

PERSONAL INFORMATION

Antonio Uccelli



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Sex Male | Date of birth 18/11/1964 | Nationality Italian

Enterprise	University	EPR
<input type="checkbox"/> Management Level	<input checked="" type="checkbox"/> Full professor	<input checked="" type="checkbox"/> Research Director and 1st level Technologist / First Researcher and 2nd level Technologist
<input type="checkbox"/> Mid-Management Level	<input type="checkbox"/> Associate Professor	<input type="checkbox"/> Level III Researcher and Technologist
<input type="checkbox"/> Employee / worker level	<input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator	<input type="checkbox"/> Researcher and Technologist of IV, V, VI and VII level / Technical collaborator

WORK EXPERIENCE

01/01/2025 -	Scientific Director – IRCCS Policlinico San Martino
15/08/2024 -	Director Research Dept.– IRCCS Policlinico San Martino
15/08/2024 -	Director Experimental Neuroscience Unit IRCCS Policlinico San Martino
15/08/2024-31/12/2024	Acting Scientific Director – IRCCS Policlinico San Martino
2019 – 14/08/2024	Scientific Director – IRCCS Policlinico San Martino
2018 - 2019	Acting Scientific Director – IRCCS Policlinico San Martino
2019 -	Coordinator of the Neuroscience Lab – IRCCS Policlinico San Martino
2018 - 2019	Director Neurologic Outpatient Clinic Unit (ambulatory neurology)” inside the Neurological Clinic Unit IRCCS Policlinico San Martino
2017 -	Full Professor – Neurology University of Genoa
2012 – 2019	Director of Centre of Excellence for Biomedical Research (CEBR), University of Genoa
2011 - 2017	Associate Professor – Neurology University of Genoa
2008 - 2015	Responsabile del Laboratorio di Neuroimmunobiologia del Centro di Biotecnologie Avanzate (CBA) di Genova
2006 – 2019	Responsabile del Centro Sclerosi Multipla della Clinica Neurologica dell’IRCCS Policlinico San Martino
1995 - 2018	Head Multiple Sclerosis Clinic, University of Genoa
1993 - 2011	First level medical director (Assistant Professor), Azienda Ospedaliera San Martino, Genoa

TEACHING EXPERIENCE

2023 –	Professor of Applied Neurosciences at the Orthoptics and Ophthalmological Care Course, University of Genoa
2005 –	Professor of Neurology at the School of Medicine, University of Genoa
1999 –	Professor of “Elements of Neuroimmunology” in the Residency Program of Neurology at the University of Genoa
2006 –	Professor of Neurology in the PhD program on Neurosciences
2014 – 2019	Coordinator of Curriculum “Clinical and experimental neurosciences” – in the PhD program on

	Neurosciences
2014 – 2019	Professor of Neurology in the Residency Program of Pediatric Neuropsychiatry
2012 – 2019	Coordinator of the Residency School of Neurosurgery, University of Genoa
2009 – 2019	Professor of Neuropharmacology and Neuropathology in Biotechnology degree course at the University of Genoa
1998 – 2013	Professor of “Elements of Neuropatology” in the Residency Program of Physical Rehabilitation at the University of Genoa

EDUCATION AND TRAINING

1989	M.D. Degree Magna Cum Laude, University of Genoa - Italian Board of Medicine: completed with honor
1993	Italian Board of Neurology: completed with honors
1989 – 1993	Resident in Neurology, Clinica Neurologica, University of Genoa

RESEARCH FELLOWSHIP

1992 - 1994	Post-doctoral fellow at the Neuroimmunology Lab directed by Prof. S.L. Hauser, Department of Neurology, University of California, San Francisco
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ROLE IN SCIENTIFIC AND ACADEMIC INSTITUTIONS

2022 -	Scientific Coordinator of the Virtual Multiple Sclerosis Institute of the Italian Neuroscience Network (RIN)
2021 -	Member of the Board of Full Professors of Neurology
	Vice President Italian Neuroscience Network (RIN) and member of the Board of Directors
	Scientific Coordinator Italian Neuroscience Network (RIN)
2012 – 2018	President of Italian Association of Neuroimmunology (AINI)
2003 – 2009	Secretary and Treasurer of the Italian Association of Neuroimmunology (AINI)
1998 – 2003	Segretario Comitato Scientifico Fondazione Italiana Sclerosi Multipla (FISM)

