

CURRICULUM VITAE

Name: **Silvano Sozzani**
Birthplace and Date: Turin, Italy, December 10, 1959
Nationality: Italian
Marital Status: Married, two children
Language: Italian, English
Current Position: Professor of General Pathology, Sapienza University of Rome

Education and Training:

- Doctor in Pharmacy, University of Pavia, Pavia, Italy, 1983 (110/110)
- PhD in Pharmacology and Immunology, Istituto 'Mario Negri', Milan, Italy, 1986
- Visiting Scientist, Department of Pathology, McMaster University, Hamilton, ON, Canada, 1986
- Research Associate, Department of Biochemistry, Bowman Gray School of Medicine, Winston-Salem, NC, U.S.A., 1988-1990
- Adjunct Assistant Professor, Dept. of Biochemistry, Bowman Gray Sch. of Med., 1990-1997
- Research Assistant, Laboratory of Immunology, Istituto 'Mario Negri', 1990-1994
- Visiting Scientist, Department of Medicine, Duke University, Durham, NC, USA, 1997

Academic Experience:

- Head Signal Transduction Unit, Dept. of Immunology and Cellular Biology, Istituto 'Mario Negri', 1995-1997
- Head Inflammation and Signal Transduction Laboratory, Istituto 'Mario Negri', 1997-2005
- Associate Professor of General Pathology, University of Brescia, 2001-2011
- Head Laboratory of Leukocyte Recruitment, Humanitas Research Inst, Rozzano, 2005-2018
- Full Professor of General Pathology, University of Brescia, 2011
- Director Dept Molecular and Translational Medicine, University of Brescia, 2012-2020
- Full Professor of General Pathology, Sapienza University of Rome, 2020
- Director PhD program: Innovation in Immuno-mediated and Hematological Disorders, since 2021
- Member Scientific Board Istituto Pasteur Italia, Fondazione Cenci Bolognetti, since 2022

Scientific Responsibilities

- 2000 Secretary Italian Society of Immunology
- 2001-2008 Secretary Italian Society of Immunology, Clinical Immunology and Allergology
- 2003-2007 Associate Editor *The Journal of Immunology*
- 2007-2013 President European Cytokine Society
- 2008-2017 Associate Editor *European Cytokine Network*
- 2008- Member IUIS Nomenclature Committee-Nomenclature of Monocytes and Dendritic Cells in Blood Sub-Committee

- 2011-2014 President European Macrophage Dendritic Cell Society
- 2011-2016 Member of the Executive Board *The European Journal of Immunology*
- 2012-2017 Associate Editor Immunobiology
- 2016-2019 Associate Editor Journal of Immunology and Regenerative Medicine
- 2016-present Chief Editor, *Frontiers in Cytokines and Soluble Mediators in Immunity*
- 2019-present Associate Editor Cytokine; Cytokine X

Honors:

- 1987 Fellow of the Italian Association for Cancer Research (AIRC)
- 1988 Fellow of Champion Industries, North Carolina, USA
- 1990 Fellow of the Italian Association for Cancer Research (AIRC)
- 1992 Italian Society of Cancerology Award
- 1994 International Cytokine Society Young Investigator Award
- 1997 Fellow “Liliana Momigliano Sacerdote, Martha Galle”
- 2014 “Onorificenza al Merito della Repubblica Italiana” (Commendatore) for scientific contribution, by the President of the Republic of Italy

Member of the Editorial Board: Autoimmunity; Cytokines; International Immunopharmacology; International Journal of Immunopathology and Pharmacology; Immunobiology; Frontiers in Inflammation; Frontiers Molecular Innate Immunity; Guest Editor Journal of Leukocyte Biology (2015-16).

Society Memberships: Società Italiana Immunologia, Immunologia Clinica e Allergologia (SIICA), American Society of Immunology (AAI); International Cytokine Society (ICS); Henry Kunkel Society; Gruppo 2003.

Ad hoc reviewer for: Cell Reports; Nature Communications; Nature Reviews Immunology; The Journal of Immunology; European Journal of Immunology; Blood; Frontiers in Immunology; Immunology Letters; Molecular Medicine; Journal of Leukocyte Biology; Journal of Investigative Dermatology; PNAS, Science Advances.

