

EUROPEAN  
CURRICULUM VITAE



PERSONAL INFORMATION

Name **AIUTI ALESSANDRO**  
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Nationality Italian

Date of birth MAY 12<sup>TH</sup>, 1966

WORK EXPERIENCE

- Dates (from – to) 1987
- Name and address of employer *Head, Dr. R.A. Gatti  
Molecular Biology Lab, Department of Pathology, UCLA School of Medicine, CA,  
U.S.A.*
- Occupation or position held *Summer student*
  
- Dates (from – to) 1987-1990
- Name and address of employer *Laboratory of Molecular Genetics, Department of Human Biopathology , School  
of Medicine, Rome, Italy*
- Occupation or position held *Pre-doctoral student*
  
- Dates (from – to) 1991-1992
- Name and address of employer *Head Prof. R. D'Amelio  
DASRS (Air Force Research and Study Division) Immunology Laboratory,  
Pratica di Mare, Italy*
- Occupation or position held *Medical Officer*
  
- Dates (from – to) 1991-1995
- Name and address of employer *Head, Prof. A. Fantoni  
Department of Human Biopathology, Laboratory of Cellular Biology, School of  
Medicine, Rome, Italy*
- Occupation or position held *PhD Program Student*
  
- Dates (from – to) 1994-1996
- Name and address of employer *J.C. Gutierrez-Ramos  
The Center for Blood Research, The Department of Genetics,*

- Occupation or position held *Harvard Medical School, Boston, USA*  
*Post-doctoral fellow*
  - Dates (from – to) *1996-1997*
    - Name and address of employer *Head, Dr. C. Bordignon*  
*SR-TIGET, Scientific Institute H.S. Raffaele, Milan, Italy*
- Occupation or position held *Post-doctoral fellow*
  - Dates (from – to) *1997-2000*
    - Name and address of employer *Telethon Foundation, Italy*
- Occupation or position held *Research Scientist*
  - Dates (from – to) *1997-2003*
    - Name and address of employer *SR-TIGET, Scientific Institute H.S. Raffaele*
- Occupation or position held *Group leader*
  - Dates (from – to) *2000-2007*
    - Name and address of employer *Scientific Institute HS Raffaele*
- Occupation or position held *MD Research Scientist*
  - Dates (from – to) *2000-2007*
    - Name and address of employer *Pediatric Clinical Research Unit, SR-TIGET*
- Occupation or position held *Haematologist*
  - Dates (from – to) *2001-2004*
    - Name and address of employer *Course of “Gene transfer into human hematopoietic cells”, School of Medicine, “Vita-Salute” San Raffaele University, Milan, Italy*
- Occupation or position held *Temporary assignment of Professorship*
  - Dates (from – to) *2003-2007*
    - Name and address of employer *SR-TIGET, Scientific Institute H.S. Raffaele, Milan, Italy*
- Occupation or position held *Head of a Research Unit*
  - Dates (from – to) *2004-2007*
    - Name and address of employer *Scientific Institute H.S. Raffaele*
- Occupation or position held *Member of the Committee for the Appointment and Promotions*
  - Dates (from – to) *2004-2010*
    - Name and address of employer *Course of “Molecular Pediatrics”, School of Medicine, “Vita-Salute” San Raffaele University*
- Occupation or position held *Temporary assignment of Professorship*
  - Dates (from – to) *2007-present*

