



Daniele Zama

Date of birth: 10/08/1981 | **Nationality:** Italian | **Phone number:** (+39) 3294126741 (Mobile) |

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Address: Via Massarenti, 9, 40138, Bologna, Italy (Work)

WORK EXPERIENCE

ASSOCIATE PROFESSOR – ALMA MATER STUDIORUM - UNIVERSITÀ DI BOLOGNA – 10/10/2024 – Current – BOLOGNA, ITALY

SENIOR ASSISTANT PROFESSOR – UNIVERSITY OF BOLOGNA – 11/10/2021 – 09/10/2024 – BOLOGNA, ITALY

- Pediatric Emergency Unit c/o IRCCS AOU Policlinico di S. Orsola

MEDICAL DOCTOR – IRCCS AOU POLICLINICO DI S. ORSOLA – 13/03/2017 – 10/10/2021 – BOLOGNA, ITALY

- Pediatric Oncology and Hematology Unit c/o IRCCS AOU Policlinico di S. Orsola

MEDICAL DOCTOR – A.G.E.O.P. RICERCA ONLUS – 01/06/2014 – 12/03/2017

- Pediatric Oncology and Hematology Unit c/o IRCCS AOU Policlinico di S. Orsola

RESEARCH FELLOW – UNIVERSITY OF BOLOGNA – 01/06/2013 – 31/05/2014 – BOLOGNA, ITALY

- Pediatric Oncology and Hematology Unit c/o IRCCS AOU Policlinico di S. Orsola

PEDIATRIC RESIDENT – UNIVERSITY OF BOLOGNA – 20/03/2008 – 20/03/2013 – BOLOGNA, ITALY

- University of Bologna c/o IRCCS AOU Policlinico di S. Orsola

FELLOWSHIP – UNIVERSITY OF BOLOGNA – 15/07/2006 – 20/03/2008 – BOLOGNA, ITALY

- Neonatology Unit c/o IRCCS AOU Policlinico di S. Orsola

EDUCATION AND TRAINING

01/03/2013 – 27/06/2016 Bologna, Italy

PHD University of Bologna

Website www.unibo.it

01/10/2000 – 14/07/2006 Bologna, Italy

MD University of Bologna

Website www.unibo.it

20/03/2008 – 20/03/2013 Bologna, Italy

SPECIALIZATION IN PEDIATRICS University of Bologna

Website www.unibo.it

● LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B1	B1	B1	B1	B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● SKILLS

Microsoft Office | Social Media | Microsoft Word | Microsoft Excel

● CONFERENCES AND SEMINARS

09/06/2010 – 12/06/2010 Istanbul

KEYNOTE SPEAKER

"Non-acid more than acid gastro-oesophageal reflux (GOR) triggers GOR-induced apnoeas in very preterm infants".
43th Annual meeting of European Society of Pediatric Gastroenterology Hepatology and Nutrition.
Journal of pediatric gastroenterology and nutrition 2010; 50(7): E211

Link <https://www.unibo.it/sitoweb/daniele.zama2>

29/04/2011 – 01/05/2011 Sorrento - Italy

KEYNOTE SPEAKER

"Il reflusso gastro-esofageo nel neonato pretermine" Meeting: "National meeting of Neonatology and Paediatrics",
Italian Association for the Care in Perinatology .

Link <https://www.unibo.it/sitoweb/daniele.zama2>

11/11/2011 – 13/11/2011 Riccione - Italy

KEYNOTE SPEAKER

"EBV-related post-transplant lymphoproliferative disorder such as large B-cell lymphoma" National Congress: "The days
of the Italian Association of Pediatric Hematology and Oncology."

