DONATO AMODIO

PERSONAL INFORMATION

Name	Donato Amodio
Address	Viale Isacco Newton, 62 - 00151 - Rome – Italy
Telephone	+39 3285578374
PEC	donato.amodio@pz.omceo.it
E-mail	amodio.donato@gmail.com
Date and place of birth	15/07/1985, Potenza
Nationality	Italian
CF/Tax Code	MDADNT85L15G942M

WORK EXPERIENCE

Date and Organisation	**National Scientific qualification** as associate professor in the higher education system, in the call 2023/2025 (Ministerial Decree n. 1796/2023) for the disciplinary field of 06/G1 – Paediatrics and child neuropsychiatry.
Date and organisation	From March 2023 to date **Assistant Professor (RTDA) in Paediatrics** Departments of Systems Medicine, University of Rome Tor Vergata, Rome – Italy
Date and organisation	From January 2024 up to date **Staff physician** Bambino Gesù Children's Hospital, Rome – Italy Research Unit of Clinical Immunology and Vaccinology
Date and Organisation	From August 2017 to December 2023 **Research Fellow** Bambino Gesù Children's Hospital, Rome - Italy University Hospital Pediatric Department (DPUO). Pediatric patient management at Immunology and infectivology Unit. Night shifts ad DPUO
Date and organisation	From September 2015 to September 2016 **Visiting Researcher** Vaccine Research Center, National Institute of Allergy and Infectious Diseases, National Institutes of Health – Bethesda, Maryland 20892 - USA
Date and organisation	From November 2011 to June 2015 **Investigator** Hospital Fatebenefratelli San Pietro, Rome - Italy European project *"Efficacy, pharmacokinetics and safety of Meropenem in infants below 90 days of age (inclusive) with clinical or confirmed late-onset sepsis and meningitis: a European multicenter randomised phase III trial"*
Date and organisation	From April 2012 up August 2012 **SubInvestigator** Hospital Fatebenefratelli, San Pietro, Rome - Italy Project "PAED2/FRESH"
Date and organisation	From March 2010 to October 2011 Internship - Bambino Gesù Children's Hospital, Rome - Italy Immunoinfectivology Department (Prof. Paolo Rossi)

EDUCATION AND TRAINING

Date and organisation	From November 2017 to October 2020 PhD course in Molecular Medicine Immunology and Applied Biotechnology Title of thesis: The emerging role of Follicular CD4 T cells in the immune system: a comprehensive analysis in different diseases and anatomic compartment in the era of COVID19
Title of qualification awarded	Doctor of Philosphy - Vote Excellent cum Laude
Date and organisation	From July 2012 to July 2017 Post Graduate School in Paediatrics, University of Rome Tor Vergata Title of thesis "Tonsil germinal center immune dynamics after influenza vaccination in children"
Title of qualification awarded	Residency in Paediatrics – Vote 50/50 cum Laude
Date and organisation	From October 2004 to October 2010 University of Rome Tor Vergata, School of Medicine Title of thesis "Valutazione della funzionalità renale in bambini infetti da HIV e trattati con terapia antiretrovirale contenente Tenofovir"
Title of qualification awarded	Degree in Medicine – Vote 110/110 cum Laude
Date and organisation	From Semptember 1999 to June 2004 Liceo Scientifico "Galileo Galilei", Potenza – Italy
Title of qualification awarded	"Diploma di scuola media secondaria superiore"

TEACHING EXPERIENCE

Date and organisation	From 2023 – University of Rome Tor Vergatal – Rome, Italy Faculty of Medicine, Teaching of Pediatrics
Date and Organisation	From 2023 – Catholic University Our Lady of Good Counsel – Tirana, Albania Faculty of Medicine, Teaching of Pediatrics
Date and organisation	From 2022 University of Rome Tor Vergata - Italy Board member of PhD course in Molecular Medicine Immunology and Applied Biotechnology Code DOT13AB9TV
Date and organisation	Master di II livello in Allergologia ed Immunologia Pediatrica Avanzata. Modulo: Vaccini University of Rome Tor Vergata – Italy 22/10/202

GRANTS

- Grant 5x1000 year 2023 - €100.000
  Ospedale Pediatrico Bambino Gesù IDEAL: Immune Development in early Lifei cod. 202305_INFETT_AMODIO
- Grant 5x1000 year 2022 - €57.000
  Ospedale Pediatrico Bambino Gesù SOON: Sars-cOv-2 Outcome vacciNation - CONVERS: Valutazione dell'Immunogenicità del vaccino COVID-19 mRNA BNT162b2 (Comirnaty) in popolazioni vulnerabili cod. 202205_INFETT_AMODIO
- Ricerca finalizzata 2019 – € 450.000
  Progetto GR-2019-12369979 Definition of the role of different genetic and non-genetic factors in the variability of the clinical and immunological phenotype in patients with 22q11.2 deletion syndrome.