- Name and address of employer *SR-TIGET*
- Occupation or position held *Head of Unit. Pathogenesis and therapy of primary immunodeficiencies*
- Dates (from – to) *2007-present*
- Name and address of employer *Pediatric Immunohematology Unit, San Raffaele Hospital,*
- Occupation or position held *Haematologist*
- Dates (from – to) *2007-10/2014*
- Name and address of employer *University of Rome Tor Vergata*
- Occupation or position held *Associate Professor of Pediatrics*
- Dates (from – to) *2009-present*
- Name and address of employer *SR-TIGET*
- Occupation or position held *Coordinator of Clinical Research*
- Dates (from-to) *2010-2013*
- Name and address of employer *Department of Pediatrics, University of Rome “Tor Vergata” – Bambino Gesù Pediatric Hospital*
- Occupation or position held *Head of the Gene Therapy Unit*
- Dates (from-to) *2011-2014*
- Name and address of employer *Department of Pediatrics, University of Rome “Tor Vergata” – Bambino Gesù Pediatric Hospital*
- Occupation or position held *Head Primary Immunodeficiencies (PID) outpatients’ clinic*
- Dates (from-to) *05/2011-present*
- Name and address of employer *SR-TIGET, San Raffaele Hospital*
- Occupation or position held *Head, Clinical Research Unit*
- Dates (from-to) *11/2014-12/2015*
- Name and address of employer *“Vita-Salute” San Raffaele University, Milan*
- Occupation or position held *Associate Professor of Pediatrics*
- Dates (from-to) *11/2014-present*
- Name and address of employer *San Raffaele Hospital, Milan*
- Occupation or position held *Chief of Clinic, Pediatric Immunohematology Unit*
- Dates (from-to) *01/2016-present*
- Name and address of employer *“Vita-Salute” San Raffaele University, Milano,*
- Occupation or position held *Full Professor of Pediatrics*

- Dates (from-to) 04/2017-present
- Name and address of employer SR-TIGET, San Raffaele Scientific Institute
- Occupation or position held Deputy Director

**EDUCATION AND TRAINING**

- Dates 1990
- Name and type of organisation providing education and training School of Medicine, University of Rome “La Sapienza”, Italy
- Principal subjects/occupational skills covered Immunology
- Title of qualification awarded M.D.

- Dates 1996
- Name and type of organisation providing education and training School of Medicine, University of Rome “La Sapienza”, Italy
- Principal subjects/occupational skills covered Molecular and Cell Biology
- Title of qualification awarded Ph.D.

- Dates 1998
- Name and type of organisation providing education and training School of Medicine, University of Milan, Italy
- Principal subjects/occupational skills covered Hematology
- Title of qualification awarded Natl. Board

**PERSONAL SKILLS AND COMPETENCES**

**MOTHER TONGUE** ITALIAN

**OTHER LANGUAGES**

- Reading skills ENGLISH EXCELLENT
- Writing skills EXCELLENT
- Verbal skills EXCELLENT

## PROFESSIONAL ACTIVITIES

- Member of the ASGCT Hemopoietic Cell Gene Therapy Committee (2008- 2013)
- Member of the Board of the Italian Working Group on Immunodeficiencies (IPINET) (2010-present).
- Member of the AIEOP Governing Council (2011-2012).
- Board Member of ESGCT (2012 – 2022).
- Chair of ASGCT Hematologic and Immunologic Gene and Cell Therapy Committee (2013-05/2015).
- Member of the Scientific Evaluation Committee (SEC) for E-Rare Joint Transnational Call European Commission (2013 and 2017).
- Member of the Inborn Errors Working Party (IEWP) Studies Committee of the European Society for Bone and Marrow Transplantation (EBMT) (since 2015).
- Member of ASGCT Hematologic and Immunologic Gene and Cell Therapy Committee (06/2015-05/2016).
- Member of ASGCT International Committee (06/2016-present)
- Co-Chair of the Stem Cell and Gene Therapy WP of European Reference Network (ERN) on Rare Immunodeficiency, Autoinflammatory and Autoimmune Diseases Network (RITA) (since 2017).
- 2019-present. Editorial Board of the Italian journal "Prospettive in Pediatria", co-responsible of the section "Frontiers".
- Member of ASGCT Global Outreach Committee (since 06/2020)
- Member of the Henry Kunkel Society (as from February 2022)