Research Interests: Regulation of innate immune responses. Signal transduction of chemotactic receptors. Chemokines and their role in pathology. Biology of dendritic cells. Innate immunity in infections, autoimmune diseases and tumors.

Scientific Production

Publications: **292**

citations >**38.000**; H-index= **92** (Scopus)

citation >**55.000**; H-index=**106** (Google Scholar)

Selected Publications (10 from last five years)

1: Salvi V, Nguyen HO, Sozio F, Schioppa T, Gaudenzi C, Laffranchi M, Scapini P, Passari M, Barbazza I, Tiberio L, Tamassia N, Garlanda C, Del Prete A, Cassatella MA, Mantovani A*, **Sozzani S***, Bosisio D*. SARS-CoV-2-associated ssRNAs activate inflammation and immunity via TLR7/8. *JCI Insight*. 2021 Sep 22;6(18):e150542. doi: 10.1172/jci.insight.150542.

**Equally contributed*

2. Del Prete A, Sozio F, Schioppa T, Ponzetta A, Vermi W, Calza S, Bugatti M, Salvi V, Bernardini G, Benvenuti F, Vecchi A, Bottazzi B, Mantovani A and **S Sozzani** . The atypical receptor CCRL2 is essential for lung cancer immune surveillance. *Cancer Immunol Res*. 2019 Nov;7(11):1775-1788. doi: 10.1158/2326-6066.CIR-19-0168.

3. Bachelierie F, Ben-Baruch A, Burkhardt AM, Combadiere C, Farber JM, Graham GJ, Horuk R, Sparre-Ulrich AH, Locati M, Luster AD, Mantovani A, Matsushima K, Murphy PM, Nibbs R, Nomiyama H, Power CA, Proudfoot AE, Rosenkilde MM, Rot A, **Sozzani S**, Thelen M, Yoshie O and A Zlotnik. (*In alphabetical order*) International Union of Basic and Clinical Pharmacology. LXXXIX. Update on the extended family of chemokine receptors and introducing a new nomenclature for atypical chemokine receptors. *Pharmacol Rev*. 2014 Jan 1;66(1):1-79. doi: 10.1124/pr.113.007724.

4. Struyf S, Salogni L, Burdick MD, Vandercappellen J, Gouwy M, Noppen S, Proost P, Opdenakker G, Parmentier M, Gerard C, **Sozzani S***, Strieter RM*, Van Damme J*. Angiostatic and chemotactic activities of the CXC chemokine CXCL4L1 (platelet factor-4 variant) are mediated by CXCR3. *Blood*. 2011 Jan 13;117(2):480-8. doi:10.1182/blood-2009-11-253591.

**Equally contributed*

5. **Sozzani S**, Vermi W, Del Prete A and F Facchetti. Trafficking properties of plasmacytoid dendritic cells in health and disease. *Trends Immunol*. 2010 Jul;31(7):270-277.

6. Otero K, Vecchi A, Hirsch E, Kearley J, Vermi W, Del Prete A, Gonzalvo-Feo S, Garlanda C, Azzolino O, Salogni L, Lloyd CM, Facchetti F, Mantovani A and **S Sozzani**. Non-redundant role of CCRL2 in lung dendritic cell trafficking. *Blood*. 2010 Oct 21;116(16):2942-9. doi: 10.1182/blood-2009-12-259903.

7. Salogni L, Musso T, Bosisio D, Mirolo M, Jala VR, Haribabu B, Locati M and **Sozzani S**. Activin A induces dendritic cell migration through the polarized release of CXC chemokine ligands 12 and 14. *Blood*. 2009 Jun 4;113(23):5848-56.

8. Albanesi C, Scarponi C, Pallotta S, Daniele R, Bosisio D, Madonna S, Fortugno P, Gonzalvo-Feo S, Franssen JD, Parmentier M, De Pità O, Girolomoni G and **Sozzani S**. Chemerin expression marks early psoriatic skin lesions and correlates with plasmacytoid dendritic cell recruitment. *J Exp Med*. 2009 Jan 16;206(1):249-58.

