



Paolo Palma

Date of birth: 09/01/1976

Nationality: Italian

CONTACT

University of Rome "Tor Vergata" Department of Systems Medicine, Chair of Pediatrics, Children's Hospital "Bambino Gesù" - Clinical Immunology and Vaccinology Unit
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<https://www.ospedalebambinogesuit/immunologia-clinica-e-vaccinologia-96029/>

<https://www.linkedin.com/in/paolo-palma-6336172a/>

EDUCATION AND TRAINING

06/02/2023 – CURRENT Italy

National Scientific qualification as full professor for the disciplinary field of 06/G1 - Paediatrics and Child Neuropsychiatry Ministero dell'Università e della Ricerca

Address Italy | **Website** <https://asn21.cineca.it/pubblico/miur/esito-abilitato/06%2FG1/1/4>

03/2017 – 03/2023 Italy

Associate Professor in General, Specialist Pediatrics and Child Neuropsychiatry - 6G1 University of Rome "Tor Vergata"

Address Italy | **Website** <https://asn16.cineca.it/pubblico/miur/esito-abilitato/06%2FG1/2/1>

01/2017 – 04/2017

Advanced Course in HIV Antiretroviral Therapy School of Pediatrics - University of Rome "Tor Vergata" / "Bambino Gesù" Children's Hospital

Website <http://scuoladipediatria.it/it/offerta-didattica/master-e-corsi-di-perfezionamento/terapia-antiretrovirale/>

2007 – 12/05/2011

PhD in Immunology and Applied Biotechnologies University of Rome "Tor Vergata"

Immunologia Pediatrica con particolare attenzione alle Immunodeficienze primitive e all'infezione pediatrica da HIV

Final grade Cum Laude | **Thesis** "Pediatric HIV infection: forging a path towards therapeutic vaccination." Tesi discussa in lingua inglese davanti a commissione internazionale

Link <http://scuoladipediatria.it/it/offerta-didattica/dottorato-di-ricerca/#video-modal>

2001 – 2006

Residency in Pediatrics University of Rome "Tor Vergata"

Tutte le branche della pediatria in particolare Malattie Infettive, Immunologia, Neonatologia

Website <http://scuoladipediatria.it/it/offerta-didattica/scuola-di-specializzazione-in-pediatria/pediatria/> | **Final grade** 50/50 e Lode | **Thesis** "Semplificazione della terapia antiretrovirale HAART in bambini con infezione congenita da HIV-1"

1994 – 2000

MD University of Rome "Tor Vergata"

Website <http://scuoladipediatria.it/it/offerta-didattica/cattedra-di-pediatria/> | **Final grade** 110/110 e Lode | **Thesis** "Valutazione degli effetti collaterali della terapia antiretrovirale studio multicentrico italiano su bambini con infezione HIV"

1989 – 1994

● **High School Diploma** Liceo Classico Statale "Gaetano De Sanctis"

WORK EXPERIENCE

28/05/2020 – **CURRENT** Rome, Italy

● **Head of Clinical Immunology and Vaccinology Unit at "Bambino Gesù" Children's Hospital** "Bambino Gesù" Children's Hospital - Academic Department of Pediatrics

Head of Clinical Immunology and Vaccinology Unit which includes the Immunology and Infectious Diseases Unit and the primary Immunodeficiencies Unit

Address P.zza S. Onofrio 4, 00165, Roma, Italy | **Website** <https://www.ospedalebambinogesu.it/>

2019 – **CURRENT** Rome, Italy

● **Head of Research Unit of Clinical Immunology and Vaccinology** "Bambino Gesù" Children's Hospital - Academic Department of Pediatrics

06/2019 – **CURRENT** Rome, Italy

● **Head of High Specialization in Clinical Immunology** "Bambino Gesù" Children's Hospital - Academic Department of Pediatrics

Immunological Specialist Consultancy

31/01/2011 – 27/05/2020 Rome, Italy

● **Consultant in Immunology and Pediatric Infectious Diseases** "Bambino Gesù" Children's Hospital - Academic Department of Pediatrics

Clinical activity of diagnosis and follow-up of pediatric patients affected by HIV / AIDS infection, primary and secondary immunodeficiencies, through innovative treatments. Day and night guard activity at the Academic Department of Pediatrics of the "Bambino Gesù" Children's Hospital.

