NCI)
National Institutes of Health, Bethesda (Maryland, US)
- 2006 - 2010 | **Ph.D Student/Research Fellow**
Adjuvants Team (Head Dr. Ugo D’Oro)
Department of Immunology

- Novartis Vaccines and Diagnostics, Siena (Italy)*
Collaborative Ph.D. program between University of Siena, Novartis Vaccines and Diagnostics, and the FP6 Network of Excellence DC-THERA
- 2003 - 2006 **Undergraduate Student (Bachelor and Master Thesis)**
Department of Clinical and Biological Sciences (Supervisor Prof. Giuseppe Saglio)
University of Turin, San Luigi Hospital, Orbassano (Italy)
- 2003 **Undergraduate Student (Internship)**
Department of Genetics, Biology and Biochemistry (Supervisor Prof. Mara Brancaccio)
University of Turin, Turin (Italy)

EDUCATION

- January 2010 **Ph.D. in Cellular and Molecular Biology**
School of Evolutionary Biology
University of Siena, Siena (Italy)
- July 2006 **Master of Science in Molecular Biotechnologies (110/110 cum laude)**
University of Turin, Turin (Italy)
- July 2004 **Bachelor of Science in Biotechnologies (110/110 cum laude)**
University of Turin Turin (Italy)

FUNDING

- 2025 – 2030 **AIRC Investigator Grant – 1,200,000 € (PI)**
Italian Ministry of University and Research (MUR)
- 2023 – 2027 **Ricerca finalizzata 2021 (Young Researchers) – 225,000 € (Operative Unit PI)**
Italian Ministry of Health
- 2023 – 2025 **PRIN 2022 PNRR – 120,000 € (PI)**
Italian Ministry of University and Research (MUR)
- 2022 – 2025 **PNRR INF-ACT – Member of the UniSR Team - Spoke 1**
Vita-Salute San Raffaele University, Milan (Italy)
- 2023 – 2024 **Research contract (Assegno di ricerca) sponsored by UniSR for the recruitment of a young fellow – 24,000 € (PI)**
Vita-Salute San Raffaele University, Milan (Italy)
- 2022 – 2025 **PRIN 2020 – 172,000 € (Local Unit PI)**
Italian Ministry of University and Research (MUR)
- 2019 – 2023 **PRIN 2017 – 407,000 € (Local Unit PI)**
Italian Ministry of Education, University, and Research (MIUR)
- 2015 – 2020 **Scientific Independence of Young Researchers (SIR) – 539,000 € (PI)**
Italian Ministry of Education, University, and Research (MIUR)
- 2013 - 2016 **International Postdoctoral Fellowship within the INVEST (International VEnue for PoSTgraduate Education) Programme (COFUND) – 200,000 €**
7th Framework EU Research Funding Programme (FP7)
Vita-Salute San Raffaele University, Milan (Italy)