## INSTITUTIONAL COMMITMENTS

- Italian Member of the Gene Therapy Working Party of European Medicines Agency (EMA) (2010-2012).
- Ad hoc drafting group member of Committee for Advanced Therapies (CAT) EMA (2012-2014).
- Member of the Evaluation Committee of Genethon Institute (Evry, France) on behalf of AFM.
- Member (representing clinicians) of the Committee for Advanced Therapies (CAT) of the European Medicines Agency (EMA) (as from July 1, 2019).
- Member of the Newborn Screening Working Group, Italian Ministry of Health
- Member of the Dietetics and Nutrition Section (DNS) of the Technical Committee for Animal Nutrition and Health, Italian Ministry of Health

## HONORS

**1989:** Award from the University of Rome and the Fondazione Sigma Tau for the best research work on basic sciences presented at the "National Research Forum of students from the Faculty of Medicine, University of Rome".

**1991:** Award from the Istituto Pasteur Fondazione Cenci Bolognetti, University of Rome "La Sapienza", for the best experimental thesis on basic sciences in discussed at the Faculty of Medicine in year 1990.

**1993:** Fellowship from the Italian Ministry of Health for scientists working on AIDS research in a foreign country.

**1996:** Travel Award from the American Society of Hematology for presenting an oral communication at the ASH annual meeting in San Diego.

**2002:** Top abstract presented at the Plenary Session of the American Society of Gene Therapy

**2003:** Young Investigator Award, American Society of Gene Therapy

**2004:** “JOUAN BIOTHERAPY AWARD” for the best clinical research project

**2009:** HSR Scientific Retreat: Best paper award in translational medicine

**2010:** XVIIIth ESGCT Meeting: Award for an outstanding career and pioneering contributions to the field

**2010:** Award from AACCS of Rome – Special Mention “Heart of Rome”

**2014:** National Award “Cultura della Solidarietà” for an outstanding activity in science, which has granted so many benefits to human being. This award has obtained the acknowledgment of the President of Italy.

**2015:** Award from the Centro Studi Marche (CE.S.MA) “Picus del Ver Sacrum” Marchigiani of the year 2014, XXX edition.

**2020:** The Else Kroener Fresenius Prize for Medical Research 2020 for groundbreaking successes in the development of gene therapies.

## FUNDING

### Current Funds

- “Hematopoietic stem/progenitor cell gene therapy for inborn errors of metabolism and immunity by innovative gene addition and gene editing approaches”, funded by the Else-Kroener-Fresenius-Stiftung Prize for Medical Research. 2020-2025.
- PI of SR-Tiget Core Grant, project “Human Hematopoietic Stem/Progenitor cell trafficking and clonal tracking. 2022-2026.
- Unit PI of Bando di Ricerca Finalizzata 2019 (Ministry of Health), project “Expanding the spectrum of adenosine deaminase 2 (ADA2) deficiency: towards a gene therapy approach”
- Unit PI of Italian Ministry of Health funded grant “Rete Idea”, 2021-2022

### Previous Funds

- “Preclinical development of a hematopoietic stem cell gene therapy for Adenosine Deaminase 2 deficiency”, funded by the Jeffrey Modell Foundation. 2019-2021.
- PI of SR-Tiget Core Grant, project B2: “HSPC biology: in vivo clonal tracking and lineage modeling”. 2016-2021.
- Co-PI of SR-Tiget Core Grant, project E6: “Use of mesenchymal stromal cells to optimize transplantation outcome of gene edited hematopoietic stem cells”. 2016-2021.
- Program Leader of Telethon Core Grant Program A: Clinical Trial Pipeline.
- Coordinator and Unit PI of Italian Ministry of Health funded grant NET2011: “New strategies for gene therapy of primary immunodeficiencies using regulated lentiviral vectors and gene targeting approaches”. 2015-2018.
- PI of WP2 of European Community funded grant E-RARE EUROCID: “Identification of immunological biomarkers for the diagnosis and prognosis of patients with combined immunodeficiencies”. 2015-2018.
- PI of SR-Tiget Core Grant, projects TGT11A01 (“Loss of central and peripheral tolerance mechanisms leading to autoimmune manifestations in ADA-deficient SCID”9 and TGT11C01 (“Tracking and modeling of HSC clonal dynamics by vector marking”). 2013-2016
- PI of Telethon Foundation grant, SR-TIGET Core Grant. “Loss of central and