01/2015 – 2018 Rome, Italy

● **Head of the Research Unit in Perinatal and Congenital Infections in Paediatrics** "Bambino Gesù" Children's Hospital - Academic Department of Pediatrics

Research activity and Tutoring activities for PhD and post-doc students.

06/01/2019 – 15/04/2019 London, United Kingdom

● **Visiting Scientist** University of Oxford – Oxford Vaccine Group

SUNRISE Research Project writing for HORIZON 2020- BHC14 application.

2019 – **CURRENT** Rome, Italy

● **Professor of the II level International Master's Degree in Child Neurology** School of Pediatrics - University of Rome "Tor Vergata" / "Bambino Gesù" Children's Hospital

<http://scuoladipediatria.it/it/offerta-didattica/master-e-corsi-di-perfezionamento/neurologia-pediatria/>

2011 – **CURRENT** Rome, Italy

● **Professor of the PhD in Immunology, Molecular Medicine and Applied Biotechnologies** University of Rome "Tor Vergata"

<http://scuoladipediatria.it/it/offerta-didattica/dottorato-di-ricerca/>

2010 – **CURRENT** Rome, Italy

● **Professor of the Residency School of Pediatrics of the University of Rome "Tor Vergata" at the "Bambino Gesù" Children's Hospital - Academic Department of Pediatrics** School of Pediatrics - University of Rome "Tor Vergata" / "Bambino Gesù" Children's Hospital

<http://scuoladipediatria.it/it/offerta-didattica/scuola-di-specializzazione-in-pediatria/pediatria/>

2009 – CURRENT Rome, Italy

Tutor for Medicine Students, Residents in Pediatrics and Biologists of the PhD in Immunology, Molecular Medicine and Applied Biotechnologies School of Pediatrics - University of Rome "Tor Vergata" / "Bambino Gesù" Children's Hospital

<http://scuoladipediatria.it/it/la-scuola/>

2009 – CURRENT Rome, Italy

Professor of the II level Master's Degree in Pediatric Advanced Allergology and Immunology School of Pediatrics - University of Rome "Tor Vergata" / "Bambino Gesù" Children's Hospital

<http://scuoladipediatria.it/it/offerta-didattica/master-e-corsi-di-perfezionamento/allergologia-e-immunologia-pediatria-avanzata/>

2007 – 01/2011 Rome, Italy

Clinical fellow at the Immunoinfettivology Unit "Bambino Gesù" Children's Hospital - Academic Department of Pediatrics

Follow-up of national and international study protocols on pediatric HIV infection.
Treatment of patients belonging to the Immunoinfettivology Unit

2007 – 01/2011 Stockholm, Sweden

PhD in Immunology and Applied Biotechnologies. Winner of the European scholarship EUROPRISE with the Research Project named "Young individuals 'response to HIV vaccination" University of Rome "Tor Vergata"/ Karolinska Institutet

Principal Investigator of the PEDVAC Study: vaccination with DNA plasmids against HIV in children with vertical HIV infection

31/03/2006 – 31/08/2007 Rome, Italy

Neonatologist Fatebenefratelli Hospital

Neonatal care in the delivery room and in neonatal intensive Unit.

31/05/2007 – 14/07/2007 Nanoro, Burkina Faso

Collaboration as a pediatrician in the project for the development of a pediatric ward at the rural Hospital of Nanoro - Burkina Faso ANLAIDS Onlus

Inspection and report of needs for the development of a pediatric center at the Hospital of Nanoro.
Treatment of the children belonging to the center.

31/05/2005 – 31/03/2006 Benghazi , Libya

MD at Benghazi Infectious Disease and Immunology Center Benghazi Infectious Diseases and Immunology Centre

Inspection and report of needs in the area for the development of a pediatric center in the hospital dedicated to children with hospital HIV infection. Treatment of the children belonging to the center.