CLINICAL STUDIES

- Investigator in the European Observational Study Profound Combined Immunodeficiency (P-CID)

- Investigator in the clinical trial Kedrion intravenous human normal immunoglobulin (IVIg) 10% - KB070 PID PED study

ROLE IN SCIENTIFIC SOCIETIES

- Editor Vaccine:X
- Consultant in ERN-RITA The European Reference Network that aims at improving the care of patients with Rare Immunological Disorders https://ern-rita.org
- Consultant in Virtual consultation System of AIEOP in Primary immunodeficiencies
- Review Editor for the following journal: Frontiers in Public Health, Frontiers in Pediatrics, Frontiers in Medicine, Vaccines, Vaccine, Vaccine X

PUBLICATIONS
DOCUMENTS 66

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CITATIONS 1850
(Source: Scopus Author ID)

• Publications in Extenso
* shared first authorship

1. **Immune Development in Early Life (IDEaL) longitudinal cohort study protocol: Identifying biomarkers of vaccine responsiveness, respiratory infection, and asthma. J Allergy Clin Immunol Glob. 2025 Jun 23;4(4):100517. doi:10.1016/j.jacig.2025.100517**
2. **Longitudinal Meta-cohort study protocol using systems biology to identify vaccine safety biomarkers. Vaccine. 2025 Jul 26:62:127504. Doi: 10.1016/j.vaccine.2025.127504**
3. **of Nirmatrelvir-Ritonavir Administration in Children With Immunodeficiency and/or Comorbidities With SARS-CoV-2 Infection: A Retrospective Clinical Report. Pediatr Infect Dis J. 2025 May 1;44(5):442-448. doi: 10.1097/INF.0000000000004657.** Stefania Bernardi, Marco Roversi, Antonio Torelli, Antonio Musolino, Emanuele Nicastri, Paolo Palma, Paolo Rossi, Leonardo Vallesi, Tiziana Corsetti, Laura Lancella, Barbarella Lucarelli, Federica Galaverna, Alberto Villani, Carlo Federico Perno, Massimiliano Raponi; KIDS Study Group
4. **Shielding the immunocompromised: COVID-19 prevention strategies for patients with primary and secondary immunodeficiencies. Vaccine. 2025 Feb 12:51:126853. doi: 10.1016/j.vaccine.2025.126853.**
   Giulio Olivieri, Donato Amodio, Emma Concetta Manno, Veronica Santilli, Nicola Cotugno, Paolo Palma
5. **Pre-vaccination immune markers predict response to BNT162b2 mRNA vaccine in vulnerable groups - The CONVERS project, report from a pediatric tertiary hospital. Vaccine. 2025 Mar 7:49:126778. doi: 10.1016/j.vaccine.2025.126778.**
   Nicola Cotugno, Marco Sanna, Donato Amodio, Elena Morrocchi, Chiara Pighi, Chiara Medri, Giuseppe Rubens Pascucci, Veronica Santilli, Emma Concetta Manno, Paola Zangari, Chiara Rossetti, Nicole Colantoni, Giulio Olivieri, Elena Emili, Alessia Neri, Arianna Rotili, Paolo Rossi, Ofer Levy, Lorenza Putignani, Paolo Palma; CONVERS Study Team
6. **Monocytes across life span in HIV infection: Lights and shadows. Curr Opin HIV AIDS. 2025 Mar 1;20(2):133-144.**
   Alessia Neri, Giulio Olivieri, Chiara Pighi, Donato Amodio, Nicola Cotugno, Paolo Palma
7. **Distinct pro-inflammatory/pro-angiogenetic signatures distinguish children with Long COVID from controls. Pediatr Res. 2025 Jan 24. doi: 10.1038/s41390-025-03837-0.**
   Danilo Buonsenso, Nicola Cotugno, Donato Amodio, Giuseppe Rubens Pascucci, Gabriele Di Sante, Chiara Pighi, Elena Morrocchi, Alessandro Pucci, Giulio Olivieri, Nicole Colantoni, Lorenza Romani, Arianna Rotili, Alessia Neri, Rosa Morello, Michela Sali, Adriana Tremoulet, Francesca Raffaelli, Giuseppe Zampino, Paolo Rossi, Piero Valentini, Paolo Palma
8. **Biomarkers of vaccine safety and efficacy in vulnerable populations: Lessons from the fourth international precision vaccines conference. Vaccine. 2025 Jan 1;43(Pt 2):126477. doi: 10.1016/j.vaccine.2024.126477.**

Donato Amodio, Asimenia Angelidou, Nicola Cotugno, Amy C Sherman, Ofer Levy, Paolo Palma; IPVC 2023 Speakers' group

9. **Actinomyces timonensis: A Novel Pathogen to Not Overlook in Immunocompetent Children With Recurrent Cutaneous Abscesses. Pediatr Infect Dis J doi: 10.1097/INF.0000000000004490**
Enrica Franzese, Gioacchino Andrea Rotulo, Donato Amodio, Emma Concetta Manno, Paola Zangari, Beatrice Rivalta, Lucia Pacillo, Veronica Santilli, Paola Bernaschi, Carlo Federico Perno, Paolo Rossi, Paolo Palma, Nicola Cotugno

10. **Multi-modal immune dynamics of pre-COVID-19 Kawasaki Disease following intravenous immunoglobulin. Clin Immunol. 2024 Oct:267:110349. doi: 10.1016/j.clim.2024.110349.**
Nicola Cotugno, Giulio Olivieri, Giuseppe Rubens Pascucci, Donato Amodio, Elena Morrocchi, Chiara Pighi, Emma Concetta Manno, Gioacchino Andrea Rotulo, Carolina D'Anna, Marcello Chinali, Isabella Tarissi de Jacobis, Danilo Buonsenso, Alberto Villani, Paolo Rossi, Alessandra Marchesi, Paolo Palma

11. **Use of dupilumab for atopic dermatitis in pediatric and young adult patients with inborn errors of immunity. Pediatr Allergy Immunol. 2024 Aug;35(8):e14215. doi: 10.1111/pai.14215.**
Paola Zangari, Carmela Giancotta, Lucia Pacillo, Nicole Colantoni, Fabrizio Leone, Donato Amodio, Veronica Santilli, Emma Concetta Manno, Nicola Cotugno, Beatrice Rivalta, Gioacchino Andrea Rotulo, Silvia Di Cesare, Andrea Diociaiuti, May El Hachem, Caterina Cancrini, Andrea Finocchi, Paolo Palma