PUBLICATIONS

1. Venzin, V.*, C. Beccaria*, C. Perucchini, P. Delfino, E. Bono, L. Giustini, F. Moalli, V. Fumagalli, M. Grillo, C. Laura, P. Di Lucia, K. Reinhard, J. Petschenka, T. Omokoko, S. Ottolini, A. Celant, K. Kawashima, M. Rava, M. De Giovanni, D. Inverso, **M. Kuka**, P. Kennedy, M. Guilliams, G. Casorati, U. Sahin, N. Le Bert, A. Bertoletti, F. Vascotto, L. G. Guidotti, F. Pedica, M. Ponzoni, and M. Iannacone. 2025. CD4⁺ T cells license Kupffer cells to reverse the CD8⁺ T cell dysfunction induced by hepatocellular priming. *Nat Immunol*
2. Sala, E.*, M. Nelli*, C. Laura, P. Di Lucia, C. G. Beccaria, E. B. Bono, M. Mangione, D. Marotta, V. Sperto, M. Grillo, L. Giustini, F. Tosi, J. Nie, D. Kim, G. Furiato, C. Malpighi, E. Consolo, B. Becher, E. David, M. Cohen, A. Giladi, I. Amit, R. Bosselut, L. G. Guidotti, M. Iannacone[#], and **M. Kuka**[#]. 2025. T-cell-derived IFN- γ suppresses T follicular helper cell differentiation and antibody responses. *EMBO J* 44: 2400-2423.
3. Nelli, M., and **M. Kuka**[#]. 2024. The dual nature of T_{DC} - bridging dendritic and T cells in immunity. *FEBS Lett*
4. Pallavicini, I., T. M. Frascioni, C. Catozzi, E. Ceccacci, S. Tiberti, D. Haas, J. Samson, C. Heuser-Loy, C. B. Nava Lauson, M. Mangione, E. Preto, A. Bigogno, E. Sala, M. Iannacone, C. Mercurio, L. Gattinoni, I. Caruana, **M. Kuka**, L. Nezi, S. Minucci, and T. Manzo. 2024. LSD1 inhibition improves efficacy of adoptive T cell therapy by enhancing CD8⁺ T cell responsiveness. *Nat Commun* 15: 7366.
5. Fumagalli, V., M. Ravà, D. Marotta, P. Di Lucia, E. B. Bono, L. Giustini, F. De Leo, M. Casalgrandi, E. Monteleone, V. Mouro, C. Malpighi, C. Perucchini, M. Grillo, S. De Palma, L. Donnici, S. Marchese, M. Conti, H. Muramatsu, S. Perlman, N. Pardi, **M. Kuka**, R. De Francesco, M. E. Bianchi, L. G. Guidotti, and M. Iannacone. 2024. Antibody-independent protection against heterologous SARS-CoV-2 challenge conferred by prior infection or vaccination. *Nat Immunol*.
6. Fiore, A., E. Sala, C. Laura, M. Riba, M. Nelli, V. Fumagalli, F. Oberrauch, M. Mangione, C. Cristofani, P. Provero, M. Iannacone, and **M. Kuka**[#]. 2023. A fluorescent reporter model for the visualization and characterization of T_{DC}. *Eur J Immunol* e2350529.
7. Sandner, L., M. Alteneder, R. Rica, B. Woller, E. Sala, T. Frey, A. Tosevska, C. Zhu, M. Madern, M. Khan, P. Hoffmann, A. Schebesta, I. Taniuchi, M. Bonelli, K. Schmetterer, M. Iannacone, **M. Kuka**, W. Ellmeier, S. Sakaguchi, R. Herbst, and N. Boucheron. 2023. The guanine nucleotide exchange factor Rin-like controls Tfh cell differentiation via CD28 signaling. *J Exp Med* 220: e20221466.
8. Stoler-Barak, L., E. Harris, A. Peres, H. Hezroni, **M. Kuka**, P. Di Lucia, A. Grenov, N. Gurwicz, M. Kupervaser, B. H. Yip, M. Iannacone, G. Yaari, J. D. Crispino, and Z. Shulman. 2023. B cell class switch recombination is regulated by DYRK1A through MSH6 phosphorylation. *Nat Commun* 14: 1462.
9. Fumagalli, V., V. Venzin, P. Di Lucia, F. Moalli, X. Ficht, G. Ambrosi, L. Giustini, F. Andreata, M. Grillo, D. Magini, M. Ravà, C. Friedrich, J. D. Fontenot, P. Bousso, S. A. Gilmore, S. Khan, M. Baca, E. Vivier, G. Gasteiger, **M. Kuka**, L. G. Guidotti, and M. Iannacone. 2022. Group 1 ILCs regulate T cell-mediated liver immunopathology by controlling local IL-2 availability. *Sci Immunol* 7: eabi6112.
10. Fedeli, M., **M. Kuka**, A. Finardi, F. Albano, V. Viganò, M. Iannacone, R. Furlan, P. Dellabona, and G. Casorati. 2021. miR-21 sustains CD28 signalling and low-affinity T-cell responses at the expense of self-tolerance. *Clin Transl Immunology* 10: e1321.
11. Andreata, F., C. Blériot, P. Di Lucia, G. De Simone, V. Fumagalli, X. Ficht, C. G. Beccaria, **M. Kuka**, F. Ginhoux, and M. Iannacone. 2021. Isolation of mouse Kupffer cells for phenotypic and functional studies. *STAR Protoc* 2: 100831.
12. **Kuka, M.**[#], and M. Iannacone[#]. 2021. Heterogeneity in antiviral B cell responses: Lessons from the movies. *Immunol Rev*
13. Conforti, A., E. Marra, F. Palombo, G. Roscilli, M. Ravà, V. Fumagalli, A. Muzi, M. Maffei, L. Luberto, L. Lione, E. Salvatori, M. Compagnone, E. Pinto, E. Pavoni, F. Bucci, G. Vitagliano, D. Stoppoloni, M. L. Pacello, M. Cappelletti, F. F. Ferrara, E. D'Acunto, V. Chiarini, R. Arriga, A. Nyska, P. Di Lucia, D. Marotta, E. Bono, L. Giustini, E. Sala, C. Perucchini, J. Paterson, K. A. Ryan,