9. **Sozzani S**, Rusnati M, Riboldi E, Mitola S and M Presta. Dendritic cell-endothelial cell cross-talk in angiogenesis. *Trends Immunol*. 2007 Sep;28(9):385-92. ISSN 1471-4906

10. Parolini S, Santoro A, Marcenaro E, Luini W, Massardi L, Facchetti F, Communi D, Parmentier M, Majorana A, Sironi M, Tabellini G, Moretta A and **S Sozzani**. The role of chemerin in the colocalization of NK and dendritic cell subsets into inflamed tissues. *Blood*. 2007 May 1;109(9):3625-32. ISSN 0006-4971

11. Vermi W, Riboldi E, Wittamer V, Gentili F, Luini W, Marrelli S, Vecchi A, Franssen JD, Communi D, Massardi L, Sironi M, Mantovani A, Parmentier M, Facchetti F and **S Sozzani** . Role of ChemR23 in directing the migration of myeloid and plasmacytoid dendritic cells to lymphoid organs and inflamed skin. *J Exp Med*. 2005 Feb 21;201(4):509-15. ISSN 0022-1007

12. Del Prete A, Vermi W, Dander E, Otero K, Barberis L, Luini W, Bernasconi S, Sironi M, Santoro A, Garlanda C, Facchetti F, Wymann MP, Vecchi A, Hirsch E, Mantovani A and **S Sozzani**. Defective dendritic cell migration and activation of adaptive immunity in PI3Kgamma-deficient mice. *EMBO J*. 2004 Sep 1;23(17):3505-15. ISSN 0261-4189
13. Hirsch E, Katanaev VL, Garlanda C, Azzolino O, Pirola L, Silengo L, **Sozzani S**, Mantovani A, Altruda F, Wymann MP. Central role for G protein-coupled phosphoinositide 3-kinase gamma in inflammation. *Science*. 2000 Feb 11;287(5455):1049-53. ISSN 0036-8075
14. D'Amico G, Frascaroli G, Bianchi G, Transidico P, Doni A, Vecchi A, **Sozzani S**, Allavena P and A Mantovani. Uncoupling of inflammatory chemokine receptors by IL-10: generation of functional decoys. *Nat Immunol*. 2000 Nov;1(5):387-91. ISSN 1529-2908
15. **Sozzani S**, Luini W, Bianchi G, Allavena P, Wells TN, Napolitano M, Bernardini G, Vecchi A, D'Ambrosio D, Mazzeo D, Sinigaglia F, Santoni A, Maggi E, Romagnani S and A Mantovani. The viral chemokine macrophage inflammatory protein-II is a selective Th2 chemoattractant. *Blood*. 1998 Dec 1;92(11):4036-9. ISSN 0006-4971
16. **Sozzani S**, Ghezzi S, Iannolo G, Luini W, Borsatti A, Polentarutti N, Sica A, Locati M, Mackay C, Wells TN, Biswas P, Vicenzi E, Poli G and A Mantovani. Interleukin 10 increases CCR5 expression and HIV infection in human monocytes. *J Exp Med*. 1998 Feb 2;187(3):439-44. ISSN 0022-1007
17. Barleon B*, **Sozzani S***, Zhou D, Weich HA, Mantovani A and D Marmé. Migration of human monocytes in response to vascular endothelial growth factor (VEGF) is mediated via the VEGF receptor flt-1. *Blood*. 1996 Apr 15;87(8):3336-43. ISSN 0006-4971
**Equally contributed*
18. Locati M, Zhou D, Luini W, Evangelista V, Mantovani A and **S Sozzani**. Rapid induction of arachidonic acid release by monocyte chemoattractant protein-1 and related chemokines. Role of Ca²⁺ influx, synergism with platelet-activating factor and significance for chemotaxis. *J Biol Chem*. 1994 Feb 18;269(7):4746-53. ISSN 0021-9258
19. **Sozzani S**, Agwu DE, Ellenburg MD, Locati M, Rieppi M, Rojas A, Mantovani A and LC McPhail. Activation of phospholipase D by interleukin-8 in human neutrophils. *Blood*. 1994 Dec 1;84(11):3895-901. ISSN 0006-4971
20. Mantovani A and **S Sozzani**. Chemokines. *Lancet*. 1994 Apr 9;343(8902):923. ISSN 0140-6736

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