*peripheral tolerance mechanisms leading to autoimmune in ADA-deficient SCID” (A1). 2011-2015.*

- *PI of Telethon Foundation grant, SR-TIGET Core Grant. Principal Investigator of project “Tracking and modeling of HSC clonal dynamics by vector marking” (C1). 2011-2015.*
- *PI Telethon Foundation grant “Gene Therapy of Wiskott-Aldrich Syndrome”. 2011-2015.*
- *Coordinator of grant from Italian Ministry of Health RF-2009-1485896 “Combined gene and cell therapy approaches for the treatment of primary immunodeficiencies”. 2011-2014*
- *Coordinator of European Community grant FP. Advanced cell-based therapies for the treatment of primary immunodeficiencies (CELL-PID). 2010-2015*
- *Coordinator of European Community E-RARE “Genetics and pathogenesis of chronic granulomatous disease and development of new gene transfer therapeutic approaches” (EURO-CGD). 2010-2013*
- *PI of Fondazione Roma grant “Stem Cells based approaches to monogenic diseases”. SR-TIGET 2009-2012*
- *PI of Telethon Foundation grant “Clinical trial of gene therapy for ADA-SCID”, SR-TIGET 2006-2010*
- *PI of grant from Italian Drug Agency (AIFA). Study of safety and efficacy of gene therapy with autologous CD34+ cells transfected with a retroviral vector encoding ADA gene) (EMA/OD/053/05) for treatment of ADA-SCID. 2006-2008*
- *PI of Italian Research Association for Cancer (AIRC). Activated upar fragments in cancer. Evaluation of their diagnostic, prognostic and therapeutic protein 2005-2007.*
- *PI of Telethon Foundation grant: Gene Therapy for ADA-Deficient SCID. 2003-2005*

## MENTORSHIP

*Prof. Aiuti has directly supervised 12 PhD student at University Rome “Tor Vergata” and Vita Salute San Raffaele University, and 15 students discussing Thesis (Medical School, Biotechnology or Biology, Nurse School, Resident fellows in Pediatrics). Among the young scientists he has mentored of particular mention are Dr. Francesca Ficara (post-doc at Stanford University and Junior PI at CRN/Humanitas), Dr. Alessandra Mortellaro (PI at the Singapore Immunology Network, and presently Project Leader at SR-Tiget), Dr. Barbara Cassani (researcher, Humanitas Hospital), Dr. Luca Biasco (Assistant Professor, Harvard Medical School).*

## MEMBERSHIPS

- *Italian Society of Pediatrics (SIP)*
- *Italian Society of Pediatric Research (SIRP)*
- *Italian Society of Pediatric Oncology and Hematology (AIEOP)*
- *Italian Strategic Committee on Primary Immunodeficiencies (AIEOP-IPINET)*
- *European Society of Immunodeficiencies (ESID)*
- *European Working Party on Inborn Errors (EBMT)*
- *American Society of Hematology (ASH)*
- *American Society of Gene and Cell Therapy (ASGCT)*
- *European Society of Gene and Cell Therapy (ESGCT)*
- *Henry Kunkel Society*

**REVIEWER AND EVALUATOR  
ACTIVITY**

- Peer reviewer for the following international Journals: *Nature*, *Blood*, *Human Gene Therapy*, *Haematologica*, *Molecular Therapy*, *European Journal of Immunology*, *Frontiers in Primary immunodeficiencies*, *The Journal of Allergy and Clinical Immunology*.  
Reviewer for meeting abstracts (ESGCT and ASGCT).  
Ad hoc scientific evaluator for the following funding agencies: Israeli Science Foundation, Foundation of Polish Science, French National Research Agency.