- A. R. Challis, G. Matusali, F. Colavita, G. Caselli, E. Criscuolo, N. Clementi, N. Mancini, R. Groß, A. Seidel, L. Wettstein, J. Münch, L. Donnici, M. Conti, R. De Francesco, **M. Kuka**, G. Ciliberto, C. Castilletti, M. R. Capobianchi, G. Ippolito, L. G. Guidotti, L. Rovati, M. Iannacone, and L. Aurisicchio. 2021. COVID-eVax, an electroporated plasmid DNA vaccine candidate encoding the SARS-CoV-2 Receptor Binding Domain, elicits protective immune responses in animal models of COVID-19. *Mol Ther*
14. Fumagalli, V.*, M. Ravà*, D. Marotta*, P. Di Lucia, C. Laura, E. Sala, M. Grillo, E. Bono, L. Giustini, C. Perucchini, M. Mainetti, A. Sessa, J. M. Garcia-Manteiga, L. Donnici, L. Manganaro, S. Delbue, V. Broccoli, R. De Francesco, P. D'Adamo, **M. Kuka**, L. G. Guidotti, and M. Iannacone. 2021. Administration of aerosolized SARS-CoV-2 to K18-hACE2 mice uncouples respiratory infection from fatal neuroinvasion. *Sci Immunol eab19929*.
 15. Sala, E., and **M. Kuka**[#]. 2020. The Suppressive Attitude of Inflammatory Monocytes in Antiviral Antibody Responses. *Viral Immunol 33*: 327-333.
 16. Fousteri, G.[#], and **M. Kuka**[#]. 2020. The elusive identity of CXCR5⁺ CD8 T cells in viral infection and autoimmunity: Cytotoxic, regulatory, or helper cells. *Mol Immunol 119*: 101-105.
 17. De Giovanni, M., V. Cutillo, A. Giladi, E. Sala, C. G. Maganuco, C. Medaglia, P. Di Lucia, E. Bono, C. Cristofani, E. Consolo, L. Giustini, A. Fiore, S. Eickhoff, W. Kastenmüller, I. Amit, **M. Kuka**^{#*}, and M. Iannacone^{#*}. 2020. Spatiotemporal regulation of type I interferon expression determines the antiviral polarization of CD4⁺ T cells. *Nat Immunol 21*: 321-330.
 18. **Kuka, M.**, M. De Giovanni, and M. Iannacone. 2019. The role of type I interferons in CD4⁺ T cell differentiation. *Immunol Lett 215*: 19-23.
 19. Bénéchet, A. P., G. De Simone, P. Di Lucia, F. Cilenti, G. Barbiera, N. Le Bert, V. Fumagalli, E. Lusito, F. Moalli, V. Bianchessi, F. Andreato, P. Zordan, E. Bono, L. Giustini, W. V. Bonilla, C. Bleriot, K. Kunasegaran, G. Gonzalez-Aseguinolaza, D. D. Pinschewer, P. T. F. Kennedy, L. Naldini, **M. Kuka**, F. Ginhoux, A. Cantore, A. Bertoletti, R. Ostuni, L. G. Guidotti, and M. Iannacone. 2019. Dynamics and genomic landscape of CD8⁺ T cells undergoing hepatic priming. *Nature 574*: 200-205.