Link <https://www.unibo.it/sitoweb/daniele.zama2>

15/11/2012 – 17/11/2012 Torino - Italy

KEYNOTE SPEAKER

"Hyperbaic Oxygen Therapy in hemorrhagic cystitis after hematopoietic stem cell transplantation in pediatric patients"
XX SIMSI National Congress

Link <https://www.unibo.it/sitoweb/daniele.zama2>

24/05/2015 – 26/05/2015 Lecce - Italy

KEYNOTE SPEAKER

"Specific trajectories of intestinal microbiota reconstruction in pediatric patients with acute GVHD undergoing
allogeneic hematopoietic stem cell transplantation."
XL National Congress of AIEOP, Italian Association of Pediatric Hematology Oncology

05/05/2016 – 06/05/2016 Bologna - Italy

KEYNOTE SPEAKER

"The role of the microbiota in the development of acute intestinal GvHD." X CONGRESS OF THE GITMO SOCIETY
organized by GITMO (Italian Group for Bone Marrow Transplantation, Hematopoietic Stem Cells and Cellular Therapy).

16/11/2016 – 19/11/2016 Florence - Italy

KEYNOTE SPEAKER

"Metagenomic analysis of gut microbiota in pediatric hematopoietic stem cell transplantation highlights significant differences in patients with GVHD". ITALIAN PEDIATRICS CONGRESS, organized by the Italian Society of Pediatrics.

14/06/2018 – 15/06/2018 Trieste - Italy

KEYNOTE SPEAKER

"The Child with Seizure". MANAGEMENT OF CRITICAL ONCOLOGICAL CHILDREN, organized by the ITALIAN ASSOCIATION OF HEMATOLOGY PEDIATRIC ONCOLOGY - SUPPORTIVE THERAPY WORKING GROUP.

23/11/2018 – 24/11/2018 Florence - Italy

KEYNOTE SPEAKER

"The Iron Balance". 23rd Conference The Pediatric Conference - "Penguins"

28/06/2019 – 28/09/2019 Bologna - Italy

KEYNOTE SPEAKER

"Gut Microbiota Trajectory in pediatric patients undergoing hematopoietic stem cell transplantation" Workshop: "Microbiota and Pediatric Hematopoietic Stem cell Transplantation"

01/07/2020 – 01/07/2020 Webinar

KEYNOTE SPEAKER

"Biologic Drugs and plasma" - Wednesday of the SIP - Italian Paediatrics Society

27/11/2020 – 28/11/2020 Webinar

KEYNOTE SPEAKER

"The use of plasma" – session: GdS Pediatric Pharmacology – congress: "Italian Pediatrics and the SARS-CoV-2 pandemic".

14/03/2021 – 17/03/2021 On-Line

KEYNOTE SPEAKER

"ENTERAL NUTRITION PROMOTES THE RECOVERY OF GUT MICROBIOME HOMEOSTASIS AND PROTECTS FROM BLOODSTREAM INFECTIONS IN CHILDREN RECEIVING ALLOGENEIC HEMATOPOIETIC STEM CELL TRANSPLANTATION" EBMT 2021" - EUROPEAN BONE MARROW TRANSPLANTATION MEETING

15/10/2021 – 15/10/2021 Bologna - Italy

KEYNOTE SPEAKER

"The role of Blinatumomab in the transplant strategy: Clinical evidence in pediatric and adult settings" – Meeting: "A perspective for ALL: pediatric and adult patients mirroring"

12/01/2022 – 12/07/2022 Webinar

KEYNOTE SPEAKER

"Antibiotic therapy in cancer and transplant patients" – cycle of webinar promoted by Italian Society of Pediatric Infectious Diseases: "THE REASONABLE USE OF ANTIBIOTIC THERAPY IN INFECTIONS IN PEDIATRIC AGE: WHAT'S NEW IN THE ERA OF COVID-19:

13/01/2022 – 13/01/2022 Webinar

KEYNOTE SPEAKER

"Necrotizing Fasciitis and Pseudomonas Aeruginosa" - Webinar: "Pediatric infections in Pediatric Oncohematology"

23/03/2022 – 23/03/2022 PRAGUE

KEYNOTE SPEAKER

"The gut microbiota and HSCT: potential roles and impacts on transplant outcomes" – Session "Modulation of microbiome pre-, peri- and post-transplant – is it time to become routine practice?" - EBMT