12. **BCL11B-Related Dystonia: Further Evidence of an Emerging Cause of Childhood-Onset Generalized Dystonia. Movement Disorders Clinical Practice, 2024, 11(7), pp. 897–901.**
Garone, Giacomo; Capuano, Alessandro; Amodio, Donato; Nicita, Francesco; Travaglini, Lorena; Graziola, Federica; De Benedictis, Alessandro; Frascarelli, Flaminia; Parisi, Pasquale; Pizzi, Simone; Tartaglia, Marco; Marras, Carlo Efisio;Niceta, Marcello

13. **Epstein–Barr virus-associated smooth muscle tumor in a female with ataxia telangiectasia: A case report. Pediatric Blood and Cancer, 2024, 71(7), e31019.**
Rivalta, Beatrice; Zangari, Paola; Pacillo, Lucia; Manno, Emma Concetta; Santilli, Veronica; Rotulo, Gioacchino Andrea; Cotugno, Nicola; Rossetti, Chiara; Vallese, Silvia; Paglietti, Maria Giovanna; Tomà, Paolo; Pardi, Valerio; Inserra, Alessandro; Francalanci, Paola; Milano, Giuseppe Maria; Alaggio, Rita; Cancrini, Caterina; Finocchi, Andrea; Palma, Paolo; Amodio, Donato

14. **Children with perinatally acquired HIV exhibit distinct immune responses to 4CMenB vaccine. JCI Insight, 2024, 9(10), e177182.**
Cotugno, Nicola; Neri, Alessia; Sanna, Marco; Santilli, Veronica; Manno, Emma Concetta; Pascucci, Giuseppe Rubens; Morrocchi, Elena; Amodio, Donato; Ruggiero, Alessandra; degli Atti, Marta Luisa Ciofi; Barneschi, Irene; Grappi, Silvia; Cocchi, Ilaria; Giacomet, Vania; Trabattoni, Daria; Olivieri, Giulio; Bernardi, Stefania; O'Connor, Daniel; Montomoli, Emanuele; Pollard, Andrew J.; Palma, Paolo

15. **CMV Characterization of Natural Killer Cell Profile in a Cohort of Infected Pregnant Women and Their Babies and Its Relation to CMV Transmission. Viruses, 2024, 16(5), 780**
Pighi, Chiara; Rotili, Arianna; De Luca, Maia; Chiurchiù, Sara;Calò Carducci, Francesca Ippolita; Rossetti, Chiara; Cifaldi, Loredana; Bei, Roberto; Caforio, Leonardo; Bernardi, Stefania; Palma, Paolo; Amodio, Donato

16. **The Inborn Errors of Immunity—Virtual Consultation System Platform in Service for the Italian Primary Immunodeficiency Network: Results from the Validation Phase. 2024) Journal of Clinical Immunology, 44 (2), art. no. 47. Doi: 10.1007/s10875-023-01644-y.**
Coppola, E., Sgrulletti, M., Cortesi, M., Romano, R., Cirillo, E., Giardino, G., Dotta, L., Cancrini, C., Bruzzese, D., Badolato, R., Moschese, V., Pignata, C., Alessandro, A., Amodio, D., Azzari, C., Canessa, C., Caorsi, R., Castagnoli, R., Cicalese, M.P., Conti, F., Consolini, R., Dellepiane, R.M., Finocchi, A., Gallo, V., Gattorno, M., Graziani, S., Lippi, F., Lougaris, V., Martire, B., Matucci, A., Marzollo, A., Milito, C., Montin, D., Ottaviano, G., Palma, P., Patuzzo, G., Pession, A., Pietrogrande, M.C., Plebani, A., Quinti, I., Ricci, S., Saettini, F., Soresina, A., Spadaro, G., Tommasini, A., Trizzino, N., Volpi, S., Vultaggio, A

17. **Natural history of Ras-associated autoimmune leukoproliferative disorder: A 20-year follow-up of a NRAS-mutated patient excluding a malignant progression. 2024) British Journal of Haematology, 204 (1), pp. e6-e10. DOI: 10.1111/bjh.19150**
Rivalta, B., Attardi, E., Cifaldi, C., Rosti, V., Pacillo, L., Hajrullaj, H., Di Cesare, S., Amodio, D., Algeri, M., Luciani, M., Barzaghi, F., Finocchi, A., Di Matteo, G., Aiuti, A., Locatelli, F., Voso, M.T., Palumbo, G., Cancrini, C.