 20. De Simone, G., E. M. C. Mazza, A. Cassotta, A. N. Davydov, **M. Kuka**, V. Zanon, F. De Paoli, E. Scamardella, M. Metsger, A. Roberto, K. Pilipow, F. S. Colombo, E. Tenedini, E. Tagliafico, L. Gattinoni, D. Mavilio, C. Peano, D. A. Price, S. P. Singh, J. M. Farber, V. Serra, F. Cucca, F. Ferrari, V. Orrù, E. Fiorillo, M. Iannacone, D. M. Chudakov, F. Sallusto, and E. Lugli. 2019. CXCR3 Identifies Human Naive CD8⁺ T Cells with Enhanced Effector Differentiation Potential. *J Immunol*
 21. **Kuka, M.**, and M. Iannacone. 2018. Viral subversion of B cell responses within secondary lymphoid organs. *Nat Rev Immunol 18*: 255-265.
 22. Jofra, T., R. Di Fonte, G. Galvani, **M. Kuka**, M. Iannacone, M. Battaglia, and G. Fousteri. 2018. Tr1 cell immunotherapy promotes transplant tolerance via de novo Tr1 cell induction in mice and is safe and effective during acute viral infection. *Eur J Immunol*
 23. Thierry, G. R., **M. Kuka**, M. De Giovanni, I. Mondor, N. Brouilly, M. Iannacone, and M. Bajénoff. 2018. The conduit system exports locally secreted IgM from lymph nodes. *J Exp Med 215*: 2972-2983.
 24. Sammiceli, S., **M. Kuka**, and M. Iannacone. 2018. Intravital Imaging of B Cell Responses in Lymph Nodes. *Methods Mol Biol 1763*: 63-74.
 25. **Kuka, M.**, and M. Iannacone. 2017. Intestinal Flossing Keeps Pathogens at Bay. *Dev Cell 43*: 383-384.
 26. Jofra, T., G. Galvani, **M. Kuka**, R. Di Fonte, B. G. Mfarrej, M. Iannacone, S. Salek-Ardakani, M. Battaglia, and G. Fousteri. 2017. Extrinsic Protein Tyrosine Phosphatase Non-Receptor 22 Signals Contribute to CD8 T Cell Exhaustion and Promote Persistence of Chronic Lymphocytic Choriomeningitis Virus Infection. *Front Immunol 8*: 811.
 27. Sammiceli, S., **M. Kuka**^{*}, P. Di Lucia, N. J. de Oya, M. De Giovanni, J. Fioravanti, C. Cristofani, C. G. Maganuco, B. Fallet, L. Ganzer, L. Sironi, M. Mainetti, R. Ostuni, K. Larimore, P. D. Greenberg, J. C. de la Torre, L. G. Guidotti, and M. Iannacone. 2016. Inflammatory monocytes hinder antiviral B cell responses. *Sci Immunol 1*:
 28. Fousteri, G., T. Jofra, R. Di Fonte, **M. Kuka**, M. Iannacone, and M. Battaglia. 2015. PTPN22 controls virally-induced autoimmune diabetes by modulating cytotoxic T lymphocyte responses in an epitope-specific manner. *Clin Immunol 156*: 98-108.
 29. **Kuka, M.**, and M. Iannacone. 2014. The role of lymph node sinus macrophages in host defense. *Ann N Y Acad Sci 1319*: 38-46.

