Curriculum dr. Matilde Valeria Ursini

Education & Training

1980, Naples, University of Federico II, Degree in Biological Science– Summa cum laude

1977 – 1981, Naples, International Institute of Genetics and Biophysics, Pre-doctoral associate

1981-1982, Lyon (France), Université de Lyon I, Laboratory of Prof. Victor Nigon, Post Doctoral research fellow

1982 - 1988, Naples, Department of Molecular and Cellular Pathology and Biology, Federico II University of Naples, Post Doctoral research fellow

Employment, research experience and appointments

1985, Bethesda, MD USA, Guest scientist at the Laboratory of Biochemistry, National Institutes of Health

1987, Bethesda, MD, USA Guest scientist at the Laboratory of Biochemistry and Metabolism, National Institutes of Health

1988-2001, Naples, Italy, National Research Council (CNR)-Researcher at the Institute of Genetics and Biophysics Buzzati-Traverso

2001-present Naples First CNR Researcher at the Institute of Genetics and Biophysics Buzzati-Traverso, National Research Council (CNR)

2004, Appointed as group Leader of Human Molecular Genetic laboratory at the IGB CNR Naples

2004-2018 Potenza, Italy, Adjunct Professor of Human Genetics at the University of Basilicata

2015 Expert appointed of the G-ERN (European Reference Network of Centres of Expertise for Genodermatosis) for the diseases Ectodermal Dysplasia & Incontinentia Pigmenti

2016 Coordinator of the Incontinentia Pigmenti Genetic Biobank (IPGB, http://www.igb.cnr.it/ipgb)

2017 Coordinator of the Biological Resources Center of the IGB (http://www.igb.cnr.it/centro-di-risorse-biologiche) and belonging to the BBMRI-ERIC (Biobanking an BioMolecular resources Research Infrastructure European Research Infrastructure Consortium)

Teaching

Undergraduated student adviser

Supervisor of 20 Degree thesis in Biological Science at the Federico II University of Naples

Graduated student adviser

6 PhD students

PhD commitees

2004-2007 Naples, University Federico II, Member of the committee for the Microbiological, clinical and experimental science PhD program

2004-2007 Naples, University Federico II, Member of the committee for the Advanced Biology PhD program
2009-2011 Naples, Second University of Naples, Member of the committee for the Molecular and cellular biotechnology PhD program
2015 and 2017 Naples, University L.Vanvitelli, Member of the committee for the Molecular and cellular biotechnology PhD program

Courses

2004-2019 Potenza, Italy, University of Basilicata, Adjunct Professor of Human Genetics.

Honours & Recognition

1980, Vittoria Cataldi Young Investigator Award
1980, Scoffone and Cremona, SIBBM,
1980, CNR Young Investigator International short term Fellowship
1982, CNR Young Investigator Fellowship Award
2007, Banco Napoli-Fondazione grant Award
2014, IPASSI Onlus (Incontinentia Pigmenti ASSAssociation Italy) grant Award
2014, IPIF (Incontinetia Pigmenti International Foundation) grant Award
2014 National Scientific Qualification Full Professorship ANVUR (national agency for the evaluation of universities and research Institutes- Abilitazione Scientifica Nazionale-Settore BIO13)
2015 IPASSI Onlus (Incontinentia Pigmenti ASSAssociation Italy) grant Award
2016 IPASSI Onlus (Incontinentia Pigmenti ASSAssociation Italy) grant Award
2017 IPASSI Onlus (Incontinentia Pigmenti ASSAssociation Italy) grant Award
2018 IPASSI Onlus (Incontinentia Pigmenti ASSAssociation Italy) grant Award
2019 IPIF (Incontinetia Pigmenti International Foundation) grant Award

Research grants as PI

1993 VI Progetto di Ricerche sull'AIDS: Tat mediated regulation of GP6D (n.820627)
1994 VII Progetto di Ricerche sull'AIDS: Tat mediated regulation of GP6D (n.920630)
1995 VIII Progetto di Ricerche sull'AIDS: Tat mediated regulation of GP6D (n.930636)
2000-2002 VII Telethon Project: Human Nude/SCID phenotype (as co-PI, n.E0934).
2009-2011 Telethon Project: Unraveling the molecular mechanisms of impaired NEMO function in Incontinetia Pigmenti (IP) pathogenesis (n.GGP08125)
2009-2012 Research grant from the France Incontinetia Pigmenti Association: Molecular characterization and pathophysiology of IP and associated neurologic abnormalities

2011-2012 Research grant from the Fondazione Roma-Terzo Settore "Sportello della Solidarietà": Neuropsychological characteristics of the syndrome IP and correlation with genetic data (co-PI)
2013-2015 Research grant from the France Incontinetia Pigmenti Association: Molecular characterization and pathophysiology of Incontinetia Pigmenti
2015 Grant from Regione Campania Legge 5/2007: Establishment of a Research Centre for an Accurate and Early Diagnosis of Incontinentia Pigmenti in Regione Campania (Detection Of Mutation In NEMO, DOMINO)
2016-2019 Research grant from the France Incontinentia Pigmenti Association: Molecular characterization and pathophysiology of Incontinentia Pigmenti
2015-2016 Progetto Operativo Regionale:Terapie Innovative di Malattie Infiammatorie croniche, metaboliche, Neoplastiche e Geriatriche (POR-TIMING) (co-PI)
2017-2018 CNR-DSB Flagship-project InterOmics: TranscriptOMIC strategy to identify the altered signal pathways in patients with severe forms of Incontinentia pigmenti (OMIC-IP) (co-PI)

Society

1983-1987 European Thyroid Association
1997-2000 Cell Stress Society International
2004- present American Society of Human Genetics
2015-present European Society of Human Genetics