**CLINICAL RESEARCH ACTIVITY**

- Training in clinical trials
  - HSR Course on Biosafety (Milan, 2002)
  - HSR Clinical Experimentation Course (Milan, December 14 and 15, 2004)
  - “Corso AIFA in collaborazione con ISS e CNT per l’utilizzo dei medicinali per terapia cellulare” (Rome, November 13 and 14, 2007)
  - “Terapie Innovative – Dalla ricerca preclinica ai trial clinici - Terapie avanzate e targeted therapies” (Milan, December 12 and 13, 2007)
  - Gianni Benzi Foundation “Il Foresight training course” (Pavia, September 2 to 4, 2009)
  - AIFA Annual Meeting on Independent Research (Rome, October 27, 2009)
  - AIFA Annual Meeting on Independent Research (Rome, October 27, 2009)
  - OSR Course on “Clinical Trial Management from the P.I. point of view” (Milan, April 27, 2017)

PI of clinical trials

- ADA gene transfer into hematopoietic stem/progenitor cells for the treatment of ADA SCID (AD1115611)
- A phase I/II clinical trial of hematopoietic stem cell gene therapy for the Wiskott Aldrich Syndrome (201228)
- A phase I/II clinical trial of hematopoietic stem cell gene therapy for the treatment of Metachromatic Leukodystrophy (201222)
- A single arm, open label, clinical study of cryo preserved autologous CD34+ cells transduced with lentiviral vector containing human ARSA cDNA for the treatment of early onset Metachromatic Leukodystrophy (205756)
- A phase I/II study evaluating safety and efficacy of autologous hematopoietic stem cells genetically modified with GLOBE lentiviral vector encoding for the human beta globin gene for the treatment of patients affected by transfusion dependent beta thalassemia (TIGET BTHAL)
- A phase I/II study evaluating safety and efficacy of autologous hematopoietic stem and progenitor cells genetically modified with IDUA lentiviral vector encoding for the humana-L-iduronidase gene for the treatment of patients affected by Mucopolysaccharidosis Type I, Hurler variant (TIGET t10-MPS1)
- Methodology study to investigate the utility of retroviral insertion site analysis in samples from subjects treated with Strimvelis gene therapy (205813)
- A prospective outcome study on patients with Profound Combined Immunodeficiency (P-CID)
- Retrospective-prospective observational study on patient enrolled in AIEOP/IPINET clinical centers
- In-depth diagnostic and pathogenic analysis on immunodeficiencies and immune disorders, on both known and unknown genetic basis (TIGET 02)
- Diagnostic and pathogenic studies on immunodeficiencies and immune disorders, on both known and unknown genetic basis (TIGET 06)

- *Biological sample collection for study of blood cells and their microenvironment, and for the development of new therapeutic approaches for genetic diseases and tumors (TIGET 09b)*
- *Neonatal screening on dried peripheral blood spot for combined severe primary immunodeficiencies (TIGET 11b).*

## RESEARCH INTERESTS

*He has explored several issues in the field of Immunology and Hematology:*

### **1989-1992**

- *Production of recombinant human Factor XII proteins in eukaryotic expression system.*
- *Immunological and biochemical characterization of recombinant FXII proteins.*
- *Characterization of monoclonal antibodies against human Factor XII and validation of a competitive immunoenzymatic assay for FXII.*

### **1991-1994**

- *Study of T-cell and B-cell immune responses to HIV in human subjects.*
- *Role of superantigens in the pathogenesis of HIV.*

### **1992-1995**

- *Immunological characterization of transgenic mice for human receptors (CD4, HLA-Cw4, CD26).*
- *Transgenic mice for human CD4 as an animal model for HIV infection.*

### **1994-1996**

- *Transplantation of human CD34<sup>+</sup> cells into the fetal liver or adult bone marrow of immunodeficient mice (RAG-2).*
- *Role of stromal factors in the control of the survival, proliferation and differentiation of human hematopoietic progenitor cells.*
- *Analysis of the expression of adhesion molecules on the surface of human CD34<sup>+</sup> progenitor cells from peripheral blood, cord blood and bone marrow.*
- *Identification of a stromal derived chemoattractant for lymphocytes and human progenitor cells.*