Mother tongue

Italiano

Other languages

English

- reading proficient user
- writing proficient user
- speaking proficient user

French

- reading medium user
- writing medium user
- speaking medium user

JOB RELATED AND PROJECT MANAGEMENT SKILLS

2023- present	Scientific coordinator of the Program for the planning of the National Center for Computational and Technological Medicine at Erzelli (Genoa) - the National Recovery and Resilience Plan (NRRP) Flagship Project of the Regione Liguria.
2022- present	Scientific Director of the Extended Partnership Project on Neurosciences and Neuropharmacology funded by NRRP (NextGen EU M4C2) entitled: “A multiscale integrated approach to the study of the nervous system in health and disease - MNESYS”

Prof. Uccelli is involved in research in the field of neurology, neuroimmunology and neurobiology with particular interest in multiple sclerosis and immune-mediated neurodegenerative diseases of the nervous system. Particularly, he studied mesenchymal stem cells (MSCs) and their use in the field of neurological diseases. He founded, together with Prof. Mark Freedman, the **International Mesenchymal Stem Cells Transplantation Study Group (IMSCTSG)** with which he established the guidelines for the use of mesenchymal stem cells for the treatment of multiple sclerosis. This consensus, based on the results of preclinical research of Prof. Uccelli, was published in the Multiple Sclerosis Journal and is the basis on which it was designed an international phase II double-blind randomized trial (MESEMS study) for the use of MSCs in multiple sclerosis, of which Prof. Uccelli has been the principal investigator.

Since 2018 he is the scientific director of the Ospedale Policlinico San Martino IRCCS in Genoa and he is in charge of the management and coordination of all the scientific activities of the institute in the field of neuroscience and oncology including all the network projects of the Italian Neuroscience Network of IRCCS

(RIN).

From 2022, within the Call for the Creation of Enlarged Partnerships extended to Universities, Research Centres, Enterprises and funding basic research projects under the National Recovery and Resilience Plan (NRRP), Mission 4 Component 2 (Investment 1.3 funded from the European Union – NextGenerationEU) prof. Uccelli is the Scientific Director of the project MNESYS: a multiscale integrated approach to the study of the nervous system in health and disease which was approved and funded with a grant of € 114.700.000,00.

Upon the Ministry of Health, he is also the scientific coordinator of UCOR (Ufficio Coordinamento Reti)- the Administrative and Scientific Structure aimed at managing the pathology networks of the Ministry of Health (ACC, Alliance against Cancer - RIN, Neuroscience and Rehabilitation Network,- Cardiology Network, - Pediatric Network IDEA – Aging network – RAMS Musculoskeletal System Network)

As Scientific Director of the IRCCS Ospedale Policlinico San Martino he supervised writing and coordination of the following NRRP and National Plan for NRRP Complementary Investments projects:

- RAISE (Robotics and AI for Socio-economic Empowerment), NRRP, Mission 4, Component 2 Investment 1.4, funded from the European Union NextGenerationEU funded with € 109.949.673,33 (IRCCS Ospedale Policlinico San Martino € 905.300,00)
- Fit for Medical Robotics – Fit4MedRob, National Plan for NRRP Complementary Investments_MUR, funded with € 126.000.000,85 (IRCCS Ospedale Policlinico San Martino € 1.103.230,00)
- Innova Platform, National Plan for NRRP Complementary Investments_MOH, Innovative Health Ecosystem Programme_ NCP- E.3_ Hub Life Science Advance Diagnostic, funded with € 40.000.000 (IRCCS Ospedale Policlinico San Martino € 2.000.000)
- Life Science Technology Transfer Office Network, National Plan for NRRP Complementary Investments_MOH, Innovative Health Ecosystem Programme_ NCP- E.3 funded with € 15.000 (IRCCS Ospedale Policlinico San Martino €101.650.00)

In 2023 he has been nominated scientific coordinator of the PNR Flagship Project of the Regione Liguria, for the creation of the National Center for Computational and Technological Medicine at Erzelli (Genoa).