18/05/2022 – 22/05/2022 Sorrento - Italy

KEYNOTE SPEAKER

"Lactoferrin supplementation during induction chemotherapy in pediatric patients with leukemia / lymphoma promotes gut microbiota eubiosis" - 77th ITALIAN CONGRESS OF PEDIATRICS

31/03/2022 – 31/03/2022 Webinar

KEYNOTE SPEAKER

"Microbiome of childhood and adolescence" – Winter School UNIBO titled: "THE MICROBIOTA, A NEW TARGET FOR HEALTH"

01/09/2022 – 03/09/2022 Busan - Korea

KEYNOTE SPEAKER

Session: "New insights of microbiome in HSCT" – title of the relationship: "Insights into the Role of Gut Microbiota in HSCT: GVHD and Infection" – The International Congress of BMT 2022 - 27th Annual Congress of KSBMT (ICBMT)

16/12/2023 – 17/12/2023 Ancona - Italy

KEYNOTE SPEAKER

"The microbiota in acute and recurrent respiratory pathology". Pediatric Meeting - FORUM 2022.

24/01/2023 – 26/01/2023 Florence - Italy

KEYNOTE SPEAKER

"Off-label drugs in pediatrics" – Session: "Clinic Pharmacology – "XVIII Congresso Nazionale della SITIP Società Italiana di Società Italiana di Infettivologia Pediatrica Prendiamoci cura del futuro"

14/06/2023 – 14/06/2023 Webinar

KEYNOTE SPEAKER

"Impetigo: Indications for systemic therapy and management of any complications." The Wednesday of the Italian Pediatrics Society

07/10/2023 – 07/10/2023 Bologna - Italy

KEYNOTE SPEAKER

"Cervical swelling, epidemiology and level I and II diagnostic screening" in occasion of the meeting: "Pathology of the neck and upper airways in pediatric age: an integrated multidisciplinary management"

21/10/2024 – 26/10/2024 VIETRI SUL MARE (SA) - Italy

KEYNOTE SPEAKER

"Short or long therapy? The new evidence". 2nd HIGHER SCHOOL OF PEDIATRICS VACCINATIONS/INFECTIOUS DISEASES ANTIBIOTIC/PNEUMO-CLINICAL FOCUS - Italian Society of Pediatrics

06/02/2025 – 06/02/2025 FAD On Line "Antimicrobial stewardship and diagnostics in paediatric care"

KEYNOTE SPEAKER

"The Paediatric Emergency Room", Module "The Antimicrobial stewardship and diagnostics in different care settings

18/03/2025 – 20/03/2025 Naples - Italy

KEYNOTE SPEAKER

"Applicability of AI in infectious diseases". XIX National Congress of the Italian Society of Paediatric Infectiology

11/04/2025 – 12/04/2025 Bologna - Italy

KEYNOTE SPEAKER

"Real time pediatrics – in the Emergency Room". The Doctor and Child Days

28/11/2025 – 29/11/2025 Reggio Emilia - Italy

KEYNOTE SPEAKER

"ANTIBIOTICS: INTELLIGENT USE IN AGE PEDIATRICS. From Theory to Practice"

● PUBLICATIONS

SCIENTIFIC PUBLICATIONS

Author or co-author in more than 120 publications on international peer review journal indexed on SCOPUS
Author or co-author in 7 books chapter

ORCID ID: 0000-0002-9895-5942

Scopus ID: 35276695500

Web of Science ID: B-7055-2013

Scopus bibliometric indicators:

- Documents: 126
- H-Index 29
- Citations: 2469

Publications

● HONOURS AND AWARDS

12/06/2010

Young investigator award – ESPGHAN (European Society of Paediatric Gastroenterology, Hepatology and Nutrition.)

01/03/2016

Grant Post-Doctoral Fellowship – Fondazione Umberto Veronesi

Project: “The role for gut microbiota in pediatric patients undergoing hematopoietic stem cell transplantation”.