31/12/2004 – 31/12/2005 Stockholm, Sweden

Guest Researcher Swedish Institute for Infectious Disease Control, Karolinska Institute

Research activity with molecular and cellular biology protocols applied to the Research Project entitled "Molecular mechanisms of primary HIV immune response and prime boost strategies to induce long term memory"

31/07/2004 – 14/08/2004 Rome, Italy

International Clinical Mission as a Pediatrician "Bambino Gesù" Children's Hospital - Academic Department of Pediatrics

Inspection and report of needs in the area at the Buruli Ulcer Center, in Abidjan in the Ivory Coast.
Treatment of children belonging to the center and reporting of the most serious cases for subsequent treatment at the "Bambino Gesù" Pediatric Hospital in Rome

31/08/2000 – 30/11/2000 London, United Kingdom

Visiting Fellow Great Ormond Street Hospital for Children

Infectious Diseases Clinical activities, Approach to HIV Infected Children

LANGUAGE SKILLS

MOTHER TONGUE(S): Italian

Other language(s):

English

Listening
C2

Reading
C2

Spoken production
C2

Spoken interaction
C2

Writing
C2

Spanish

Listening
B2

Reading
B1

Spoken production
B1

Spoken interaction
B1

Writing
A2

DIGITAL SKILLS

Good knowledges in GraphPad Prism software | Cytofluorimetry | Windows and MacOS | GraphPad Statistics

ADDITIONAL INFORMATION

Networks and memberships

08/07/2022 – CURRENT

Member of the Scientific Advisory Board of the Sensogenomics Project

01/07/2022 – CURRENT

Associate Editor of Frontiers in Pediatrics Journal for the special section "Pediatric Immunology"

Link <https://www.frontiersin.org/journals/pediatrics>

01/07/2022 – CURRENT

Associate Reviewer of Frontiers in Immunology Journal

Link <https://reports.frontiersin.org/reports/frontiers-in-immunology-report.html#:~:text=Frontiers in Immunology is a,Editorial Board of international researchers.>

05/2022 – CURRENT

Leadership of the Basic Science Group of the PENTA ID Network - Pediatric European Network for treatment of AIDS and Infectious Diseases <https://penta-id.org/>

CURRENT

Member of the Italian Society of Pediatrics

Link www.sip.it

CURRENT

Member of the European Society of Pediatric Infectious Disease

Link www.espid.org

CURRENT PENTA ID

Member of the Steering Committee of Pediatric European Network for treatment of AIDS and Infectious Diseases

Link www.pentaid.org

CURRENT Boston Children Hospital- Harvard Medical School

Member of the Scientific Committee of the Precision Vaccines Program

Link <https://www.childrenshospital.org/research/departments-divisions- programs/departments/pediatrics/precision-vaccines-program>

Projects

06/2022 – CURRENT

EChLiBRiST - Development and validation of a quantitative point-of-care test for the measurement of severity biomarkers to improve risk stratification of fever syndromes and enhance child survival - GRANT NUMBER: 101057114 Palma P. (P.I. - for OPBG)

09/03/2022 – CURRENT

U19 NIH GRANT: Immune development in early life (IDEAL) shapes vaccine response, respiratory infectious disease and asthma - Responsible for the Clinical Core Activities
- Member of the IDEAL Executive Group

30/04/2021 – CURRENT

PAVE (Pediatric Adolescent Virus Elimination) – Martin Delaney Collaboratory - GRANT NUMBER: UM1AI154566 Palma P. co-leader of Research focus 3

Link https://reporter.nih.gov/search/FhMijth0Qkqo_0iHHgS7Sg/project-details/10313520

14/02/2020 – CURRENT

EPIICAL (Early-treated Perinatally HIV-infected Individuals: Improving Children’s Actual Life with Novel Immunotherapeutic Strategies) - Resources Grant, PENTA-ID Palma P. (Wp leader of the Immunological Workpackage)

Link www.epiical.org

31/01/2018 – CURRENT

Targeting HIV reservoirs in children with HIVIS DNA and MVA-CMDR vaccines - National Institute of Allergy and Infectious Diseases (Bethesda) - GRANT_NUMBER: U01AI135941 Principal Investigator with Prof. Merlin Robb from MHRP USA and Henry M. Jackson Foundation for the Advancement of Military Medicine, Inc. (HJF).