Professional Awards

- 2001 Rita Levi Montalcini Award. Italian Multiple Sclerosis Researcher of the year
- 2009 Melvin Jones Fellow Award (for dedicated humanitarian services Lions Clubs International Foundation)
- 2013 Royan International Research Award - an annual prize awarded to the excellences in Reproductive Biomedicine, Reproductive Health, and Stem Cell Biology and Technology

ADDITIONAL INFORMATION

Projects:

2022: Immune-nervous system interplay in Multiple Sclerosis: understanding the role of catecholamines in the control of neuronal and immune dysfunctions Mission 6, Component 2, Investment 2.1, funded from the European Union NextGenerationEU, funded with € 1.000.000,00

2021 Compagnia di San Paolo "A multiomics and imaging clinical electronic support system (moicess) to personalise medical care of chronic diseases" (100.000,00 €)

2020 Compagnia di San Paolo "Studio del controllo neurale della risposta immunitaria antitumorale per favorire la cura dei glioma" (172.600,00 €)

2020 Italian Foundation for Multiple Sclerosis (FISM) "Exploiting a neural reflex to reduce generation of T cells in Experimental Autoimmune Encephalomyelitis and monitor immune system activation in Multiple Sclerosis" (240.000,00 €)

2019 Ministry of health "Artificial intelligence of imaging and clinical neurological data for predictive, preventive and personalized (P3) medicine (NeuroArt P3)" (405.000,00 €)

2019 European Commission: Taxonomy, Treatment, Targets and Remission (3TR) - "Identification of the Molecular Mechanisms of non-response to Treatments, Relapses and Remission in Autoimmune, Inflammatory, and Allergic Conditions (236.250,00 €)

2018 Biogen "Dissection of the role of HCAR2 in the therapeutic features and potential side effects exerted by dimethyl fumarate in multiple sclerosis" (72.500,00 €)

2017 Merck KGaA "Dissection of the distinct susceptibility of hematopoietic precursors and immune cells to cladribine" (114.529,71 €)

2017 MND Association "Exosome shuttled miRNAs as mediators of the therapeutic effect of mesenchymal stem cells in ALS" (213.500,00 €)

2016 European Commission ERA-NET Call EraCoSysMed - "Personalizing health care in Multiple Sclerosis using systems medicine tools - Sys4MS". (165.000,00 €)

2016 FISM "Targeting terapeutico dell'attività e espressione di REST allo scopo di ridurre la neurodegenerazione e i deficit sinaptici in modelli di EAE cronica" (235.000,00 €)

2016 CNR Neuroscience Institute "Driving microglia metabolism towards remyelination and restoration of brain damage in multiple sclerosis" (40.000, €)

2015 Paul Allen Foundation "Can Mesenchymal Stem Cell Secretome repair Alzheimer's disease brains?" (100.000,00 €)

2012 FISM: MEsenchymal StEm cells for Multiple Sclerosis (MESEMS), phase I/II clinical trial with mesenchymal stem cells (MSC) for the therapy of multiple sclerosis (1.340.000, 00 €)

Publication Track record

Prof. Antonio Uccelli is in the Top Italian Scientists ranking (<http://www.topitalianscientists.org>). Prof. Uccelli's h-Index is 64. He is the author of 270 scientific publications (ORCID 0000-0002-2008-6038), cited 20.028 times, by 15.737 different publications overall (source Scopus). 75% of his papers are published in journals indexed within the first and second Journal Quartile by CiteScore (source Scival-Scopus).

Main Publications

1. Genain CP, Roberts T, Davis RL, Nguyen MH, Uccelli A, Faulds D, Li Y, Hedgpeth J, Hauser SL. «Prevention of Autoimmune Demyelination in Non-Human Primates by a cAMP-Specific Phosphodiesterase Inhibitor». Proceedings of the National Academy of Sciences of the United States of America; 1995 Apr 11; 92(8):3601-5. <https://doi.org/10.1073/pnas.92.8.3601>. Citazioni:171.
2. Uccelli A, Oksenberg JR, Jeong MC, Genain CP, Rombos T, Jaeger EE, Giunti D, Lanchbury JS, Hauser SL. «Characterization of the TCRB Chain Repertoire in the New World Monkey Callithrix Jacchus». Journal of Immunology; 1997 Feb 1; 158(3):1201-7. <https://pubmed.ncbi.nlm.nih.gov/9013960/>. Citazioni: 46.