16/11/2016

Oral Communication – Italian Society of Pediatrics

Title of the communication_ "Analisi metagenomica del microbiota intestinale nel trapianto di cellule staminali ematopoietiche pediatrico evidenzia differenze significative nei pazienti con GVHD”

21/01/2020

National Scientific Abilitation for Associate Professor – Italian Ministry of University and Research (MIUR)

SECTOR 06/G1:GENERAL AND SPECIALIST PEDIATRICS AND CHILD NEUROPSYCHIATRY

11/12/2023

National Scientific Abilitation for Full Professor – Italian Ministry of University and Research (MIUR)

SECTOR 06/G1:GENERAL AND SPECIALIST PEDIATRICS AND CHILD NEUROPSYCHIATRY

● EDITOR AND REVIEWER FOR INTERNATIONAL SCIENTIFIC JOURNALS

Editor and Reviewer for International Scientific Journals

Regular and continuous activity as reviewer for international scientific journal and scientific societies

REVIEWER FOR INTERNATIONAL JOURNALS

Frontiers in Pediatrics, Minerva Pediatrica, Journal of Internal Medicine, Italian Journal of Pediatrics, Nutrients, Pediatric Blood and Cancer, Annals of Transplantation, Archivum Immunologiae et Therapiae Experimentalis, Blood and Marrow Transplantation, British Journal of Haematology, Case Reports in Hematology, Case Reports in Medicine, Frontiers in Microbiology, Frontiers in Neurology, Minerva Medica, Pediatric Transplantation.

REVIEWER FOR PEER-REVIEW-BASED NATIONAL COMPANY RESEARCH PROJECTS

- Grant application “Reumafonds ” - Dutch Arthritis Association. July 2013
- Grant application Dutch Cancer Society (KWF). December 2020

EDITOR FOR INTERNATIONAL MAGAZINES

- Topic Editor - Transplantology (ISSN:2673-3943)

- Associated Editor Frontiers in Pediatrics - section Pediatric Hematology and Hematological Malignancies (ISSN: 2296-2360)

- Associated Editor Children (ISSN 2227-9067).

- Topic Editors for the Special Article collection on: Case Reports in Pediatric Hematology and Hematological Malignancies 2022: Frontiers in Pediatrics - Section Pediatric Hematology and Hematological Malignancies.

- Topic Editors for the Special Article collection on: Health Informatics in Pediatric Gastroenterology, Hepatology & Nutrition 2023. Frontiers in Pediatrics - Section Pediatric Gastroenterology, Hepatology and Nutrition

● NETWORKS AND MEMBERSHIPS

01/01/2012 – 31/12/2015

Secretarian of the Hematopoietic stem cell transplantation Working Group - Associazione Italiana di Ematologia ed Oncologia Pediatrica (AIEOP)

01/01/2013 – CURRENT

Member of the Infectious Disease and Supportive Care Working Group - Associazione Italiana di Ematologia ed Oncologia Pediatrica (AIEOP)

The activities of the group are aimed at optimizing supportive and anti-infectious disease therapy in the field of Pediatric Hematology and Oncology, which has led to the production of articles published in international journals.

01/01/2016 – 31/12/2021

Member of the national and international group SEIFEM (Sorveglianza epidemiologica delle infezioni nelle malattie ematologiche)

The group benefits from the contribution of microbiologists, infectologists, pharmacologists and immunologists with the aim of improving knowledge of infectious problems in patients with acute and chronic leukemia, lymphoma, myeloma and patients undergoing stem cell transplantation.

01/06/2019 – 02/11/2023

Study Group on Pediatric Pharmacology - Italian Society of Pediatrics

01/01/2008 – CURRENT

Member of the Italian Paediatric Society

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01/01/2011 – 01/01/2021

Member of Italian Association of Pediatric Hematology and Oncology (AIEOP)

01/01/2021 – CURRENT

Member of Italian Society of Pediatric Infectious Diseases (SITIP)

From 2023 member of the board of directors

01/01/2011 – 01/01/2021

Member of European Hematology Association (EHA)

● TRAINING COURSES

REGULAR AND CONSTANT PARTECIPATION IN TRAINING COURSES

• The 3rd annual training course for paediatricians and pediatric nurses on Hematopoietic stem cell transplantation in children and adolescents. May 31st, June 1st, 2nd, 3rd 2011 at the Badia della Castagna, Genoa. European Society for Blood and Marrow Transplantation.