Link <https://app.dimensions.ai/details/grant/grant.7439916>

01/02/2017 – CURRENT

Resources Grant from Children Hospital, ‘Bambino Gesu’ - Identification of transcriptomic profiles predicting immunity to infectious diseases and vaccines Palma P. (PI)

01/01/2017 – CURRENT

Resources Grant from Fondazione “Bambino Gesu” to study vaccinations in children with acquired immunodeficiency status Palma P. (PI)

30/06/2016 – 2020

NIH - R01 - Immunity and HIV persistence in perinatal HIV infection - GRANT NUMBER: 1R01AI127347-01 Palma P. (Responsible for AIM2)

Link <https://miami.pure.elsevier.com/en/projects/immunity-and-hiv-persistence-in-perinatal-hiv-infection>

14/02/2016 – 14/02/2020

EPIICAL (Early-treated Perinatally HIV-infected Individuals: Improving Children’s Actual Life with Novel Immunotherapeutic Strategies) - Resources Grant, PENTA-ID Palma P. (Wp leader of the Immunological Workpackage)

Link www.epiical.org

01/02/2014 – 01/02/2016

Resources Grant from Children Hospital ‘Bambino Gesu’ - EVaPID-Enhance Vaccine protection in Primary and Acquired immune deficiencies. Palma P. (PI)

The goal of this study is to evaluate correlates of vaccine protection

31/12/2005 – 31/05/2008

Italian Institute of Health (ISS) - Characterization of the B cell responses in children with acquired Immune Deficiencies Palma P. (co-PI)

31/12/2004 – 31/12/2005

European Molecular Biology organization (EMBO) - Molecular mechanisms of primary HIV immune response and prime boost strategies to induce long term memory Palma P. (PI)

Conferences and seminars

31/03/2023 – 01/04/2023 Milan, Italy

Speaker at the Congress "Giornate di Infettivologia Pediatrica"

20/03/2023 – 20/03/2023 Rome, Italy

Speaker at the Congress "INFEZIONE CONGENITA DA CYTOMEGALOVIRUS: GESTIONE DELLA DIADE MADRE-BAMBINO" with the speech "La diagnosi prenatale sierovirologica"

08/02/2023 – 10/02/2023 Barcelona, Spain

Speaker at ECHiLiBRiST Kick-Off Meeting

14/12/2022 – 15/12/2022 Madrid, Spain

Penta Steering Committee Meeting - Speaker to report the activities and plans in view of the next EU calls for the Basic Science Group

07/12/2022 – 09/12/2022 Riga Stradins University

Speaker at the "Vaccines and Vaccination During and Post-Covid Pandemics" 2022 Conference with a speech in the HIV-1 vaccine session

Link <https://www.rsu.lv/en/vac-vac-2022>

29/11/2022 – 30/11/2022 Berlin, Germany

Speaker at the Vaccines Europe 2022 Conference with a speech entitled "Vaccine immuneprofiling"

Link <https://vaccines2022.oxfordglobal.co.uk/>

11/10/2022 – 14/10/2022 Barcelona, Spain

Speaker at World Vaccine Congress EU 2022 with a speech entitled "Immune profiling of vaccine responsiveness in vulnerable populations"

Link <https://www.terrapinn.com/conference/world-vaccine-congress-europe/index.stm>

09/05/2022 – 13/05/2022 Athens, Greece

Speaker at ESPID 2022 with a speech entitled "Omics and Vaccine development"

Link <https://espidmeeting.org>

23/03/2022

REGIONAL SIMEUP CONGRESS NAPLES - Pediatric Emergency and Urgency – Lecture entitled “L’immunità mancata”

21/09/2021

Speaker of the SIP Webinar "Influenza Vaccination" with lecture entitled: “Vaccinazione anti-influenzale in età evolutiva”

08/06/2021

Speaker of the SIP "MIS-C" Webinar with lecture entitled: “Livelli di infiammazione e sintomatologia clinica”

25/05/2021 – 27/05/2021

Speaker at the Sanofi-Genzyme Symposium with a speech entitled: “Dupilumab nella dermatite atopica da moderata a grave: nuove conoscenze e nuove opportunità nel paziente Adolescente”

25/05/2021 – 27/05/2021

Speaker at the 76th Italian Congress of Pediatrics DIE In Puero Homo with two speeches: “Risposta immunologica alla vaccinazione antinfluenzale”; “L’immunologo”. Moderator in the section “Encefaliti post-infettive ed immuno mediate”