3. Solaro C, Lunardi GL, Capello E, Inglese M, Messmer Uccelli M, Uccelli A, Mancardi G. «An Open-Label Trial of Gabapentin Treatment of Paroxysmal Symptoms in Multiple Sclerosis Patients». *Neurology*; 1998 Aug; 51(2):609. <https://doi.org/10.1212/wnl.51.2.609>. Citazioni: 119.
4. Mancardi, G. L., F. Sardanelli, R. C. Parodi, E. Melani, E. Capello, M. Inglese, A. Ferrari, [...] Uccelli A., Bruzzi P. «Effect of Copolymer-1 on Serial Gadolinium-Enhanced MRI in Relapsing Remitting Multiple Sclerosis». *Neurology*; 1998 Apr; 50(4):1127-33. <https://doi.org/10.1212/wnl.50.4.1127>. Citazioni: 91.
5. Roccatagliata, L., Uccelli A, Murialdo A. «Guillain-Barré Syndrome after Reactivation of Varicella-Zoster Virus». *The New England Journal of Medicine*; 2001 Jan 4; 344(1):65-6. <https://doi.org/10.1056/nejm200101043440117>. Citazioni: 12.
6. Corcione A, Casazza S, Ferretti E, Giunti D, Zappia E, Pistorio A, Gambini C, Mancardi GL, Uccelli A*, Pistoia*. «Recapitulation of B Cell Differentiation in the Central Nervous System of Patients with Multiple Sclerosis». *Proceedings of the National Academy of Sciences of the United States of America*; 2004 Jul 27; 101(30):11064-9. <https://doi.org/10.1073/pnas.0402455101>. *Equal Contributors. Citazioni: 305.
7. Zappia E, Casazza S, Pedemonte E, Benvenuto F, Bonanni I, Gerdoni E, Giunti D, Ceravolo A, Cazzanti F, Frassoni F, Mancardi G, Uccelli A. «Mesenchymal Stem Cells Ameliorate Experimental Autoimmune Encephalomyelitis Inducing T-Cell Anergy». *Blood*; 2005 Sep 1; 106(5):1755-61. <https://doi.org/10.1182/blood-2005-04-1496>. Citazioni: 1.252.
8. Mancardi GL, Murialdo A, Rossi P, Gualandi F, Martino G, Marmont A, Ciceri F, Schenone A, Parodi RC, Capello E, Comi G, Uccelli A. «Autologous Stem Cell Transplantation as Rescue Therapy in Malignant Forms of Multiple Sclerosis». *Multiple Sclerosis*; 2005 Jun; 11(3):367-71. <https://doi.org/10.1191/1352458505ms1181cr>. Citazioni: 65.
9. Uccelli A, Aloisi F, Pistoia V «Unveiling the Enigma of the CNS as a B-Cell Fostering Environment». *Trends in Immunology*; 2005 May; 26(5):254-9. <https://doi.org/10.1016/j.it.2005.02.009>. Citazioni: 75.
10. Corcione A, Benvenuto F, Ferretti E, Giunti D, Cappiello V, Cazzanti F, Rizzo M, Gualandi F, Mancardi GL, Pistoia V, Uccelli A. «Human Mesenchymal Stem Cells Modulate B-Cell Functions». *Blood*; 2006 Jan 1; 107(1):367-72. <https://doi.org/10.1182/blood-2005-07-2657>. Citazioni: 1.517.
11. Gerdoni E, Gallo B, Casazza S, Musio S, Bonanni I, Pedemonte E, Mantegazza R, Frassoni F, Mancardi G, Pedotti R, Uccelli A. «Mesenchymal Stem Cells Effectively Modulate Pathogenic Immune Response in Experimental Autoimmune Encephalomyelitis». *Annals of Neurology*; 2007 Mar; 61(3):219-27. <https://doi.org/10.1002/ana.21076>. Citazioni: 421.
12. Benvenuto F, Ferrari S, Gerdoni E, Gualandi F, Frassoni F, Pistoia V, Mancardi G, Uccelli A. «Human Mesenchymal Stem Cells Promote Survival of T Cells in a Quiescent State». *Stem Cells*; 2007 Jul; 25(7):1753-60. <https://doi.org/10.1634/stemcells.2007-0068>. Citazioni: 217.
13. Uccelli A, Moretta L, Pistoia V. «Mesenchymal Stem Cells in Health and Disease». *Nature Reviews. Immunology*; 2008 Sep; 8(9):726-36. <https://doi.org/10.1038/nri2395>. Citazioni: 2.878.
14. Reboldi A, Coisne C, Baumjohann D, Benvenuto F, Bottinelli D, Lira S, Uccelli A, Lanzavecchia A, Engelhardt B, Sallusto F. «C-C Chemokine Receptor 6-Regulated Entry of TH-17 Cells into the CNS through the Choroid Plexus Is Required for the Initiation of EAE». *Nature Immunology*; 2009 May; 10(5):514-23. <https://doi.org/10.1038/ni.1716>. Citazioni: 956.
15. Sormani MP, Bonzano L, Roccatagliata L, Mancardi GL, Uccelli A, Bruzzi P. «Surrogate Endpoints for EDSS Worsening in Multiple Sclerosis. A Meta-Analytic Approach». *Neurology*; 2010 Jul 27; 75(4):302-9. <https://doi.org/10.1212/WNL.0b013e3181ea15aa>. Citazioni: 103.
16. Uccelli A, Laroni A, Freedman M.S. «Mesenchymal Stem Cells for the Treatment of Multiple Sclerosis and Other Neurological Diseases». *The Lancet Neurology*; 2011 Jul; 10(7):649-56. [https://doi.org/10.1016/S1474-4422\(11\)70121-1](https://doi.org/10.1016/S1474-4422(11)70121-1). Citazioni: 247.