• Controversies in stem cell transplantation and cellular therapies (COSTEM). 8-11/09/2011. Berlin.

• The Immunobiology Working Party Educational Event. 28-29/09/2013. Perugia. European Society for Blood and Marrow Transplantation.

• 55th ASH® Annual Meeting and Exposition at New Orleans, Louisiana on December 7-10, 2013.

• EPILS – European Pediatric Immediate Life Support. 09/30/2013. Bologna. Italian Resistance Council.

- Mass training Cardiopulmonary resuscitation for healthcare workers. 01/12/2012. Bologna. AMIETIP - Emergency medical and nursing academy and pediatric intensive care.
- EHA Pediatric Course 2015. 08-11/04/2015. Sorrento. European Haematology Association
- EPILS – European Pediatric Advance Life Support. 23-24/11/2015. Bologna. Italian Resistance Council.
- EPILS – European Pediatric Advance Life Support. 23-24/10/2020. Bologna. Italian Resistance Council.
- SIMEUP (Italian Society of Emergency Medicine and Pediatric Urgency) – POINT-OF-CARE ULTRASOUND In pediatric emergency-urgency. Bologna 10/13/2022
- Simulation of Neuropsychiatric emergencies in Pediatrics. Meyer Health Campus. Florence 17-18/05/2023

● **TEACHING - UNIVERSITY**

TEACHING - UNIVERSITY

1) General and Specialised Paediatrics - Module of General and Specialist Pediatrics - Medical Genetics (I.C.)
Degree Programme: Single cycle degree programme (LMCU) in Medicine and Surgery

2) General and Specialist Pediatrics and Neonatology (Module 2) - Module of In-depth Studies Applied to Medical-Surgical Sciences
Degree Programme: Second cycle degree programme (LM) in Nursing and Midwifery Sciences

3) Paediatrics - 2 cfu - Module of Clinical Management of Movement Disorders in Paediatrics (I.C.)
Degree Programme: First cycle degree programme (L) in Physiotherapy

4) Paediatrics and Neonatology - - Module of Maternal/Child Clinical Science (I.C.)
Degree Programme: First cycle degree programme (L) in Nursing

5) Pediatrics - Module of Medicine (C.I.)
Degree Programme: First cycle degree programme (L) in Podiatry

6) Rare Disease - Module of Biological Drugs and Rare Diseases (I.C.)
Single cycle degree programme (LMCU) in Pharmacy

7) INTRODUZIONE AL TIROCINIO - Single cycle degree programme (LMCU) in Medicine and Surgery

Link <https://www.unibo.it/sitoweb/daniele.zama2/teachings>

● **PROJECTS**

14/06/2019 – 01/06/2022

Use of iPSCs as a study model for Gaucher disease

Co-investigator of the trial promoted by the Department of Medical and Surgical Sciences (DIMEC) of the University of Bologna.

Composition of gut microbiota and impact on immune system recovery and acute graft versus host disease in pediatric patients undergoing hematopoietic stem cell transplantation

Role: Head of local operational unit in the multicentre project financed by the Ministry of Health as part of the 2013 Finalized Research - Young Researcher.

Project Coordinator: Prof. Ricardo Masetti University Hospital of Bologna - Policlinico di S.Orsola . Project Code: Finalized Research Call 2013, code GR-2013-02357136 (Amount 339.508 Euro).