30. **Kuka, M.***, I. Munitic*, M. L. Giardino Torchia, and J. D. Ashwell. 2013. CD70 is downregulated by interaction with CD27. *J Immunol* 191: 2282-2289.
31. Munitic, I.*, **M. Kuka***, A. Allam*, J. P. Scoville, and J. D. Ashwell. 2013. CD70 deficiency impairs effector CD8 T cell generation and viral clearance but is dispensable for the recall response to lymphocytic choriomeningitis virus. *J Immunol* 190: 1169-1179.
32. **Kuka, M.#**, and J. D. Ashwell#. 2013. A method for high purity sorting of rare cell subsets applied to TDC. *J Immunol Methods* 400-401: 111-116.
33. **Kuka, M.**, I. Munitic, and J. D. Ashwell. 2012. Identification and characterization of polyclonal alphabeta-T cells with dendritic cell properties. *Nat Commun* 3: 1223.
34. **Kuka, M.**, R. Baronio, S. Valentini, E. Monaci, A. Muzzi, S. Aprea, E. De Gregorio, and U. D'Oro. 2010. Src kinases are required for a balanced production of IL-12/IL-23 in human dendritic cells activated by Toll-like receptor agonists. *PLoS One* 5: e11491.
35. Rizzetto, L.*, **M. Kuka***, C. De Filippo, A. Cambi, M. G. Netea, L. Beltrame, G. Napolitani, M. G. Torcia, U. D'Oro, and D. Cavalieri. 2010. Differential IL-17 production and mannan recognition contribute to fungal pathogenicity and commensalism. *J Immunol* 184: 4258-4268.
36. Cavalieri, D., D. Rivero, L. Beltrame, S. I. Buschow, E. Calura, L. Rizzetto, S. Gessani, M. C. Gauzzi, W. Reith, A. Baur, R. Bonaiuti, M. Brandizi, C. De Filippo, U. D'Oro, S. Draghici, I. Dunand-Sauthier, E. Gatti, F. Granucci, M. Gundel, M. Kramer, **M. Kuka**, A. Lanyi, C. J. Melief, N. van Montfoort, R. Ostuni, P. Pierre, R. Popovici, E. Rajnavolgyi, S. Schierer, G. Schuler, V. Soumelis, A. Splendiani, I. Stefanini, M. G. Torcia, I. Zanoni, R. Zollinger, C. G. Figdor, and J. M. Austyn. 2010. DC-ATLAS: a systems biology resource to dissect receptor specific signal transduction in dendritic cells. *Immunome Res* 6: 10.
37. Casnici, C., G. Volpe, D. Lattuada, K. Crotta, **M. Kuka**, C. Panuzzo, C. Mastrotto, G. Tonon, V. M. Fazio, G. Saglio, and O. Marelli. 2009. Out of frame peptides from BCR/ABL alternative splicing are immunogenic in HLA A2.1 transgenic mice. *Cancer Lett* 276: 61-67.
38. Volpe, G., A. Cignetti, C. Panuzzo, **M. Kuka**, K. Vitaggio, M. Brancaccio, G. Perrone, M. Rinaldi, G. Prato, M. Fava, M. Geuna, M. Pautasso, C. Casnici, E. Signori, G. Tonon, G. Tarone, O. Marelli, V. M. Fazio, and G. Saglio. 2007. Alternative BCR/ABL splice variants in Philadelphia chromosome-positive leukemias result in novel tumor-specific fusion proteins that may represent potential targets for immunotherapy approaches. *Cancer Res* 67: 5300-5307.