18. **Susceptibility of SARS-CoV2 infection in children. (2023) European Journal of Pediatrics, 182 (11), pp. 4851-4857. Doi: 0.1007/s00431-023-05184-w**
Cotugno, N., Amodio, D., Buonsenso, D., Palma, P
19. **Similarities and differences between myocarditis following COVID-19 mRNA vaccine and multiple inflammatory syndrome with cardiac involvement in children. Clinical Immunology Volume 255October 2023 Article number 109751. Doi: 10.1016/j.clim.2023.109751** Amodio, D., Pascucci, G.R., Cotugno, N., Rossetti, C., Manno, E.C., Pighi, C., Morrocchi, E., D'Alessandro, A., Perrone, M.A., Valentini, A., Franceschini, A., Chinali, M., Deodati, A., Azzari, C., Rossi, P., Cianfarani, S., Andreani, M., Porzio, O., Palma, P
20. **Relapsing myocarditis following initial recovery of post COVID-19 vaccination in two adolescent males – Case report**
Donato Amodio, Emma Concetta Manno, Nicola Cotugno, Veronica Santilli, Alessio Franceschini, Marco Alfonso Perrone, Marcello Chinali, Fabrizio Drago, Nicoletta Cantarutti, Davide Curione, Renata Engler, Aurelio Secinaro, Paolo Palma
21. **Tailored treatments in inborn errors of immunity associated with atopy (IEIs-A) with skin involvement. Front. Pediatr. 2023 Mar 22;11:1129249. doi: 10.3389/fped.2023.1129249.**
Carmela Giancotta, Nicole Colantoni, Lucia Pacillo, Veronica Santilli, Donato Amodio, Emma Concetta Manno, Nicola Cotugno, Gioacchino Andrea Rotulo, Beatrice Rivalta, Andrea Finocchi, Caterina Cancrini, Andrea Diociaiuti, May El Hachem, Paola Zangari
22. **How CD4+ T Cells Transcriptional Profile Is Affected by Culture Conditions: Towards the Design of Optimal In Vitro HIV Reactivation Assays. Biomedicines. 2023 Mar 13;11(3):888. doi: 10.3390/biomedicines11030888.** Pascucci GR, Morrocchi E, Pighi C, Rotili A, Neri A, Medri C, Olivieri G, Sanna M, Rasi G, Persaud D, Chahroudi A, Lichterfeld M, Nastouli E, Cancrini C, Amodio D, Rossi P, Cotugno N, Palma P.
23. **Human germline heterozygous gain-of-function STAT6 variants cause severe allergic disease. J Exp Med. 2023 May 1;220(5):e20221755. doi: 10.1084/jem.20221755.**
Sharma M, Leung D, Momenilandi M, Jones LCW, Pacillo L, James AE, Murrell JR, Delafontaine S, Maimaris J, Vaseghi-Shanjani M, Del Bel KL, Lu HY, Chua GT, Di Cesare S, Fornes O, Liu Z, Di Matteo G, Fu MP, Amodio D, Tam IYS, Chan GSW, Sharma AA, Dalmann J, van der Lee R, Blanchard-Rohner G, Lin S, Philippot Q, Richmond PA, Lee JJ, Matthews A, Seear M, Turvey AK, Philips RL, Brown-Whitehorn TF, Gray CJ, Izumi K, Treat JR, Wood KH, Lack J, Khleborodova A, Niemela JE, Yang X, Liang R, Kui L, Wong CSM, Poon GWK, Hoischen A, van der Made CI, Yang J, Chan KW, Rosa Duque JSD, Lee PPW, Ho MHK, Chung BHY, Le HTM, Yang W, Rohani P, Fouladvand A, Rokni-Zadeh H, Changi-Ashtiani M, Miryounesi M, Puel A, Shahrooei M, Finocchi A, Rossi P, Rivalta B, Cifaldi C, Novelli A, Passarelli C, Arasi S, Bullens D, Sauer K, Claeys T, Biggs CM, Morris EC, Rosenzweig SD, O'Shea JJ, Wasserman WW, Bedford HM, van Karnebeek CDM, Palma P, Burns SO, Meyts I, Casanova JL, Lyons JJ, Parvaneh N, Nguyen ATV, Cancrini C, Heimall J, Ahmed H, McKinnon ML, Lau YL, Béziat V, Turvey SE.
24. **Higher Troponin Levels on Admission are associated With Persistent Cardiac Magnetic Resonance Lesions in Children Developing Myocarditis After mRNA-Based COVID-19 Vaccination. Pediatr Infect Dis J. 2023 Feb 1;42(2):166-171. doi: 10.1097/INF.0000000000003762.Epub 2022 Oct 31.**
Emma Concetta Manno, Donato Amodio, Nicola Cotugno, Chiara Rossetti, Carmela Giancotta, Veronica Santilli, Paola Zangari, Gioacchino Andrea Rotulo, Alberto Villani, Emanuele Giglioni, Attilio Turchetta, Giulia Cafiero, Alessio Franceschini, Marcello Chinali, Ottavia Porzio, Aurelio Secinaro, Paolo Palma
25. **The Notch1/CD22 signaling axis disrupts Treg function in SARS-CoV-2-associated multisystem inflammatory syndrome in children. J Clin invest. 2023 Jan 3;133(1):e163235. doi: 10.1172/JCI163235.**
Mehdi Benamar, Qian Chen, Janet Chou, Amélie M Julé, Rafik Boudra, Paola Contini, Elena Crestani, Peggy S Lai, Muyun Wang, Jason Fong, Shira Rockwitz, Pui Lee, Tsz Man Fion Chan, Ekin Zeynep Altun, Eda Kepenekli, Elif Karakoc-Aydiner, Ahmet Ozen, Perran Boran, Fatih Aygun, Pinar Onal, Ayse Ayzit Kilinc Sakalli, Haluk Cokugras, Metin Yusuf Gelmez, Fatma Betul Oktelik, Esin Aktas Cetin, Yuelin Zhong, Maria Lucia Taylor, Katherine Irby, Natasha B Halasa, Elizabeth H Mack; Overcoming COVID-19 Investigators; Sara Signa, Ignazia Prigione, Marco Gattorno, Nicola Cotugno, Donato Amodio, Raif S Geha, Mary Beth Son, Jane Newburger, Pankaj B Agrawal, Stefano Volpi, Paolo Palma, Ayca Kiykim, Adrienne G Randolph, Gunnur Deniz, Safa Baris, Raffaele De Palma, Klaus Schmitz-Abe, Louis-Marie Charbonnier , Lauren A Henderson, Talal A Chatila