06/07/2022 – CURRENT

The Room of Dreams

Principal Investigator of the national research project "The Room of Dreams", admitted to funding on the basis of a competitive call involving peer review issued by the Carisbo Foundation "Medical Research and High Technology 2022" - 06/07/2022 - today

● **SPECIFIC PROFESSIONAL EXPERIENCE CHARACTERIZED BY RESEARCH ACTIVITIES**

SPECIFIC PROFESSIONAL EXPERIENCE CHARACTERIZED BY RESEARCH ACTIVITIES

- Supervisor and co-supervisor on more than 20 degree theses in Medicine and Surgery, Nursing, Medicine and Surgery at the University of Bologna from 01-06-2015 to today:

- Co-supervisor for the specialization theses in Pediatrics - University of Bologna

• TUTOR – ASSESSOR of MEDICAL CLINIC for the University of Bologna for candidates for the Qualification Examination to practice as a Doctor-Surgeon.

● **HOBBIES AND INTERESTS**

Cycling and basketball

● **MANAGEMENT AND LEADERSHIP SKILLS**

Sub-Investigator c/o Center of Bologna

Title of the international study: "A Phase 2 Multi-Center, Historically-Controlled Study of Dasatinib Added to Standard Chemotherapy in Pediatric Patients with Newly Diagnosed Philadelphia Chromosome" Positive Acute Lymphoblastic Leukemia EUDRACT Number 2011-001123-20

Principal Investigator

Title of the italian multicenter study: "ASSESSMENT OF THE CHARACTERISTICS OF THE CASES OF POSTERIOR REVERSIBLE ENCEPHALOPATHY SYNDROME IN CHILDREN WITH ONCOHEMATOLOGY". The results have been published on Eur J Haematol. 2018 Jan;100(1):75-82 dal 28-04-2015 al 01-01-2018

Sub-Investigator c/o Center of Bologna

Title of the italian multicenter study: "OPEN LABEL, MULTI-CENTRE, PARALLEL GROUP STUDY TO COMPARE THE PHARMACOKINETICS (PK), PHARMACODYNAMICS (PD) AND SAFETY OF FEBUXOSTAT BETWEEN PEDIATRIC PATIENTS ($\geq 6 < 18$ YEARS OF AGE) AND ADULTS" EudraCT-Number: 2016-001445-61

Sub-Investigator c/o Center of Bologna

Title of the italian multicenter trial phase-II study: "Phase II study for the prophylaxis of febrile neutropenia by supplementation with Lactoferrin in oncohaematological children undergoing chemotherapy treatment"

Sub-Investigator c/o Center of Bologna

Title of the international multicenter study "European Network-Paediatric Hodgkin's Lymphoma Study Group (EuroNet-PHL) Second International Inter-Group Study for Classical Hodgkin's Lymphoma in Children and Adolescents"

Sub-Investigator c/o Center of Bologna

Title of the International study "Risk-based, response-adapted, Phase II open-label trial of nivolumab + brentuximab vedotin (N + Bv) for children, adolescents, and young adults with relapsed/refractory (R/R) CD30 + classic Hodgkin lymphoma (cHL) after failure of first-line therapy, followed by brentuximab + bendamustine (Bv + B) for participants with a suboptimal response. CheckMate 744: CHECKpoint pathway and nivolumab clinical Trial Evaluation" EUDRACT Number 2016-002347-41

Principal Investigator

Title of the national multicenter study "RETROSPECTIVE STUDY ON THE USE OF RENAL REPLACEMENT THERAPY IN PEDIATRIC HEMATOLOGY ONCO PATIENTS", published on Leuk Lymphoma. 2022 Dec;63(12):2923-2930.

Sub-Investigator c/o Center of Bologna

Title of the italian monocenter study: "Prognostic value of Presepsin in febrile neutropenia in pediatric patients with oncohaematological disease", published on Sci Rep. 2023 Apr 20;13(1):6464.

Principal Investigator

Title of the Project: "Relationship between viral load, host immune reaction, microbiota and clinical course of acute bronchiolitis in children under 12 months of age", data of this projects have been published on Front Cell Infect Microbiol. 2023 Aug 23;13:1193113. and on Pathogens. 2023 Apr 27;12(5):645.