### **1996-2000**

*Role of chemokines and their receptor in the trafficking of human hematopoietic progenitors.*

### **2000-2009**

*Immunological characterization of patients and the study of pathogenesis in various forms of primary immunodeficiencies: ADA-SCID, CVID, Ataxia-telangiectasia, Wiskott-Aldrich syndrome (WAS), SAP deficiency (XLP), perforin deficiency, hyper-IgE syndrome, IPEX. Study of hematopoiesis in patients with HIV infection.*

- *Transfer Gene in lymphocytes and hematopoietic stem cells.*
- *Gene therapy of primary immunodeficiencies: adenosine deaminase-deficient SCID, Wiskott-Aldrich syndrome, a defect of SAP.*

### **Current research activities**

- *Gene transfer into human hematopoietic stem/progenitor cells using retroviral and lentiviral vectors.*
- *Safety and efficacy of hematopoietic stem cell gene therapy for inherited disorders (ADA, WAS, MLD, MPSI, CGD).*
- *Study of dynamics and fate of human hematopoietic stem cells after gene*

therapy.

*-Genetic and immunological characterization of primary immunodeficiencies due to unknown genetic defect.*

Dr. Aiuti is co-inventor in a UK patent application (priority application, subject to secrecy period) related to a method for identifying the frequency of hematopoietic cell subtypes in blood (Basso Ricci L. et al. Cytometry 2017).

#### **INVITED LECTURES OF THE LAST 5 YEARS**

- Pediatric Medicine into the Future, an Italian Israeli Symposium. 14-15 February 2017. Sheba Medical Center, Tel Aviv, Israel.
- XIX Telethon Convention. 13-15 March 2017. Riva del Garda, Italy.
- 37th Annual Meeting of the French Society of Hematology (Société Française d'Hématologie, SFH). 15-17 March 2017. Paris, France.
- 43<sup>o</sup> Annual Meeting of the European Society for Blood and Marrow Transplantation. 26-29 March 2017. Marseille, France.
- European Hematology Association (EHA) Paediatric Course. 5-8 April 2017. Sorrento, Italy.
- International Pediatric Clinical Trial Day "Helping children creating lives they deserve". 9 May 2017. Milan, Italy.
- XLII National Congress of AIEOP. 21-23 May 2017. San Giovanni Rotondo, Italy.
- IPINET Meeting. 25-26 May 2017. Turin, Italy.
- 2nd Annual Meeting of the Hellenic Society of Gene Therapy and regenerative medicine. 26-27 May 2017. Athens, Greece.
- The future of medicine starts now. How science and new technology are reshaping health science. 29-30 June 2017. Genoa, Italy.
- E-Rare Scientific Evaluation Committee Meeting. 6-7 September 2017. Cluj-Napoca, Romania.
- Shaping the future of Pediatrics. How technology empowers clinicians, researchers and patients. 20-22 September 2017. Rome, Italy.
- "Allo-BMT and Natural History in MLD – Retrospective analysis". 29<sup>th</sup> September 2017. Amsterdam, the Netherlands.
- MeusIX meeting. 3<sup>rd</sup> October 2017. Naples, Italy.
- European Society of Gene and Cell Therapy (ESGCT) 25<sup>th</sup> Anniversary Congress. 17-20 October 2017. Berlin, Germany.
- 38<sup>th</sup> Congress of the Italian Society of Pharmacology. 25-28 October 2017. Rimini, Italy.
- Joint IEWP/ADWP Annual Conference. 3-5 November 2017. Newcastle, UK.
- International Primary Immunodeficiencies Congress (IPIC). 8-10 November 2017. Dubai, U.A.E.
- Giornate AIEOP 2017. 13-14 November 2017. Rimini, Italy.
- "Al Sissizio d'inverno si parla di dolore", 5<sup>th</sup> Edition. 15-16 December 2017. Trani, Italy.
- Workshop at Ospedale Pediatrico Bambino Gesù in occasion of the Rare Disease Day 2018. 27 February 2018. Rome, Italy.
- 44<sup>th</sup> Annual Meeting of the European Society for Blood and Marrow Transplantation (EBMT). 18-21 March 2018. Lisbon, Portugal.
- Spring School 2018 of the European Society of Gene and Cell Therapy.

