



**Paolo
Palma**

Date of birth: 08/01/1976

Nationality: Italian

Gender: Male


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.ospedalebambinogesu.it/immunologia-clinica-e-vaccinologia-96029/>

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EDUCATION AND TRAINING

03/2017 – 03/2023 – Italy

Qualification as Associate Professor (RDTB) in General, Specialist Pediatrics and Child Neuropsychiatry - 6G1

Ministry of Education, University and Research

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

<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-pediatica-avanzata/>

2007 – 01/2011 – Rome, Italy

Clinical fellow at the Immunoinfectivology 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 Immunoinfectivology 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, Karloinska 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

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"

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

01/07/2022 – CURRENT

Associate Reviewer of Frontiers in Immunology Journal

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

CURRENT

Member of the Italian Society of Pediatrics

www.sip.it

CURRENT

Member of the European Society of Pediatric Infectious Disease

www.espid.org

CURRENT

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

PENTA ID www.pentaid.org

CURRENT

Member of the Scientific Committee of the Precision Vaccines Program

Boston Children Hospital- Harvard Medical School <https://www.childrenshospital.org/research/departments-divisions- programs/departments/pediatrics/precision-vaccines-program>

PROJECTS

09/03/2022 – CURRENT

Immune development in early life (IDEAL) shapes vaccine response, respiratory infectious disease and asthma

Co-leader of Research Focus 3 developing in vitro assays aimed at modeling specific immunological responses

30/04/2021 – CURRENT

PAVE (Pediatric Adolescent Virus Elimination) – Martin Delaney Collaboratory - GRANT NUMBER: UM1AI154566

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

Palma P. co-leader of Research focus 3

14/02/2020 – CURRENT

EPIICAL (Early-treated Perinatally HIV-infected Individuals: Improving Children's Actual Life with Novel Immunotherapeutic Strategies) - Resources Grant, PENTA-ID

www.epiical.org

Palma P. (Wp leader of the Immunological Workpackage)

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

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

Principal Investigator with Prof. Merlin Robb from MHRP USA and Henry M. Jackson Foundation for the Advancement of Military Medicine, Inc. (HJF).

01/02/2017 – CURRENT

Resources Grant from Children Hospital, 'Bambino Gesù' - Identification of transcriptomic profiles predicting immunity to infectious diseases and vaccines

Palma P. (PI)

01/01/2017 – CURRENT

Resources Grant from Fondazione “Bambino Gesù” 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

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

Palma P. (Responsible for AIM2)

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

www.epiical.org

Palma P. (Wp leader of the Immunological Workpackage)

01/02/2014 – 01/02/2016

Resources Grant from Children Hospital ‘Bambino Gesù’ - 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

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."**

<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**

<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**

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?".

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"**

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**

DIGITAL SKILLS

My Digital Skills

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

PUBLICATIONS

- **Complete list available online at mybiblography:**
www.ncbi.nlm.nih.gov/myncbi/16sPjuW7N89Aa/bibliography/public/

H INDEX (SCOPUS)

- **26**
<https://scholar.google.it/citations?hl=it&user=4WrDlkUAAAAJ>

CITATIONS (SCOPUS)

- **2930**

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