26. **Targeted treatment of autoimmune cytopenias in primary immunodeficiencies. Front. Immunol., 16 August 2022. https://doi.org/10.3389/fimmu.2022.911385**
Lucia Pacillo, Giuliana Giardino, Donato Amodio, Carmela Giancotta, Beatrice Rivalta, Gioacchino Andrea Rotulo, Emma Concetta Manno, Cristina Cifaldi, Giuseppe Palumbo, Claudio Pignata, Paolo Palma, Paolo Rossi, Andrea Finocchi and Caterina Cancrini
27. **SARS-CoV-2 infection and treatment in a cohort of patients with inborn errors of immunity. 01 August 2022. https://doi.org/10.1111/pai.13833**
Francesca Conti, Lucia Pacillo, Donato Amodio, Beatrice Rivalta, Mattia Moratti, Caterina Campoli, Daniele Zama, Ilaria Corsini, Carmela Giancotta, Stefania Bernardi, Samuele Naviglio, Maria Pia Cicalese, Marco Rabusin, Alessandro Aiuti, Caterina Cancrini, Marcello Lanari, Pierluigi Viale, Paolo Palma, Andrea Pession, Andrea Finocchi (Donato Amodio: corresponding author)
28. **Radiosensitivity in patients affected by ARPC1B deficiency: a new disease trait? Front. Immunol., 29 July 2022. https://doi.org/10.3389/fimmu.2022.919237**
Maria Chiriaco*, Giorgiana Madalina Ursu*, Donato Amodio*, Nicola Cotugno*, Stefano Volpi, Francesco Berardinelli, Simone Pizzi, Cristina Cifaldi, Matteo Zoccolillo, Ignazia Prigione, Silvia Di Cesare, Carmela Giancotta, Elisa Anastasio, Beatrice Rivalta, Lucia Pacillo, Paola Zangari, Alessandro G. Fiocchi, Andrea Diociaiuti, Alessandro Bruselles, Francesca Pantaleoni, Andrea Ciolfi, Valentina D'Oria, Giuseppe Palumbo, Marco Gattorno, Maya El Hachem, Jean-Pierre de Villartay, Andrea Finocchi, Paolo Palma, Paolo Rossi, Marco Tartaglia, Alessandro Aiuti, Antonio Antoccia, Gigliola Di Matteo and Caterina Cancrini
29. **Secondary cytomegalovirus infections: How much do we still not know? Comparison of children with symptomatic congenital cytomegalovirus born to mothers with primary and secondary infection. Front. Pediatr., 19 July 2022. https://doi.org/10.3389/fped.2022.885926**
Fabiola Scaramuzzino, Michela Di Pastena, Sara Chiurchiu, Lorenza Romani, Maia De Luca, Giulia Lucignani, Donato Amodio, Annalisa Seccia, Pasquale Marsella, Teresa Grimaldi Capitello, Daniela Longo, Paolo Palma, Laura Lancella, Stefania Bernardi, Paolo Rossi and Francesca Ippolita Calo Carducci
30. **Two Pediatric Cases of Multisystem Inflammatory Syndrome with Overlapping Neurological Involvement Following SARS-CoV-2 Vaccination and Unknown SARS-CoV2 Infection: The Importance of Pre-Vaccination History. Vaccines 2022, 10(7), 1136; https://doi.org/10.3390/vaccines10071136**
Veronica Santilli, Emma Concetta Manno, Carmela Giancotta, Chiara Rossetti, Nicola Cotugno, Donato Amodio, Gioacchino Andrea Rotulo, Annalisa Deodati, Roberto Bianchi, Giulia Lucignani, Daniela Longo, Massimiliano Valeriani and Paolo Palma
31. **Evaluation of Safety and Immunogenicity of BNT162B2 mRNA COVID-19 Vaccine in IBD Pediatric Population with Distinct Immune Suppressive Regimens. Vaccines 2022, 10(7), 1109; https://doi.org/10.3390/vaccines10071109**
Nicola Cotugno, Enrica Franzese, Giulia Angelino, Donato Amodio, Erminia Francesca Romeo, Francesca Rea, Simona Faraci, Renato Tambucci, Elisa Profeti, Emma Concetta Manno, Veronica Santilli, Gioacchino Andrea Rotulo, Chiara Pighi, Chiara Medri, Elena Morrocchi, Luna Colagrossi, Giuseppe Rubens Pascucci, Diletta Valentini, Alberto Villani, Paolo Rossi, Paola De Angelis and Paolo Palma
32. **Case Report: Successful Treatment With Monoclonal Antibodies in One APDS Patient With Prolonged SARS-CoV-2 Infection Not Responsive to Previous Lines of Treatment. Front. Immunol., 21 June 2022; https://doi.org/10.3389/fimmu.2022.891274**
Beatrice Rivalta*, Donato Amodio*, Carmela Giancotta, Veronica Santilli, Lucia Pacillo, Paola Zangari, Nicola Cotugno, Emma Concetta Manno, Andrea Finocchi, Stefania Bernardi, Luna Colagrossi, Leonarda Gentile, Cristina Russo, Carlo Federico Perno, Paolo Rossi, Caterina Cancrini and Paolo Palma
33. **COVID-19 in children: From afterthought to unknown. Cell Reports Medicine, 2022, 3(3), 100558**
Donato Amodio, Nicola Cotugno, Paolo Palma
34. **Perinatally HIV-infected adolescents and young adults demonstrate distinct BNT162b2 mRNA COVID-19 vaccine immunogenicity. Clin Infect Dis. 2022 Jun 23;ciac408. Doi: 10.1093/cid/ciac408**
Elena Morrocchi, Chiara Pighi, Giuseppe Rubens Pascucci, Nicola Cotugno, Chiara Medri, Donato Amodio, Luna Colagrossi, Alessandra Ruggiero, Emma Concetta Manno, Chiara Casamento Tumeo, Stefania Bernardi, Kinga K Smolen, Carlo Federico Perno, Al Ozonoff, Paolo Rossi, Ofer Levy, Paolo Palma