SERVICE

National grant Review

1995-1999 Peer Review Committee: AIDS National Program

International grant Review

2009 ANR Reviewer Committee: **JCJC SVSE 2,** ad hoc reviewer
2011 ANR Reviewer Committee: **CESA,** ad hoc reviewer
2011-2013 ANR Reviewer Committee**: Labex,** ad hoc reviewer

International Academical Review

1999 Review Committee Institut Universitaire de France (IUF)
2016 Referees for Qualification Promotion to Professor for faculty members in the Case Western Reserve University School of Medicine
2016, Invited Reviewer for the Agencia per la Qualitat del sistema Universitari de Catalunya

Patents

Brevetto n.0001423541 August 2, 2016 "*Diagnostic Kit and a method for the Incontinentia pigmenti genetic diagnosis*" Inventors: **MV Ursini** (CNR), M Paciolla, F Fusco (CNR), MB Lioi (University of Basilicata)

WWW sites

IGB site: http://www.igb.cnr.it/index.php?id=90&staff_detail=ursini

IPGB site: http://www.igb.cnr.it/ipgb

Orphanet site

http://www.orpha.net/consor/cgibin/Directory_Professionals.php?lng=IT&data_id=12995&MISSING%20CONTENT=URSINI&search=Directory_Professionals_Simple&title=Dr-Matilde-Valeria-URSINI

Book

NF-κB-Related Genetic Diseases, 2016 SpringerBriefs in Biochemistry and Molecular Biology

Authors**:** Courtois, G., Pescatore**,** A., Gautheron, J., Fusco, F., **Ursini**, **M.V**., Senegas, A.

Publications (last 10)

1. Romano R, Grasso F, Gallo V, Cirillo E, Prencipe R, Mamone G, Mollica C, **Ursini MV**, De Ville De Goyet J, Pignata C, Giardino G. A case of incontinentia pigmenti associated with congenital absence of portal vein system and nodular regenerative hyperplasia. Br J Dermatol. 2019 Mar;180(3):674-675.
2. Cuomo F, Coppola A, Botti C, Maione C, Forte A, Scisciola L, Liguori G, Caiafa I, **Ursini MV**, Galderisi U, Cipollaro M, Altucci L, Cobellis G. Pro-inflammatory cytokines activate hypoxia-inducible factor 3α via epigenetic changes in mesenchymal stromal/stem cells. Sci Rep. 2018 Apr 11;8(1):5842. doi:10.1038/s41598-018-24221-5.
3. Scheuerle AE, **Ursini MV**. Incontinentia Pigmenti. 1999 Jun 8 [updated 2017 Dec 21]. In: Adam MP, Ardinger HH, Pagon RA, Wallace SE, Bean LJH, Stephens K, Amemiya A, editors. GeneReviews® [Internet]. Seattle (WA): University of Washington, Seattle; 1993-2018. Available from http://www.ncbi.nlm.nih.gov/books/NBK1472/
4. Santoro A, Ciaglia E, Nicolin V, Pescatore A, Prota L, Capunzo M, **Ursini MV**, Nori SL, Bifulco M. The isoprenoid end product N6-isopentenyladenosine reduces inflammatory response through the inhibition of the NFκB and STAT3 pathways in cystic fibrosis cells. Inflamm Res. 2017 Dec 11. doi: 10.1007/s00011-017-1123-6
5. Fusco F, Conte MI, Diociauti A, Bigoni S, Branda MF, Ferlini A, El Hachem M and **Ursini MV** Unusual Father-To-Daughter Transmission of Incontinentia Pigmenti due to Mosaicism in IP Males Pediatrics 2017 pii: e20162950.

6. Bal E, Laplantine E, Hamel Y, Dubosclard V, Boisson B, Pescatore A, Picard C, Hadj-Rabia S, Royer G, Steffann J, Bonnefont JP, **Ursini MV**, Vabres P, Munnich A, Casanova JL, Bodemer C, Weil R, Agou F, Smahi A. Lack of interaction between NEMO and SHARPIN impairs linear ubiquitination and NF-kB activation and leads to incontinentia pigmenti. J Allergy Clin Immunol. 2017 Feb 27. pii: S0091-6749(17)30321-4.
7. Müller K, Courtois G, **Ursini MV** and Schwaninger M New Insight Into the Pathogenesis of Cerebral Small-Vessel Diseases Stroke. 2017 Feb;48(2):520-527.Pescatore A, Esposito E, Draber P, Walczak H, **Ursini MV**. NEMO regulates a cell death switch in TNF signaling by inhibiting recruitment of RIPK3 to the cell death-inducing complex II. Cell Death Dis. 2016 Aug 25;7(8):e2346.
8. Pescatore A, Esposito E, Draber P, Walczak H, **Ursini MV**. NEMO regulates a cell death switch in TNF signaling by inhibiting recruitment of RIPK3 to the cell death-inducing complex II. Cell Death Dis. 2016 Aug 25;7(8):e2346.
9. Esposito E, Napolitano G, Pescatore A, Calculli G, Incoronato MR, Leonardi A, **Ursini MV**. COMMD7 as a novel NEMO interacting protein involved in the termination of NF-kB signaling. J Cell Physiol. 2016, 231(1):152-61
10. Giardino G, Gallo V, Somma D, Farrow EG, Thiffault I, D'Assante R, Donofrio V, Paciolla M, **Ursini MV**, Leonardi A, Saunders CJ, Pignata C. Targeted next-generation sequencing revealed MYD88 deficiency in a child with chronic yersiniosis and granulomatous lymphadenitis. J Allergy Clin Immunol. 2016, 137(5):1591-1595

Bibliometric data (from Google scolar – updated to March 2019)

N° of publications	80
H index	30

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Date and Signature
Naples, Avril 15, 2019