* Equal contribution

Corresponding author

BIBLIOMETRIC INDICATORS

Total Peer-reviewed Publications: 38
 H-index: 20 (Scopus), 21 (Google Scholar)
 Original Research Articles: 26/38

First/co-first or last/co-last authorship: 18/38
 Total impact factor: 444
 Average impact factor: 11.7

AWARDS AND ACHIEVEMENTS

<i>March 2022</i>	AAI (<i>American Association of Immunologists</i>) Early Career Faculty Grant for the Immunology 2022 Meeting <i>Portland, Oregon (US)</i>
<i>July 2021</i>	AAI (<i>American Association of Immunologists</i>) Registration Grant for the European Congress of Immunology 2021 (ECI2021)
<i>March 2018</i>	AAI (<i>American Association of Immunologists</i>) Trainee Abstract Award for the Immunology 2018 Meeting <i>Austin, Texas (US)</i>

2018 – 2021 | Member of the SIICA (*Società di Immunologia, Immunologia Clinica e Allergologia*)
Junior Faculty

INVITED OR SELECTED TALKS

June 2026	Invited Speaker at the SIICA (Italian Society of Immunologists) National Meeting 2026 <i>Brescia (Italy)</i>
January 2026	Selected Speaker at the Von Boehmer Midwinter Conference 2026 <i>Seefeld (Austria)</i>
November 2025	Invited Speaker at the INF-ACT Annual Meeting 2025 <i>Rome (Italy)</i>
September 2024	Invited Speaker at the Satellite Symposium of the European Congress of Immunology (ECI) 2024 <i>Dublin (Ireland)</i>
April 2024	Selected Speaker at the Pathogen immunity and signalling (EMBO Workshop) <i>San Servolo, Venice (Italy)</i>
February 2024	Invited Speaker at Univax Day 2024 <i>Università Vita-Salute San Raffaele</i>
January 2024	Selected Speaker at the Von Boehmer Midwinter Conference 2024 <i>Seefeld (Austria)</i>
December 2023	Invited Speaker at the LICB Branch Seminar, National Institutes of Health <i>Bethesda, Maryland (US)</i>
December 2023	Invited Speaker at “Corso Residenziale Avanzato in Patologia e Clinica del Tratto Genitale Femminile Inferiore” <i>Milan (Italy)</i>
May 2023	Selected Speaker at Immunology 2023 (AAI Annual Meeting) <i>Washington DC (US)</i>
May 2022	Selected Speaker at Immunology 2022 (AAI Annual Meeting) <i>Portland, Oregon (US)</i>
April 2022	Selected Speaker at the Pathogen immunity and signalling (EMBO Workshop) <i>Saint-Malo (France)</i>
March 2021	Invited Speaker at Univax Day 2021 <i>Online webinar (Italy) Università Vita-Salute San Raffaele</i>
September 2020	Invited Speaker at Campus Orienta Digital 2.0 <i>Online webinar (Italy) Università Vita-Salute San Raffaele</i>
October 2019	Invited Speaker at SIAPEC-IAP Meeting (Congresso Triennale di Anatomia Patologica) <i>Turin (Italy)</i>

<i>June 2019</i>	Invited Speaker at Single Cell Revolution 2.0 Meeting <i>Turin (Italy)</i>
<i>April 2019</i>	Selected Speaker at Pathogen immunity and signalling (EMBO Workshop) <i>Oxford (UK)</i>
<i>May 2018</i>	Selected Speaker at Immunology 2018 (AAI Annual Meeting) <i>Austin, Texas (US)</i>
<i>May 2017</i>	Selected Speaker at Immunology 2017 (AAI Annual Meeting) <i>Washington, DC (US)</i>
<i>February 2017</i>	Invited Speaker at the Advanced Immune Bio-Imaging Workshop <i>European Institute of Oncology, Milan (Italy)</i>
<i>November 2015</i>	Invited Speaker at the 20 th University of Rijeka Scientific Colloquium <i>University of Rijeka, Rijeka (Croatia)</i>
<i>September 2011</i>	Selected Speaker at the NIH Immunology Retreat <i>Cambridge (Maryland, US)</i>
<i>October 2009</i>	Invited Speaker at the SIICA Workshop "How advanced immunology can contribute to new vaccine generations" <i>Certosa di Pontignano, Siena (Italy)</i>

MEETING ORGANIZATION

<i>February 2025</i>	UniVAX Day 2025 <i>Università Vita-Salute San Raffaele</i>
<i>February 2024</i>	UniVAX Day 2024 <i>Università Vita-Salute San Raffaele</i>
<i>May 2022</i>	Basic and Applied Immunology and Oncology (BAIO) PhD Workshop “Single cell-based Spatial OMICS approaches: from theory to recent applications in immunology and oncology” <i>San Raffaele Scientific Institute, Milan (Italy)</i>
<i>April 2022</i>	Session Chair at the Pathogen immunity and signalling (EMBO Workshop) <i>Saint-Malo (France)</i>
<i>2020 - 2021</i>	“Happy Hour with Immunology” live streaming events <i>Online webinar (Italy)</i>
<i>April-May 2020</i>	The SIICA School of Immunology 2020 - VIRAL IMMUNOLOGY & VACCINOLOGY <i>Online webinar (Italy)</i>
<i>December 2019</i>	SIICA International PhD Retreat <i>Camogli, Genova (Italy)</i>
<i>2018 - 2019</i>	2019 DITID (Division of Immunology, Transplantation, and Infectious Diseases) Retreat <i>San Raffaele Scientific Institute, Milan (Italy)</i>
<i>July 2018</i>	SIICA School of Immunology 2018 <i>Messina (Italy)</i>

