

Prof. Vassilios Fanos

Editor-in-Chief of the *Journal of Pediatric and Neonatal Individualized Medicine* (www.jpnm.com)



Photo by Anders Holmqvist

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Vassilios Fanos

Anagraphic Data

- Date of birth: August 22nd, 1957
- Place of birth: Medicina (Bologna), Italy

Education and Training

- MD degree: 1982 with full marks at the Padua University School of Medicine and Surgery.
- Postgraduate degrees: 1) Pediatrics, 2) Neonatal Pathology and Intensive Care, 3) Health Organization, all of them with full marks at the Verona University School of Medicine and Surgery.
- Training: 1981-1983 fellowship at the Pediatric Clinic University of Verona, 1983-1989 grant winner for research in metabolic disease and neonatology at the Pediatric Clinic University of Verona, 1989-1994 Assistant at the Pediatric Clinic University of Verona, 1994-2003 senior Physician at the Pediatric Clinic University of Verona.
- Visiting scientist for six months in 1994 at the Bambin Gesù Hospital Rome.

Employment and Research Experience

- Current position:
 - Full Professor of Pediatrics, University of Cagliari.
 - Director since 2003 of Neonatal Intensive Care Unit, Azienda Ospedaliero Universitaria and University of Cagliari.
 - Director School of Pediatrics, University of Cagliari.
- Past-President of the National Pediatric Commission on Risk Management of the Italian Society of Pediatrics (11,000 members), Member of Vaccines Commission, Pandemic Commission and Perinatal Commission of the Sardinia Region, Cancers Register of the Sardinia Region, Responsible for Research Commission of the Sardinia Region.

Role in Scientific Societies

- President Italian Society Pediatric Psychology (S.I.P.Ped).
- President Italian Society DOHaD (Developmental Origins of Health and Disease).
- President Italian Iraqi Pediatric Society.
- Vice President Italian Arabian Pediatric Society (IAPS).
- Vice President Italian Romanian Pediatric Society.
- Vice President Italian Albanian Pediatric Society.
- Immediate Past President Union of UMEMPS (Middle-Eastern and Mediterranean Pediatric Societies).
- Immediate Past Treasurer of EAPM (European Association of Perinatal Medicine).
- Board Member, Founder, Past Executive Board Member and Scientific Officer of UENPS (Union of European Neonatal and Perinatal Societies).
- Past Executive Board Member of UMENS (Union Mediterranean Neonatal Societies).
- Permanent Member of the International Perinatal Collegium.
- Associated Member and *Magister Medicinae Perinatalis* of the International Academy Perinatal Medicine (IAPM).
- “Italian Knowledge Leader”.
- Effective Member of the European Workshop of Neonatology from more than 15 years.
- Member, Past Secretary (for 6 years), and Past Treasurer (for 3 years) of the Italian Society of Neonatology (2,000 members).
- Past Secretary of the Nephrology Study Group of the Italian Society of Neonatology; Past Councillor of the Italian Society of Pediatric Nephrology; Past Councillor of the Medical Board of the Council Province of Verona. Past President of the Hospital Pediatricians of the Veneto Region.

Awards and Honours

- In 2019, Prof. Fanos resulted 1st in Europe and 2nd in the world for the research in Neonatology and, in 2020, he resulted 1st in the world for the research in Metabolomics, according to Expertscape (www.expertscape.com, which calculates the world ranking of researchers in subspecialties, taking into account the total number of published papers in the last 10 years, the importance of the Journals and the role of the Authors).
- Editor-in-Chief and Founder of the *Journal of Pediatric and Neonatal Individualized Medicine* (JPNIM, www.jpnm.com). JPNIM is peer-reviewed, open access, indexed on SCOPUS and Web of Science. JPNIM is the official Journal of UENPS (Union of European Neonatal and Perinatal Societies), UMEMPS (Union of the Middle-Eastern and Mediterranean Pediatric Societies), the Portuguese Society of Neonatology, the Hellenic Neonatal Society, the Hellenic Society of Perinatal Medicine, the Italian-Romanian Pediatric Society, the Italian Neonatal Nursing Society, the Italian Society of Pediatric Psychology, the Italian Society Hospital Pediatrics. In November 2023, the Journal of Pediatric and Neonatal Individualized Medicine (JPNIM) was awarded a “Journal of high cultural value” prize by the Italian Ministry of Culture.
- Consultant Referee of more than 60 International Journals (including *Lancet*, *PLoS One*, *Acta Paediatrica*, *Pediatric Research*, *Advancement in Genetic Engineering*, *Journal of Pediatrics*, *American Journal of Perinatology*, *Biology of the Neonate*, *Byoanalysis*, *Cytokines*, *Clinical Drug*

Investigation, Clinica Chimica Acta, Critical Care Medicine, Journal of Chemotherapy, Journal of Pediatric Endocrinology and Metabolism, Expert Opinion on Drug Safety, Drugs, Drug Safety, Pediatric Drugs, Expert Opinion on Genomics and Proteomics, Medical and Surgical Pediatrics, Journal of Perinatology, Journal of Biological Regulators, International Journal of Immunopathology and Pharmacology, Journal of Endocrinological Investigation, Clinic, Journal of Pediatric Infectious Disease, Journal of Pediatric Biochemistry, Journal of Maternal-Fetal Neonatal Medicine, Molecules, Acta Pharmacologica Sinica, Pharmaceuticals, World Journal of Clinical Pediatrics, World Journal of Obstetrics and Gynecology, Frontiers of Pathology, Frontiers in Neonatology, Trends in Analytical Chemistry, Expert Review in Obstetrics & Gynecology, Acta Medico-Historica Adriatica).

