***MASSIMO PETTOELLO-MANTOVANI, MD, PhD***



**Full Professor of Pediatrics**

***Born: 21.12.1956***

***Citizenship: USA, Italy***

***Languages: Italian, English***

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| **Education: Institution & Location Degree Year Field** |
| *La Sapienza* University, Rome, Italy MD/ *laude* 1983 Medicine*Federico II* University, Naples, Italy Resident 1983-86 Pediatrics *Catholic University of Sacred Heart*, Rome, Italy Fellow 1987 Clin. MicrobiolUniversity of Turin/Naples, Italy PhD 1988 Pediatrics*Albert Einstein Coll. of Medicine, Yeshiva Univ., USA* PhD 1992 Pediatrics***Training:*** 1989-1997 Department of Pediatrics and Laboratory of Immunology, Dept. of Microbiology and Immunology. *Albert Einstein Coll. of Medicine* /Center for AIDS Research, NY, USA 1993 V*irus Biology Section* at Fort Detrick, Maryland - "Laboratory of Tumor Cell Biology" National Cancer Institute, NIH (Bethesda - U.S.A.).  |

**POSITIONS. PROFESSIONAL EXPERIENCE:**

2003-2018 Chair and Chief of Pediatrics, University Hospital and Research Center of *Foggia*, Italy

2003-2007 Visiting, Dept. of Microbiology, Immunology & Pediatrics, AECOM, Yeshiva University, NY, USA

2000-2002 Co-Director, “Research Core Sections of Biohazard”. Center for AIDS Research (CFAR), NY, USA

 at *Albert Einstein College of Medicine*, Yeshiva University, New York. USA

1999-2000 Deputy Director: Clinical Laboratory, Pediatrics. Department of Pediatrics, Division of Allergy &

 Immunology, *Albert Einstein College of Medicine*, Yeshiva University, New York. USA

1997-1999 Principal Investigator - NIH Research for the “Howard Hughes Medical Institute”. AECOM, NY, USA

1993-1996 Research Associate, Dept. Pediatrics, *Albert Einstein Coll. of Medicine*, Yeshiva University, NY, USA

1989-1992 Research Fellow, Dept. Pediatrics, *Albert Einstein Coll. of Medicine*, Yeshiva University, NY, USA

1988 Post-Doc, Department of Pediatrics, Infectious Diseases. “Federico II” University, Naples, Italy

1987 Medical Staff Fellow, Department Microbiology, University of Sacred Heart, Rome, Italy

1983-1986 Medical Staff, Department of Pediatrics, “Federico II” University, Naples, Italy

***Awards and Honors***

2014 - Vice-President: European Pediatric Association – the Union of National European Pediatric Societies and Associations (EPA/UNEPSA)

2011 - Honorary Professor, Russian Center for Children Health, Russian Academy (Moscow, Ru)

2009 - Secretary General: European Pediatric Association– the Union of National European Pediatric Societies and Associations (EPA/UNEPSA)

1997 - Independent Consultant for Science to the Consul General, Italian Consular Mission in NY, USA

1994 - USA qualification as “Outstanding Researcher and Professor” granted by the USA Department of Justice and USA Department of State

**GRANTS FOR SCIENTIFIC RESEARCH**

During the last 25 years Dr. Pettoello-Mantovani received several grants for scientific research from private & public institutions, including the following:

**-** Center for AIDS Research, New York, USA

**-** US National Institute of Health (NIH), USA

**-** Howard Hughes Medical Institute, USA

**-** CNR (National Council for Scientific Research), It

**-** Dept. of Pediatrics University of Naples, It

**-** ISS (Italian National Institute of Health) (AIDS International Project)

**-**  Ministry of University and Scientific Research, It

**-** Regional Government of Apulia, It

- Ministry of Industry, It

***Bibliography***

***Brief Selection from the articles published by M. Pettoello-Mantovani during the last 10 years :***

* Ehrich J, Pettoello-Mantovani M. [Never-Ending Stories, the Loop in Pediatrics-How Many Pediatricians Need to be Trained in European Countries to Keep the Pediatric Workforce Stable?](https://www.ncbi.nlm.nih.gov/pubmed/29703370)