17. Chiesa S, Morbelli S, Morando S, Massollo M, Marini C, Bertoni A, Frassoni F, Bartolomé ST, Sambuceti G, Traggiai E, Uccelli A. «Mesenchymal Stem Cells Impair in Vivo T-Cell Priming by Dendritic Cells». *Proceedings of the National Academy of Sciences of the United States of America*; 2011 Oct 18; 108(42):17384-9. <https://doi.org/10.1073/pnas.1103650108>. Citazioni: 226.
18. Giunti D, Parodi B, Usai C, Vergani L, Casazza S, Bruzzone S, Mancardi G, Uccelli A. «Mesenchymal Stem Cells Shape Microglia Effector Functions through the Release of CX3CL1». *Stem Cells*; 2012 Sep; 30(9):2044-53. <https://doi.org/10.1002/stem.1174>. Citazioni: 124.
19. Parodi B, Rossi S, Morando S, Cordano C, Bragoni A, Motta C, Usai C, Wipke BT, Scannevin RH, Mancardi GL, Centonze D, Kerlero de Rosbo N, Uccelli A. «Fumarates Modulate Microglia Activation through a Novel HCAR2 Signaling Pathway and Rescue Synaptic Dysregulation in Inflamed CNS». *Acta Neuropathologica*; 2015 Aug; 130(2):279-95. <https://doi.org/10.1007/s00401-015-1422-3>. Citazioni: 147.
20. Laroni A, Armentani E, Kerlero de Rosbo N, Ivaldi F, Marcenaro E, Sivori S, Gandhi R, Weiner HL, Moretta A, Mancardi GL, Uccelli A. «Dysregulation of Regulatory CD56 (Bright) NK Cells/T Cells Interactions in Multiple Sclerosis». *Journal of Autoimmunity*; 2016 Aug; 72:8-18. <https://doi.org/10.1016/j.jaut.2016.04.003>. Citazioni: 79.
21. Ferrara G, Errede M, Girolamo F, Morando S, Ivaldi F, Panini N, Bendotti C, Perris R, Furlan R, Virgintino D, Kerlero de Rosbo N, Uccelli A. «NG2, a Common Denominator for Neuroinflammation, Blood-Brain Barrier Alteration, and Oligodendrocyte Precursor Response in EAE, Plays a Role in Dendritic Cell Activation». *Acta Neuropathologica*; 2016 Jul; 132(1):23-42. <https://doi.org/10.1007/s00401-016-1563-z>. Citazioni: 23.
22. Vigo T, Procaccini C, Ferrara G, Baranzini S, Oksenberg JR, Matarese G, Diaspro A, Kerlero de Rosbo N, Uccelli A. «IFN-γ Orchestrates Mesenchymal Stem Cell Plasticity through the Signal Transducer and Activator of Transcription 1 and 3 and Mammalian Target of Rapamycin Pathways». *The Journal of Allergy and Clinical Immunology*; 2017 May; 139(5):1667-1676. <https://doi.org/10.1016/j.jaci.2016.09.004>. Citazioni: 44.
23. Novi G, Bovis F, Fabbri S, Tazza F, Gazzola P, Maietta I, Currò D, Bruschi N, Roccatagliata L, Boffa G, Lapucci C, Pesce G, Cellerino M, Solaro C, Laroni A, Capello E, Mancardi G, Sormani M, Inglese M, Uccelli A. «Tailoring B Cell Depletion Therapy in MS According to Memory B Cell Monitoring». *Neurology(R) Neuroimmunology & Neuroinflammation*; 2020 Aug 4; 7(5):e845. <https://doi.org/10.1212/NXI.0000000000000845>. Citazioni: 29.
24. Cellerino M, Ivaldi F, Pardini M, Rotta G, Vila G, Bäcker-Koduah P, Berge T, [...] Uccelli A. «Impact of Treatment on Cellular Immunophenotype in MS: A Cross-Sectional Study». *Neurology(R) Neuroimmunology & Neuroinflammation*; 2020 Mar 5; 7(3):e693. <https://doi.org/10.1212/NXI.0000000000000693>. Citazioni: 16.
25. Procaccini C, Garavelli S, Carbone F, Di Silvestre D, La Rocca C, Greco D, Colamatteo A, [...] Uccelli A, [...], Matarese G. «Signals of Pseudo-Starvation Unveil the Amino Acid Transporter SLC7A11 as Key Determinant in the Control of Treg Cell Proliferative Potential». *Immunity*; 2021 Jul 13; 54(7):1543-1560.e6. <https://doi.org/10.1016/j.immuni.2021.04.014>. Citazioni: 36.
26. Buffolo F, Petrosino V, Albinì M, Moschetta M, Carlini F, Floss T, Kerlero de Rosbo N, Cesca F, Rocchi A, Uccelli A*, Benfenati F.* «Neuroinflammation Induces Synaptic Scaling through IL-1β-Mediated Activation of the Transcriptional Repressor REST/NRSF». *Cell Death & Disease*; 2021 Feb 15; 12(2):180. <https://doi.org/10.1038/s41419-021-03465-6>. * Equal Contributors. Citazioni: 20.
27. Sormani MP, Inglese M, Schiavetti I, Carmisciano L, Laroni A, Lapucci C, Da Rin G, [...] Uccelli A. «Effect of SARS-CoV-2 mRNA Vaccination in MS Patients Treated with Disease Modifying Therapies». *EBioMedicine*; 2021 Oct 7; 72:103581. <https://doi.org/10.1016/j.ebiom.2021.103581>. Citazioni: 164.
28. Vigo T, Voulgari-Kokota A, Errede M, Girolamo F, Ortolan J, Mariani MC, Ferrara G, Virgintino D, Buffo A, Kerlero de Rosbo N, Uccelli A. «Mesenchymal Stem Cells Instruct a Beneficial Phenotype in Reactive Astrocytes». *Glia*; 2021 May; 69(5):1204-1215. <https://doi.org/10.1002/glia.23958>. Citazioni: 7.