- Board Member of more than 10 Journals (including *Journal of Chemotherapy, World Journal of Obstetrics and Gynecology, Journal of Maternal-Fetal Neonatal Medicine, World Journal of Clinical Pediatrics, Frontiers of Pathology, Frontiers in Neonatology, Journal of Urology & Research, Austin Journal of Pediatrics*).
- Winner of Awards including the 1st prize in the National Italian Congress of Laboratory Medicine and in Foreign Meetings (1st award in Athens, Resuscitation Meeting, and 1st poster award at AACC Philadelphia 2016).
- Winner of Awards in several countries, including the U.S.A., Greece, Turkey, Romania, Italy. He received many Certificates of Excellence by several International Pediatric Societies.
- More than 140 collaborations in metabolomics, including New York, Washington, Calgary, Cambridge, Porto, Lisbon, Athens, Maastricht, Utrecht, Ankara, Amsterdam, Lyon, Thessaloniki, Vilnius, Pécs, and many other International and National Centers.
- Speaker in more than 400 Congresses (160 International in more than 45 Countries), including several Magistral Lectures. Chairman in several Congresses.
- Organizer of more than 75 Congresses and Workshops, International and National, including an International Course at Ettore Majorana Centre in Erice, 2 World Congresses of Perinatal Medicine, 10 National Congresses of the Italian Society of Neonatology.
- Since 2004, he has been the organizer of the annual International Workshop on Neonatology in Cagliari, Italy (19 editions, with the 20th coming soon), with participation of more than 12,500 participants from 60 Nations with the High patronage of the President of the Italian Republic (6 years) and UNICEF (4 years). Due to the organization of this meeting, Prof. Fanos has been awarded in 2021 as “Italian Knowledge Leader” by the National Institute of Tourism, Convention Bureau Italy under the Patronage of Ministry of Tourism.
- He organized the 40th UMEMP Congress in Cagliari in October 2019, with the participation of speakers from 33 Nations.
- During the lockdown he was invited to give a 30 minutes lecture on “Metabolomics, microbiomics and artificial intelligence” during the 12th European Innovation Summit organized by the European Parliament.
- In March 2023 he has been awarded in Doha (Qatar) as *Magister Medicinae Perinatalis* by the International Academy of Perinatal Medicine.

Area of Scientific Interest

- Neonatology, nephrology, pharmacology, infections, laboratory medicine, immunohistochemistry, metabolomics.

International Agencies for funding

- Referee for several International Agencies for funding, including Italian Ministry of Health, British Medical Council, Portuguese Medical Council, Estonian Research Council, New Zealand Medical Council, South African Medical College, Imperial College – London, Commission of Research of the University of Padua.

Grants

- Coordinator of several multicentre clinical researches in neonatology (some European, several National). Participating as principal investigator in many researches.
- Investigator or coinvestigator in research projects funded by public agencies (Veneto Region, Sardinia Region, University of Verona) or private agencies or pharmaceutical companies (Unicredit Bank, Fondazione Banco di Sardegna, Glaxo GSK, Marion Merrel Dow, Wellspring Corporation, Abbott, Danone, Byosinexus, Valeas, Chr. Hansen, Humana...) for a total of about 750,000 euros.
- In the last 7 years with metabolomics he and his group won 4 European Projects (1 FP7 European Project, 1 Marie Curie project, 1 LIFE project, 1 project named Better4U), 2 PNRR with European grants, 2 CCM Italian projects, 1 PRIN project with a global amount of more than 13,000,000 euros.

Publications

- Author of more than 700 articles (of which 497 on PubMed and 566 on Scopus) in International and National Journals.
- Author of 34 books: 8 in English, the first published book on neonatal nephrology (*Neonatal Nephrology in Progress*), 1 book on history of birth (*Children of the Mother Goddess. History of Mediterranean Neonates*), 1 on *Developmental Nephrology: from embryology to metabolomics*, 1 on *Kidney Development in Renal Pathology*. His last books in English are: *Metabolomics and microbiomics: individualized medicine from the fetus to the adult*, published by Academic Press (Elsevier) in 2017, and *New Technologies and Perinatal Medicine: Prediction and Prevention of Pregnancy Complications*, coauthored with M. Hod, V. Berghella, M. D’Alton, G. Di Renzo and E. Gratacos and published by CRC, London in 2019. The last books in Italian regard Precision Medicine, Diet and Microbiome and the gut, COVID-19 in children and Pioneer bacteria, pillars of health.
- He was also Editor of 13 Proceedings of Congresses (10 in English), Guest Editor in *Journal of Maternal-Fetal Neonatal Medicine, Journal of Chemotherapy, Journal of Pediatric and Neonatal Individualized Medicine, Current Pharmaceutical Design and Current Medicinal Chemistry*.
- Author of several chapters (77) in National books (50) and International books (27), of which the latest titles are: *Comprehensive Pediatric Nephrology; Antifungal Infections; Neonatology; Genomics, Proteomics and Metabolomics in Nutraceuticals and Functional Foods; Metabolomics and Gut Microbiota in Nutrition and Disease*.

Cumulative Impact Factor

- Impact Factor > 1,300

Hirsch Index

- Hirsch Index = 68 (Google Scholar), 52 (Scopus)

Citations

- > 18,200 citations (Google), 11,150 (Scopus)

Coauthors of publications

- Coauthors > 1,000