35. **Highly Specific Memory B Cells Generation after the 2nd Dose of BNT162b2 Vaccine Compensate for the Decline of Serum Antibodies and Absence of Mucosal IgA Cells 2021, 10(10), 2541; doi: 10.3390/cells10102541**
    Eva Piano Mortari, Cristina Russo, Maria Rosaria Vinci, Sara Terreri, Ane Fernandez Salinas, Livia Piccioni, Claudia Alteri, Luna Colagrossi, Luana Coltella, Stefania Ranno, Giulia Linardos, Marilena Agosta, Christian Albano, Chiara Agrati, Concetta Castilletti, Silvia Meschi, Paolo Romania, Giuseppe Roscilli, Emiliano Pavoni, Vincenzo Camisa, Annapaola Santoro, Rita Brugaletta, Nicola Magnavita, Alessandra Ruggiero, Nicola Cotugno, Donato Amodio, Marta Luisa Ciofi Degli Atti, Daniela Giorgi, Nicoletta Russo, Guglielmo Salvatori, Tiziana Corsetti, Franco Locatelli, Carlo Federico Perno, Salvatore Zaffina, Rita Carsetti

36. **Humoral and cellular response following vaccination with BNT162b2 mRNA COVID-19 Vaccine in Patients affected by Primary Immunodeficiencies. Front. Immunol. | doi: 10.3389/fimmu.2021.727850**
    Donato Amodio, Alessandra Ruggiero, Mayla Sgrulletti, Chiara Pighi, Nicola Cotugno, Chiara Medri, Elena Morrocchi, Luna Colagrossi, Cristina Russo, Salvatore Zaffina, Gigliola Di Matteo, Cristina Cifaldi, Silvia Di Cesare, Beatrice Rivalta, Lucia Pacillo, Veronica Santilli, Carmela Giancotta, Emma Concetta Manno, Marta Ciofi Degli Atti, Massimiliano Raponi, Paolo Rossi, Andrea Finocchi, Caterina Cancrini, Carlo Federico Perno, Viviana Moschese, Paolo Palma
37. **BNT162b2 mRNA COVID-19 Vaccine in Heart and Lung Transplanted Young Adults: Is an Alternative SARS-CoV-2 Immune Response Surveillance Needed? Transplantation 2022; 106(2): e158-e160. doi: 10.1097/TP.0000000000003999**
    Nicola Cotugno, Chiara Pighi, Elena Morrocchi, Alessandra Ruggiero, Donato Amodio, Chiara Medri, Luna Colagrossi, Cristina Russo, Silvia Di Cesare, Veronica Santilli, Emma Concetta Manno, Paola Zangari, Carmela Giancotta, Stefania Bernardi, Luciana Nicolosi, Marta Ciofi Degli Atti, Massimiliano Raponi, Salvatore Zaffina, Sara Alfieri, Richard Kirk, Carlo Federico Perno, Paolo Rossi, Antonio Amodeo, Paolo Palma
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ABSTRACTS

- *Relapsing Myocarditis following Initial recovery of post COVID-19 Vaccination in two adolescent males. FOCIS - Federation of Clinical Immunology Societies, Boston, MA, USA – June 20-23, 20233*
- Safety and efficacy of Paxlovid in children with Primary Immunodeficiency affected by SARS-CoV-2 Accepted at 20th Biennial Meeting of the European Society for Immunodeficiencies (ESID 2022) | 12-15 October 2022
- Acute Ischemic Stroke in a young child with SARS-CoV-2 infection: the role of β2−GPI antibodies. Accepted at 20th Biennial Meeting of the European Society for Immunodeficiencies (ESID 2022) | 12-15 October 2022
- Persistent hypogammaglobulinemia post Rituximab: an underlying primitive immunodeficiency? Accepted at 20th Biennial Meeting of the European Society for Immunodeficiencies (ESID 2022) | 12-15 October 2022
- Successful treatment with mycophenolate mophetile of relapsing/refractory immune thrombocytopenia in four patients with Del22q11.2 syndrome. Accepted at 20th Biennial Meeting of the European Society for Immunodeficiencies (ESID 2022) | 12-15 October 2022
- A novel heterozygous germline STAT6 variant as a likely monogenic cause of a novel primary atopic disorder. Accepted at 20th Biennial Meeting of the European Society for Immunodeficiencies (ESID 2022) | 12-15 October 2022
- Cardiologic outcomes after immunization with mRNA-Based COVID-19 Vaccines in adolescent - 40th Annual Meeting of the European Society for Paediatric Infectious Diseases - May 9 - 13, 2022 - Athens, Greece
- Successful treatment with monoclonal antibodies in one APDS patients with prolonged SARS-CoV-2 infection not responsive to previous lines of treatment.
The European Society of immunodeficiencies ESID 2021 Online Symposium