**JOURNAL OF PEDIATRICS.** 2018 May;196:332-333.e3. **Impact Factor: 3.790**

* Santangelo B, Lapolla R, Rutigliano I, Pettoello Mantovani M, Campanozzi A. [Nearly half of the adolescents in an Italian school-based study exceeded the recommended upper limits for daily caffeine consumption.](https://www.ncbi.nlm.nih.gov/pubmed/29512222)

**ACTA PAEDIATRICA.** 2018 Jun;107(6):1055-1059. **Impact Factor: 2.580**

* D'Apolito M, Campanozzi A, Giardino I, Pettoello-Mantovani M. [Levels of inflammatory cytokines from peripheral blood mononuclear cells of children with cow's milk protein allergy.](https://www.ncbi.nlm.nih.gov/pubmed/29483800)

**TURK PEDIATRI ARS.** 2017 Dec 1;52(4):208-212. **Impact Factor: 0.63**

* Hojsak I, Pop TL, Goulet O, Zuccotti GV, Çokuğraş FC, Pettoello-Mantovani M, Kolaček S. [Guidance on the use of probiotics in clinical practice in children with selected clinical conditions and in specific vulnerable groups.](https://www.ncbi.nlm.nih.gov/pubmed/29446865)

**ACTA PAEDIATRICA.** 2018 Jun;107(6):927-937. **Impact Factor: 2.580**

* D'Apolito M, Colia AL, Lasalvia M, Capozzi V, Falcone MP, Pettoello-Mantovani M, Brownlee M, Giardino I.

[Urea-induced ROS accelerate senescence in endothelial progenitor cells.](https://www.ncbi.nlm.nih.gov/pubmed/28641152)

**ATHEROSCLEROSIS.** 2017 Aug;263:127-136. **Impact Factor: 4.467**

* Giardino I, D'Apolito M, Brownlee M, Maffione AB, Pettoello-Mantovani M. [Vascular toxicity of urea, a new "old player" in the pathogenesis of chronic renal failure induced cardiovascular diseases.](https://www.ncbi.nlm.nih.gov/pubmed/29483797)

**TURK PEDIATRI ARS**. 2017 Dec 1;52(4):187-193. **Impact Factor: 0.63**

* Rutigliano I, Vinci R, De Filippo G, d'Apolito M, Giardino I, Macarini L, Pettoello Mantovani M, Campanozzi A.

[Metabolic syndrome, hepatic steatosis, and cardiovascular risk in children.](https://www.ncbi.nlm.nih.gov/pubmed/28336101)

**NUTRITION.** 2017 Apr;36:1-7. **Impact Factor: 3.784**

* Lenton S, Namazova L, Vural M, Pettoello-Mantovani M.

[Improving Community and Primary Care Services for Children, Adolescents, and Their Families in Europe.](https://www.ncbi.nlm.nih.gov/pubmed/28284474)

**JOURNAL OF PEDIATRICS.**. 2017 Jun;185:256-257.e1. **Impact Factor: 3.790**

* McIntosh ED, Janda J, Ehrich JH, Pettoello-Mantovani M, Somekh E.

[Vaccine Hesitancy and Refusal.](https://www.ncbi.nlm.nih.gov/pubmed/27507319)

**JOURNAL OF PEDIATRICS.** 2016 Aug;175:248-249.e1. **Impact Factor: 3.790**

* Morano M, Rutigliano I, Rago A, Pettoello-Mantovani M, Campanozzi A.

[A multicomponent, school-initiated obesity intervention to promote healthy lifestyles in children.](https://www.ncbi.nlm.nih.gov/pubmed/27209213)

**NUTRITION.** 2016 Oct;32(10):1075-80. **Impact Factor: 3.784**

* Pettoello-Mantovani M, Namazova-Baranova L, Ehrich J. [Integrating and rationalizing public healthcare services as a source of cost containment in times of economic crises.](https://www.ncbi.nlm.nih.gov/pubmed/26911573)

**ITAL J PEDIATRICS.** 2016 Feb 24;42:18 **Impact Factor: 1.963**

* Ferrara P, Corsello G, Sbordone A, Nigri L, Caporale O, Ehrich J, Pettoello-Mantovani M.