2015 - 2016	6 th MMI Meeting, February 2016 <i>San Raffaele Scientific Institute, Milan (Italy)</i>
2014 - 2015	5 th MMI Meeting, February 2015 <i>Fondazione Istituto Nazionale di Genetica Molecolare (INGM), Milan (Italy)</i>
2013 - 2014	4 th MMI Meeting, February 2014 <i>Humanitas Research Hospital, Milan (Italy)</i>

EDITORIAL ACTIVITY

2022 - Present	Review Editor Frontiers in Immunology – Autoimmune and Autoinflammatory Disorders
2021 - Present	Associate Faculty Member Faculty Opinions: London, GB
2020 - Present	Invited Reviewer for Cell Death & Disease, Science Immunology, Cellular & Molecular Immunology, European Journal of Immunology, Frontiers in Immunology
2018 - Present	Review Editor Frontiers in Immunology – Viral Immunology
2015 - Present	Review Editor Frontiers in Immunology – Molecular Innate Immunity

GRANT REVIEWING

2023 - Present	Projects submitted to the Grands Programmes de recherche de l'Université PSL (2025-2029)/PSL University's Major Research Programs (2025-2029), the Swiss National Science Foundation, and the French National Research Agency (ANR).
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TEACHING ACTIVITY

<i>Academic Years</i> 2016 – 2026	Patologia generale e Immunologia (Coordinator Prof. Guido Poli) Corso di Laurea in Ricerca biotecnologica in medicina – CLRMBM
<i>Academic Years</i> 2016 – 2025	Basic Pathology and Immunology (Coordinator Prof. Guido Poli) International MD Program Corso di Laurea Magistrale in Medicina e Chirurgia - CLMMCI)
<i>Academic Years</i> 2017 – 2025	Patologia (Coordinator Prof. Ruggero Pardi and Prof. Luca Guidotti) Corso di Laurea magistrale in Medicina e Chirurgia - CLMMC
<i>Academic Years</i> 2017 – 2026	Patologia (Coordinator Prof. Luca G. Guidotti and Prof. Matteo Iannacone) Corso di Laurea Magistrale in Odontoiatria e Protesi Dentaria - CLMOPD

Academic Years | **Patologia generale di interesse infermieristico**
2017 – 2019 | (*Coordinator Prof. Patrizia Rovere Querini*)
Corso di Laurea in Infermieristica

PAST INSTITUTIONAL ACTIVITY

2021 – 2024 | Board Member of the PhD Curriculum in Basic and Applied Immunology and Oncology
International PhD Program in Molecular Medicine
Vita-Salute San Raffaele University (Milan, Italy)

2020 – 2024 | Member of the OSR Institutional Seminars Organizing Committee
San Raffaele Scientific Institute (Milan, Italy)

2020 – 2024 | Member of the DITID Divisional Seminars Organizing Committee
San Raffaele Scientific Institute, Milan (Italy)

MENTORING ACTIVITY

October 2015 - present | Mentor and Official Supervisor of 11 undergraduate students

November 2016 - present | Mentor and Official Supervisor of 7 predoctoral research fellows

November 2018 - present | Mentor and Official Director of Studies of 3 PhD students

May 2022 - present | Mentor and Official Supervisor of 2 postdoctoral fellows

RESEARCH INTERRUPTIONS

April 2016 – September 2016: Maternity Leave
December 2019 – August 2020: Maternity Leave