29. Uccelli A, Laroni A, Ali R, Battaglia MA, Blinkenberg M, Brundin L, Clanet M, Fernandez O, Marriot J, Muraro P, Nabavi SM, [...], Freedman MS. «Safety, Tolerability, and Activity of Mesenchymal Stem Cells versus Placebo in Multiple Sclerosis (MESEMS): A Phase 2, Randomised, Double-Blind Crossover Trial». *The Lancet Neurology*; 2021 Nov; 20(11):917-92. [https://doi.org/10.1016/S1474-4422\(21\)00301-X](https://doi.org/10.1016/S1474-4422(21)00301-X). Citazioni: 38
30. Gullotta GS, De Feo D, Friebel E, Semerano A, Scotti GM, Bergamaschi A, Butti E, [...], Uccelli A, [...], Bacigaluppi M. «Age-Induced Alterations of Granulopoiesis Generate Atypical Neutrophils That Aggravate Stroke Pathology». *Nature Immunology*; 2023 Jun; 24(6):925-940 <https://doi.org/10.1038/s41590-023-01505-1>. Citazioni: 11.

The 3 most cited papers

1. **Mesenchymal stem cells in health and disease.** Uccelli A, Moretta L, Pistoia V. *Nat Rev Immunol*. 2008 Sep;8(9):726-36. doi: 10.1038/nri2395. PMID: 19172693. – 2.667 citations
2. **Human mesenchymal stem cells modulate B-cell functions** Corcione A, Benvenuto F, Ferretti E, Giunti D, Cappiello V, Cazzanti F, Risso M, Gualandi F, Mancardi GL, Pistoia V, Uccelli A.. *Blood*. 2006 Jan 1;107(1):367-72. doi: 10.1182/blood-2005-07-2657. Epub 2005 Sep 1. PMID: 16141348. – 1.470 citations
3. **Mesenchymal stem cells ameliorate experimental autoimmune encephalomyelitis inducing T-cell anergy** Zappia E, Casazza S, Pedemonte E, Benvenuto F, Bonanni I, Gerdoni E, Giunti D, Ceravolo A, Cazzanti F, Frassoni F, Mancardi G, Uccelli A.. *Blood*. 2005 Sep 1;106(5):1755-61. doi: 10.1182/blood-2005-04-1496. Epub 2005 May 19. PMID: 15905186. – 1.221 citations

Genoa, May 30, 2025

Antonio Uccelli