- (ESGCT). 21-23 March 2018. Oxford, UK.
- SCIDNET/RECOMB Kick-off meeting. 9-10 April, 2018. London, UK.
  - Clinical Immunology Society (CIS) Annual Meeting. 26-29 April, 2018. Toronto, Canada.
  - Symposium “North American Guidelines for the management of adenosine deaminase deficiency”. 29 April 2018. Toronto, Canada.
  - Primary Immune Deficiency Treatment Consortium (PIDTC) Annual Scientific Workshop and Educational Day. 8-11 May 2018. Philadelphia, USA.
  - American Society of Gene and Cell Therapy (ASGCT) 21<sup>st</sup> Annual Meeting. 16-19 May 2018. Chicago, USA.
  - AFI 58<sup>th</sup> Symposium. 6-8 June 2018. Rimini, Italy.
  - 11th PDWP, IDWP, IEWP and Pediatric Nurse Group Meeting. 7-9 June 2018. Verona, Italy.
  - 74<sup>th</sup> Annual Meeting of the Italian Society of Pediatrics. 12-16 June, 2018. Rome, Italy.
  - Invited lecture at Morgan Stanley Children’s Hospital of NewYork - Presbyterian–Columbia University Medical Center- 27 September 2018
  - European Society of Gene and Cell Therapy (ESGCT) Annual Meeting. 15-19 October 2018. Lousanne, Switzerland.
  - ERN Conference. 21-22 November 2018. Bruxelles. Belgium.
  - TED-conference dedicated to the Russian Science Day. 7-8 February 2019. Moscow, Russia.
  - Mumbai International PID Conference. 9-11 March 2019. Bombay, India.
  - 45<sup>o</sup> Annual Meeting of the European Society for Bone and Marrow Transplantation (EBMT). 24-27 March 2019. Frankfurt, Germany.
  - 10th Biannual Meeting of the International Society of Systemic Auto Inflammatory Diseases (ISSAID). 31 March-3 April 2019. Genova, Italy.
  - Spring School 2019 of the European Society of Gene and Cell Therapy. (ESGCT). 3-5 April 2019. Naples, Italy.
  - AIEOP-IPINET Meeting, 9-10 May 2019. Bologna, Italy.
  - XXI Meeting of the Italian Society of Pediatric Allergology and Immunology (SIAIP). 16-18 May 2019. Milan, Italy.
  - 75<sup>th</sup> Congress of the Italian Society of Pediatrics (SIP). 29 May-1 June 2019. Bologna, Italy.
  - 11<sup>TH</sup> National Congress of the Italian Conference on AIDS and Antiviral Research. 5-7 June 2019. Milan, Italy.
  - Immune Deficiency Foundation (IDF) Conference. June 20-22, 2019. National Harbor, MD, USA.
  - 7<sup>th</sup> Annual German Stem Cell Network (GSCN) Conference. September 23-25, 2019. Berlin, Germany.
  - 27<sup>th</sup> Annual Congress of the European Society of Gene and Cell Therapy (ESGCT). October 22-25, 2019. Barcelona, Spain.
  - XX Telethon Scientific Convention. October 28-30, 2019. Riva del Garda, Italy.
  - 1st International Rumi Pediatric Congress (IRUPEC), December 4-7, 2019. Konya, Turkey.
  - 23<sup>rd</sup> virtual Congress of the American Society of Gene and Cell Therapy (ASGCT), May 12-15, 2020.
  - XXII virtual meeting of the Italian Society of Pediatric Allergology and Immunology (SIAIP). 23-24 June, 2020.