[The "Invisible Children": Uncertain Future of Unaccompanied Minor Migrants in Europe.](https://www.ncbi.nlm.nih.gov/pubmed/26810103)

**JOURNAL OF PEDIATRICS.** 2016 Feb;169:332-3.e1. **Impact Factor: 3.790**

* d'Apolito M, Pisanelli D, Faletra F, Giardino I, Gigante M, Pettoello-Mantovani M, Goulet O, Gasparini P,

[Genetic analysis of Italian patients with congenital tufting enteropathy.](https://www.ncbi.nlm.nih.gov/pubmed/26684320)

**WORLD JOURNAL OF PEDIATRICS.** 2016 May;12(2):219-24.**Impact Factor: 1.228**

* Pettoello-Mantovani M, Ehrich J, Sacco M, Ferrara P, Giardino I, Pop TL.

[Food Insecurity and Children's Rights to Adequate Nutrition in Europe.](https://www.ncbi.nlm.nih.gov/pubmed/29936968)

**JOURNAL OF PEDIATRICS.** 2018 Jul;198:329-330.e1 **Impact Factor: 3.790**

* D'Apolito M, Du X, Pisanelli D, Pettoello-Mantovani M, Campanozzi A, Giacco F, Maffione AB, Colia AL, Brownlee M, Giardino I. Urea-induced ROS cause endothelial dysfunction in chronic renal failure.

**ATHEROSCLEROSIS.** 2015 Apr;239(2):393-400. **Impact Factor: 4.467**

* Ehrich JH, Tenore A, del Torso S, Pettoello-Mantovani M, Lenton S, Grossman Z.

Diversity of Pediatric Workforce and Education in 2012 in Europe: A Need for Unifying Concepts or Accepting Enjoyable Differences?

**JOURNAL OF PEDIATRICS.** 2015 Aug;167(2):471-6.e4. **Impact Factor: 3.790**

* De Stefano D, Villella VR, Esposito S, Tosco A, Sepe A, De Gregorio F, De Rosa G, Maiuri MC, Pettoello-Mantovani M, Bona G, Kroemer G, Maiuri L, Raia V.

Restoration of CFTR function in patients with cystic fibrosis carrying the F508del-CFTR mutation.

**AUTOPHAGY.** 2014;10(11):2053-**74 Impact Factor: 7.453**

* Wolfe I, Thompson M, Gill P, Tamburlini G, Blair M, van den Bruel A, Ehrich J, Pettoello-Mantovani M, Janson S, Karanikolos M, McKee M. [Health services for children in western Europe.](http://www.ncbi.nlm.nih.gov/pubmed/23541056)

**LANCET.** 2013 Apr 6;381(9873):1224-34 **Impact Factor: 39.207**

* Villella VR, Esposito S, Bruscia EM, Vicinanza M, Cenci S, Guido S, Pettoello-Mantovani M, Carnuccio R, De Matteis MA, Luini A, Maiuri MC, Raia V, Kroemer G, Maiuri L.

[Disease-relevant proteostasis regulation of cystic fibrosis transmembrane conductance regulator.](http://www.ncbi.nlm.nih.gov/pubmed/23686137)

**CELL DEATH and DIFFERENTIATION.** 2013 Aug;20(8):1101-15. **Impact Factor: 8.390**

* Morano M, Colella D, Rutigliano I, Fiore P, Pettoello-Mantovani M, Campanozzi A.Changes in actual and perceived physical abilities in clinically obese children: a 9-month multi-component intervention study.

**PLoS ONE.** 2012;7(12):e50782 - **Impact Factor: 4.092**

* Silano M, Vincentini O, Luciani A, Felli C, Caserta S, Esposito S, Rachela Villella V, Pettoello-Mantovani M, Guido S, Maiuri L. - [Early Tissue Transglutaminase Mediated Response Underlies K562(S) Cells Gliadin - Dependent Agglutination.](http://www.ncbi.nlm.nih.gov/pubmed/22314661)

**PEDIATRIC RESEARCH.** 2012 Feb 7. doi: 10.1038/pr.2012.4. - **Impact Factor: 2.700**

* Luciani A, Villella VR, Esposito S, Gavina M, Russo I, Silano M, Guido S, Pettoello-Mantovani M, Carnuccio R, Scholte B, De Matteis A, Maiuri MC, Raia V, Luini A, Kroemer G, Maiuri L.

[Targeting autophagy as a novel strategy for facilitating the therapeutic action of potentiators on ΔF508 cystic fibrosis transmembrane conductance regulator.](http://www.ncbi.nlm.nih.gov/pubmed/22874563)

**AUTOPHAGY.** 2012 Nov;8(11):1657-72 - **Impact Factor: 7.453**

* Luciani A, Villella VR, Esposito S, Brunetti-Pierri N, Medina D, Settembre C, Gavina M, Pulze L, Giardino I, Pettoello-Mantovani M,, D'apolito M, Guido S, Masliah E, Spencer B, Quaratino S, Raia V, Ballabio A, Maiuri L.