- Clinical and Routine Laboratory Analysis distinguishing Multisystem Inflammatory Syndrome associated with COVID-19 (MIS-C) from Kawasaki Disease - 39th Annual Meeting of the European Society for Paediatric Infectious Diseases - May 24-29, 2021
- Immune Modulating Therapy In Multisystem Inflammatory Syndrome In Children: Experience In A Tertiary Care Children Hospital With A Dedicated Covid-19 Regional Center - 39th Annual Meeting of the European Society for Paediatric Infectious Diseases - May 24-29, 2021
- Magnetic Resonance Imaging: A Powerful Diagnostic Tool For An Early Identification Of Congenital Cmv Brain Damages In Asympomatic Newborns - 39th Annual Meeting of the European Society for Paediatric Infectious Diseases - May 24-29, 2021
- Neurodevelopmental Outcome in children with Asymptomatic congenital Cytomegalovirus Infection: the importance of testing until 6 years of age to diagnose and support - 39th Annual Meeting of the European Society for Paediatric Infectious Diseases - May 24-29, 2021
- Pediatric Hospitalized Bronchiolitis: the role of the Respiratory Syncytial Virus - 39th Annual Meeting of the European Society for Paediatric Infectious Diseases - May 24-29, 2021
- Transcriptional and phenotypic analysis of distinct T-cell subsets may reveal novel pathogenetic and diagnostic signatures of Kawasaki disease - Virtual IMMUNOLOGY 2021 May 10 - 15, 2021
- ASYMPTOMATIC SARS-Cov-2 CHILDREN HAVE LOWER INFECTIVITY AND INTACT MEMORY RESPONSES - virtual CROI 2021
- Radiosensitivity: a new insight into the ARPC1B deficiency accettato al 19th Biennial Meeting of The European Society of immunodeficiencies (ESID) 14-17 Ottobre 2020
- “Refractory/relapsed autoimmune cytopenias as clinical manifestation of primary immunodeficiency.” IPIC 2019 – Madrid 6-8 November, 2019
- “Immunological anomalies in patients with noonan syndrome and related disorders.” IPIC 2019 – Madrid 6-8 November, 2019
- “Cryptococcal meningitis in a patient with x-linked hyper igm syndrome – cd40l deficiency: a case report.” 37th Annual Meeting of the European Society for Paediatric Infectious Diseases - May 6-11, 2019 in Ljubljana, Slovenia
- “Neurodevelopmental outcome in children with congenital cmv infection asymptomatic at birth.” 37th Annual Meeting of the European Society for Paediatric Infectious Diseases - May 6-11, 2019 in Ljubljana, Slovenia
- “CTLA4 DEFICIENCY: A TRICKY DIAGNOSIS DUE TO MULTIFACETED CLINICAL MANIFESTATIONS.” 2019 Focused Meeting of European Society for Immunodeficiencies. Brussels 18-21 September, 2019
- “Refractory/relapsed autoimmune cytopenias in primary immunodeficiency diseases” 2018 Meeting of European Society for Immunodeficiencies. Lisbon 24--27 October 2018
- “Autoimmunity and its association with t cell and b cell subsets abnormalities in patients with del22q11.2 syndrome”. 2018 Meeting of European Society for Immunodeficiencies. Lisbon 24--27 October 2018
- “Novel compound heterozygous il7r mutations in a 15 months old girl presenting with normal lymphocyte count and marked hypergammaglobulinemia” 2018 Meeting of European Society for Immunodeficiencies. Lisbon 24--27 October 2018
- Analysis of gut microbiota composition in ART-treated perinatally HIV-infected patients reveal a distinct profile associated with inflammatory and cardiac biomarkers” 4th International Workshop on Microbiome in HIV Pathogenesis, Prevention and Treatment,Rockville, Maryland, USA - 16th and 17th October 2018

- “Autoimmunity and its association with t cells and b cell subsets in patients with del22q11.2 syndrome” 11th Biennial International 22q11.2 Conference. July 11th- 13th, Whistler, BC, Canada
- Immunological markers of protection in infants with Respiratory Syncytial Virus (RSV) bronchiolitis: is there role for peripheral T follicular cells (pTFH)? European Society for Paediatrics Infectous Diseases. Malmo, Sweden, May 28 – June 1 2018
- “Hyper IgE Syndrome and Dock8 Deficiency: the case Of A 2-year-old albanian female” 2017 Meeting of European Society for Immunodeficiencies. Edinburgh 11-14 September 2017
- “Clinical and immunological presentation in STAT3 Hyper IgE syndrome. Report from an Italian Pediatric Centre”. 2017 Meeting of European Society for Immunodeficiencies. Edinburgh 11-14 September 2017
- “New insights on thymic function and t cell development in patients with thymic defects” 2017 Meeting of European Society for Immunodeficiencies. Edinburgh 11-14 September 2017
- “Germinal Center Immune Dynamics in Secondary Lymphoid organs after Influenza Vaccination in Children” Immunology 2017. Washington, USA, May 12-16 2017
- “Is persistent thrombocytopenia a long term sequelae in congenital CMV infection”. European Society for Paediatrics Infectous Diseases. Dublin, Ireland, May 6-10 2014