- 51<sup>st</sup> virtual Meeting of the Società Italiana di Neurologia (SIN). November 28-30, 2020.
- RE(ACT) Congress and IRDIRC Conference, virtual, January 13-16, 2021.
- 47<sup>th</sup> Annual Meeting of the European Society for Bone and Marrow Transplantation (EBMT), virtual, March 14-17, 2021.
- XXIII virtual meeting of the Italian Society of Pediatric Allergology and Immunology (SIAIP). April 22-24, 2021.
- 24<sup>th</sup> virtual Congress of the American Society of Gene and Cell Therapy (ASGCT), May 12-15, 2021.
- 76<sup>th</sup> Congress of the Italian Society of Pediatrics (SIP). May 25-28, 2021. Rome, Italy.
- XII SIICA National Congress, virtual. May 26-28, 2021.
- Inborn Errors Working Party 2021 Annual Conference. September 24-26, 2021. Milan, Italy.
- 2021 Virtual Congress of the European Society of Gene and Cell Therapy (ESGCT). October 19-22, 2021.
- Precision Medicine and Functional Genomics 2021. December 4-6, 2021. Sidra Medical and Research Center, Doha, Qatar and virtual.
- AIEOP-IPINET 2021 National Congress on Primary Immunodeficiencies. December 9-10, 2021. Naples, Italy.
- From cell to systems: the teaching of Rare Diseases 2022 The celebration of 800 years of science, future, and freedom. February 25, 2022. Padua, Italy
- IPIC 5TH EDITION. April 27-29, 2022. Vilamoura, Portugal.
- ASGCT 24<sup>th</sup> Annual Meeting. May 11-14, 2022. Washington DC, USA.
- 77<sup>th</sup> Congress of the Italian Society of Pediatrics (SIP). 18-21 May 2022. Sorrento, Italy.
- 60<sup>th</sup> Annual Meeting of the European Society for Paediatric Endocrinology (ESPE). 15-19 September 2022. Rome, Italy.
- Inborn Errors Working Party (IEWP) Annual Conference-EBMT. 23-25 September 2022. Paris, France.
- ESGCT/BSGT 2022 Congress. 11-14 October 2022. Edinburgh, UK.
- 20<sup>th</sup> biennial ESID Meeting. 12-15 October 2022. Gothenburg, Sweden.
- 17<sup>th</sup> International Symposium on Inborn Errors of Immunity. 28-29 October 2022. Newport Beach, California.
- XXI Telethon Scientific Convention. March 13-15, 2023. Riva del Garda, Italy.
- ESGCT Spring School. 28-31 March 2023. Giens, France
- 49<sup>th</sup> Annual Meeting of the EBMT. 23-26 April 2023. Paris, France.
- DG-GT Theme Day "The next frontiers in ATMP development" 27-28 April 2023. Langen, Germany.
- SIRP annual meeting. 5-6 June 2023. Naples, Italy.
- ISSCR Annual Meeting. 14-17 June 2023. Boston, USA.

## LIST OF PUBLICATIONS

Alessandro Aiuti has published more than 250 papers in international scientific peer review journals and national journals, and contributed 8 chapters to books. Quantitative parameters of his scientific production in international journals can be detailed as follows:

*h* index (Scopus): 67

Total citations (Scopus): 20.340

Average citations: 80,39

Total impact factor (IF) of publications: 3.074,972

Average impact factor (IF): 12,154

**Publications on international journals:**

1. Fattorossi A, Le Moli S, Pontesilli O, Aiuti A Jr, Nisini R, Galli E, Carbonari M, D'Amelio R. (1988). Complement activation is variably affected by fibronectin preparations obtained through different procedures. *Boll Ist Sieroter Milan* 67, 128-134. IF NA
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### ***Publications as part of Network:***

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