13/05/2021

ESPN Webinar of the Joint Working Group on Glomerular Diseases and Transplants

27/11/2020 Italian Society of Pediatrics

Extraordinary SIP Congress - Italian Society of Pediatrics - Lectio Magistralis entitled “La Pandemia da SARS-CoV-2 e le novità in immunologia”

14/12/2020 PENTA Scientific Meeting 2020

PENTA Scientific Meeting 2020, speech entitled: “Distinct virological and immunological features of SARS-CoV-2 infection in children”

16/10/2019 Harvard Medical School-Boston Children Hospital

Speaker at the II International Precision Vaccines Congress di Harvard, Boston Children's Hospital, 77 Avenue Louise Pasteur, speech entitled: “Precise vaccination for vulnerable populations: a call to action”

06/10/2019

Speaker at the Congress "Immunity and Infection" with a speech entitled: “Infezioni Virali ed Immunomodulazione”

31/05/2019

PENTA investigator meeting in Baveno, speech entitled: “Sunrise Project Overview”

30/05/2019 Italian Society of Pediatrics

National Congress of the Italian Society of Pediatrics, report entitled: “Nuovi orizzonti della vaccinologia nelle popolazioni pediatriche vulnerabili (HIV)”

16/05/2019 School of Pediatrics - University of Rome “Tor Vergata” / “Bambino Gesù” Children's Hospital

Lecture at II level International Master's Degree in Child Neurology of the Post Graduate School of Pediatrics with lecture entitled: “Infectious diseases of the central nervous system in primary and acquired immune defects.”

Link <http://scuoladipediatria.it/it/offerta-didattica/master-e-corsi-di-perfezionamento/neurologia-pediatria/>

10/03/2019 Harvard Medical School-Boston Children Hospital

Lecture at Harvard Medical School-Boston Children Hospital, entitled: "Molecular mechanisms underlying suboptimal memory immune responses in vulnerable groups."

12/2018 Miami University - Center for Aids Research

Miami Winter Symposium-Evolving concepts in HIV and emerging viral infections- lecture entitled "Hiv-antibody response estimates reservoir size and time of antiretroviral therapy initiation in virally suppressed perinatally HIV-infected children"

16/12/2018 Athens, Greece

Speaker at the PENTA-ID Scientific Steering Committee: 2 papers entitled "EPIICAL update and future steps" and "PENTAVAC/The Sunrise project"

28/11/2018 Rome, Italy

Speaker at the congress "The Grants of the National Institutes of Health: funding opportunities for Research in OPBG": speech entitled "Un caso di successo dell'OPBG nella partecipazione ai bandi NIH"

27/11/2018 Rome, Italy

Speaker at the congress "MICROBIOTA: CLINICAL AND LABORATORY MEDICINE TALK EACH OTHER, II EDITION" - speech entitled "Microbiota ed HIV"

12/11/2018 Madrid, Spain

Speech entitled "Report of Immunological WP4 activities within the EPIICAL project"

21/09/2018 Rome, Italy

Speaker at the congress "Incontro sulle vaccinazioni" with speech entitled " Vaccino anti-HIV".

14/06/2018 Congress of the Italian Society of Pediatrics, Naples, Italy

Speaker at the Congress of the Italian Society of Pediatrics with speech entitled "Nuove strategie per personalizzare l'intervento vaccinale nel bambino immunocompromesso"

21/05/2018 – 23/05/2018 NIAID Conference Center | 5601 Fishers Lane | Room 1D13 Rockville, MD 20892

Chair of the section: Product Development and Safety Consideration for remission trials presso NIH Framework for Initiating Pediatric Studies of HIV Cure Interventions: Scientific Knowledge Gaps, Regulatory and Ethical Considerations

14/05/2018 – 15/05/2018 ANTIVIRAL THERAPY IN PAEDIATRICS 2018, Bologna, Italy

Speaker at ANTIVIRAL THERAPY IN PAEDIATRICS 2018, Bologna, with speech entitled "Early treatment from virologic, immunological and clinical point of view"

31/05/2017 Congress of the Italian Society of Pediatrics, 2017, Naples, Italy

Speaker at the Congress of the Italian Society of Pediatrics, SIP, 2017 Naples, with speech entitled "Gestione del bambino con Immunodeficit: verso un approccio personalizzato"