Defective CFTR induces aggresome formation and lung inflammation in cystic fibrosis through ROS-mediated autophagy inhibition.

**NATURE** Cell Biology, 2010; 12:863-875 - **Impact Factor: 20.460**

* D'apolito O, Pianese P, Salvia G, Campanozzi A, Pettoello Mantovani M, Dello Russo A, Corso G.

Plasma levels of conjugated bile acids in newborns after a short period of parenteral nutrition.

**JPEN. JOURNAL OF PARENTERAL AND ENTERAL NUTRITION**. 2010;34:538-541-**Impact Factor: 3.285**

* D’Apolito M, Du X, Zong H, Catucci A, Maiuri L, Travisano T, Pettoello-Mantovani M, Campanozzi A, Raia V, Pessin J, Brownlee M & Giardino I

Urea-induced ROS generation causes insulin resistance in chronic renal failure*.*

**JOURNAL of CLINICAL INVESTIGATION**. 2010; 120:203-213 - **Impact Factor: 13.069**

* Maiuri L, Luciani A, Villella VR, Vasaturo A, Giardino I, Pettoello-Mantovani M, Guido S, Cexus ON, Peake N, Londei M , Quaratino S, - Lysosomal accumulation of gliadin   p31-43 peptide induces oxidative stress and Tissue Transglutaminase mediated PPARγ downregulation in intestinal epithelial cells and coeliac mucosa

**GUT.** 2010; 59:311-319. - **Impact Factor: 10.111**

* Luciani A, Villella VR, Vasaturo A, Giardino I, Raia V, Pettoello-Mantovani M, D'Apolito M, Guido S, Quaratino S, Maiuri L - [SUMOylation of tissue transglutaminase as link between oxidative stress and inflammation.](http://www.ncbi.nlm.nih.gov/pubmed/19625650?ordinalpos=1&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DefaultReportPanel.Pubmed_RVDocSum)

**JOURNAL of IMMUNOLOGY**. 2009;183:2775-84 - **Impact Factor: 5.185**

* Campanozzi A, Boccia G, Pensabene L, Panetta F, Marseglia A, Strisciuglio P, Barbera C, Magazzu G, Pettoello Mantovani M, Staiano A- Prevalence and natural history of gastroesophageal reflux:pediatric prospective survey.

**PEDIATRICS.** 2009; 123:779-783 - **Impact Factor: 5.437**

* Campanozzi A, Russo M, Cantucci A, Rutigliano I, Canestrino G, Giardino I, Romondia A, Pettoello Mantovani M

Hospital-acquired malnutrition in children with mild clinical conditions.

**NUTRITION.** 2009; 25:540-547 - **Impact Factor: 3.025**

* Maiuri L, Luciani A, Giardino I, Raia V, Villella Vr, Ciccolella M, D'apolito M, Pettoello Mantovani M, Guido S, Ciacci C, Cexus On, Londei M, Quarantino S - Tissue Transglutaminase activation modulates inflammation in Cystic Fibrosis via PPAR-gamma downregulation.

**JOURNAL of IMMUNOLOGY.** 2008; 180:7697-7705 - **Impact Factor: 5.185**

* Pianese P, Salvia G, Campanozzi A, D'apolito O, Dello Russo A, Pettoello Mantovani M, Corso G

Sterols profiling in red blood cell membranes and plasma of newborns receiving total parenteral nutrition.

**JOURNAL of PEDIATRIC GASTROENTEROLOGY and NUTRITION.**2008;47:645-651 **Impact Factor: 2.298**

* Maiuri L, Luciani A, Giardino I, Raia V, Villella VR, D'Apolito M, Pettoello-Mantovani M, Guido S, Ciacci C, Cimmino M, Cexus ON, Londei M, Quaratino S.

[Tissue transglutaminase activation modulates inflammation in cystic fibrosis via PPARgamma down-regulation.](https://www.ncbi.nlm.nih.gov/pubmed/18490773)

**JOURNAL OF IMMUNOLOGY.** 2008 Jun 1;180(11):7697-705. **Impact Factor: 5.185**