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- "Gram-negative bloodstream infections in a tertiary-care paediatric hospital in 2011: epidemiology and outcome". European Society of Clinical Microbiology and Infectious disease. Berlin, Germany, 27-30 April 2013
- "Serum soluble st2 as diagnostic marker of bacterial sirs in children". European Society for Paediatrics Infectous Diseases. Milano, Italy, May 28 – June 1, 2013
- "Ruolo dell'SST2 nella diagnosi precoce di sepsi in una popolazione pediatrica". Accettato per presentazione poster all'11° *Congresso Nazionale Società Italiana di Malattie Infettive e Tropicali. Chieti-Pescara, 17-20 Ottobre 2012*
- "Markers of early diagnosis and prognosis in pediatric sepsis (MARS): rational of our prospective study". Accettato per presentazione poster al 30th Annual Meeting of the European Society for Paediatrics Infectous Diseases. Thessaloniki, Greece, May 8-12, 2012.
- "Two pediatric cases of Granulicatella endocarditis successful treated with meropenem". Accettato per presentazione poster al 30th Annual Meeting of the European Society for Paediatrics Infectous Diseases. Thessaloniki, Greece, May 8-12, 2012.
- "Prospective observational study on current practice in suspected septic children admitted to a pediatric hospital". Accettato per presentazione poster al 30th Annual Meeting of the European Society for Paediatrics Infectous Diseases. Thessaloniki, Greece, May 8-12, 2012.
- *"Sudden septic shock in a heart transplant adolescent". Accettato per presentazione poster al 30th Annual Meeting of the European Society for Paediatrics Infectous Diseases. Thessaloniki, Greece, May 8-12, 2012.*
- *"Studio osservazionale prospettico sulla gestione clinica dei bambini con sospetta sepsi ammessi in un ospedale pediatrico italiano". 12° Congresso Nazionale Società Italiana Infettivologia Pediatrica. Firenze, 22-24 Marzo 2012*.
- *"Marker di diagnosi precoce e di prognosi della sepsi in età pediatrica (MARS): razionale del nostro studio prospettico". 12° Congresso Nazionale Società Italiana Infettivologia Pediatrica. Firenze, 22-24 Marzo 2012.*
- *Abstract: "Parotite ricorrente: una patologia ad eziologia non esclusivamente infettiva". Accettato per presentazione poster al 12° Congresso Nazionale Società Italiana Infettivologia Pediatrica. Firenze, 22-24 Marzo 2012.*
- *Abstract: "Nuove diagnosi di infezione da HIV in età pediatrica: fine o inizio di un'epoca?" Accettato per presentazione poster al 12° Congresso Nazionale Società Italiana Infettivologia Pediatrica. Firenze, 22-24 Marzo 2012.*
- *Abstract: "Hypophosphatemia and Hypokalemia signs of tubular damage in HIV infected children receiving tenofovir disoproxil fumarate (TDF) plus protease inhibitors (PI)". Accettato per presentazione poster al 29th Annual Meeting of the European Society for Paediatric Infectious Diseases. The Hague, The Netherland, June 7-11, 2011.*
- *Abstract: "Trattamento antiretrovirale e funzionalià renale nei bambini HIV-infetti: ruolo del TDF e dei PIs boosted " 9° Congresso Nazionale SIMIT. Roma, 24-27 Novembre 2010.*
- *Abstract " Antiretroviral treatment and renal function in HIV infected children: role of TDF and boosted PI". Accepted as poster at 2nd International Workshop on HIV Pediatrics. 16-17 July 2010, Vienna, Austria.*

BOOK CHAPTER

- *Quaderni Scientifici Associazione Immunodeficienze Primitive (AIP)*
  Sindrome da delezione 22q11.2 – Sindrome di Digeorge - Sindrome velo-cardio-facciale

Presentation at National and International Meetings

- *ONSP DAYS XIX Congresso. Roma 16-19 Ottobre 2024 (Osservatorio Nazionale Specializzandi in Pediatria)*
- *Similarities and differences between Myocarditis Following COVID-19 mRNA Vaccine and Multiple Inflammataory syndrome with cardiac Involvement. FOCIS - Federation of Clinical Immunology Societies, Boston, MA, USA – June 20-23, 20233*
- *Infezione congenita da Cytomegalovirus: gestione della diade madre-bambino. Ospedale Pediatrico Bambino Gesù, Roma, 20 marzo 2023*
- *BIOMARKERS OF THE FUTURE 2022. 4th Edition. Virtual Conference 15-16 November 2022*
- *Conoscere, riconoscere e gestire le immunodeficienze primitive; un lavoro di squadra. BOLOGNA, 10 maggio 2019*

- *Nascere all'isola: innovazione nel solco della tradizione. Ospedale San Giovanni Calibita Fatebenefratelli Roma,24 settembre 2020*
- *Allergia e Immunodisregolazione nelle immunodeficienze primitive. Ospedale Pediatrico Bambino Gesù, Roma, 29/11/2021*
- *Dal Macro al Micro. Allestimento di preparati per la microscopia. Ospedale Pediatrico Bambino Gesù, Roma, 23-24 ottobre 2018*
- *Immunità e Infezione. Roma 7 Ottobre 2019*
- *Percorsi Clinico assistenziali in pediatria: confronti al letto del malato" Roma 15-19 aprile 2019*

PERSONAL SKILLS AND COMPTENCES	Pediatric Basic Life Support and Defibrillation" instructor from 2013 "Pediatric Advanced Life Support" provider Informatic: Office, Pubmed, GraphPad, Imaris, EpiInfo, Illustrator, FlowJo, NIS, Leica suites, NPX Manager. Cellular biology: Cells activation, Elisa, Flowcytometry, Confocal Microscopy, Histocytometry, Proteomic

Mother Tongue	Italian
Other Luanguages	English
Reading skills	Effective Operational Proficiency
Writing Skills	Effective Operational Proficiency
Verbal Skills	Effective Operational Proficiency

Si dichiara che quanto riportato corrisponde a verità, ai sensi degli articoli 46 e 47 del D.P.R. 445 del 2000

I authorize the treatment of my personal data art. 13 GDPR (RU 2016/679). *Donato Amodio*