23/05/2017 – 27/05/2017 Congress of the European Society of Pediatric Infection

Speaker at the Congress of the European Society of Pediatric Infection, ESPID Relazione dal titolo "Factors associated with time to virological response in children with perinatal HIV in Europe and Thailand initiating antiretroviral therapy (ART) early in infancy"

26/04/2017 – 29/04/2017 San Servolo – Venezia, Italy

Speaker at the Paediatric Investigators Meeting 2017, " Update of the EPIICAL Project"

22/04/2017 – 25/04/2017 Karolinska Institutet, Stockholm, Sweden

Speaker at the third PhD Course on HIV immunology and vaccines per l'European AIDS Vaccine Initiative 2020, with speech entitled: "HIV cure strategies and immunotherapy in pediatrics: why children first?"

05/04/2017 – 07/04/2017 Congress of the Italian Society of Pediatric Infection SITIP

Speaker at the Congress of the Italian Society of Pediatric Infection SITIP with speech entitled "La risposta immunologica alle vaccinazioni nel bambino con immunodeficit"

17/11/2016 "Bambino Gesù" Children's Hospital

Moderator of the session "Vector transmission of parasites" in the Congress THE "ONE HEALTH" PERSPECTIVE IN INFECTIOUS DIAGNOSTICS

16/10/2016 "Bambino Gesù" Children's Hospital

Speaker in the "Bambino Gesù" Children's Hospital Scientific Days with speech entitled "Implementation of a predictive platform of responsiveness to vaccinations in children with acquired immune defects"

20/04/2016 – 21/04/2016

Speaker on the day against meningitis with a speech entitled "La meningite nel bambino immunodepresso"

11/02/2016

Speaker for the Kick-off meeting of the EPIICAL Project as leader of the Immunological working package, to present the vision, objectives and activities planned within the project

Link <http://www.epiical.org/kick-off-meeting-epiical-project>

15/12/2015 – 17/12/2015

Participation in the creation of an international working group called PENTAVAC within the European network for the study of HIV and infectious diseases, PENTA-ID

Link www.penta-id.org

06/05/2015 – 09/05/2015 San Servolo, Italy

Speaker at PENTA Investigator Meeting with a speech entitled "Therapeutic HIV vaccine: can we move forward?"

04/05/2014 – 06/05/2014 Geneve, Switzerland, Second WHO Integrated Meeting

Speaker at the Second WHO Integrated Meeting on development and clinical trials of Influenza vaccines that induce broadly protective and long-lasting immune responses. speech entitled: "Seasonal influenza vaccination in HIV infected and kidney transplanted children and young adults: are serological markers really informative in yearly vaccinated immunocompromised individuals?"

Link http://www.who.int/immunization/research/meetings_workshops/en/

26/09/2013 – 27/09/2013 SITIP Congress (Italian Society of Pediatric Infectious Disease)

Speaker at the SITIP Congress (Italian Society of Pediatric Infectious Disease) with a speech entitled "Le Novità sull' Immunità Adattiva"

Link http://www.mcascientificevents.eu/wpcontent/uploads/2016/08/ESECUTIVO_SITIP_PROGRAMMA-finale.pdf

12/01/2013 – 16/01/2013 Karolinska Institute-Department of Medicine Center for Hematology and Regenerative Medicine

Basic Training in Flow Cytometry "Course n°. 2747

2010

Teaching for training and professional refresher courses provided for in the AIDS intervention plan of the Lazio region - AIDS courses edition: 2009 - Year 2011 - Title "HIV infection: from newborn to adolescent."

03/10/2010 – 07/10/2010

Speaker at 12th Annual International Meeting of the Institute of Human Virology

27/07/2009 – 05/08/2009 University of Rome "Tor Vergata"

Teaching at Medical Summer School University of Rome "Tor Vergata"

2001 – 2012

Teaching for training courses in the Lazio region for HIV / AIDS for nurses

Publications

[Complete list available online at mybibliography:](#)

H Index (Google Scholar)

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Link <https://scholar.google.it/citations?hl=it&user=4WrDikUAAAAJ>

Citations (Google Scholar)

4688

Driving Licence

Driving Licence: B

AiFOS EL/282780 Training course - Job Safety

07/02/2022 - 12/03/2022

AiFOS EL/282780 Training course

Certificate n. T36542