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CURRICULUM VITAE

Name and Surname: Mario Vincenzo Di Iorio

Date and place of birth: 15th August 1975, Lucera, FG (ITALY)

Work Address: Molecular Medicine Department, University of
Padova, Via Gabelli, 63, 35121 Padova

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EDUCATION & QUALIFICATIONS

- 2003** Scuola di Specializzazione in “Genetica Applicata” (3 years post-doctoral degree) at University of Rome “La Sapienza”, Italy (70/70 with honors).
- 1999** Italian degree in Biological Science (5 years course) at University of Rome “La Sapienza”, Italy (110/110 with honors).
- 1994** Maturita' Classica at Liceo Ginnasio Statale “R. Bonghi” (Lucera, FG).

AWARDS, HONORS, POSITIONS AND WORK EXPERIENCE

- 2024** Recipient of the grant: DI_I_POCPNRR23_01: "siRNA treatment for the Ectrodactyly Ectodermal dysplasia Clefing (EEC) syndrome: siRNAEEC".
- 2023** Collaborator of the grant: PRIN -2022- Prot. 20223FW48B, CUP: C53D23003010006 " Extracellular Vesicles In Slowing down the Ticking Clock of Aging (VISTA)".
- 2023** Member of the Ethics Committee "Servizio Comitato Etico per la Sperimentazione Aop"- University Hospital of Padua.
- 2021** Patent filing n. 10202000023647 as inventor of: "siRNA treatment for the Ectrodactyly-Ectodermal Dysplasia Clefing (EEC) syndrome". (Filing date: 07/10/2020).
- 2021** Associate Professor of Genetic and Microbiology at the Department of Molecular Medicine, University of Padua
- 2020** Managing Biologist (Level I), Clinical Genetics Unit, University Hospital of Padua.

- 2018** Recipient of AFM Grant Renewal (20687): “Advanced therapy medicinal products for the treatment of ocular defects in Ectrodactyly-Ectodermal Dysplasia-Clefting (EEC) syndrome”.
- 2018** Recipient of the grant from the Italian Ministry of Health (RF-2016-02361159): “Advanced therapy medicinal products for the treatment of ocular defects in Ectrodactyly-Ectodermal Dysplasia-Clefting (EEC) syndrome”.
- 2017** Award of National Academic Scientific Qualification to the functions of associate professor for “Genetica (05/I1)” and “Scienze delle professioni sanitarie e delle tecnologie mediche applicate (06/N1)”.
- 2017** Recipient of AFM Grant (20687): “Advanced therapy medicinal products for the treatment of ocular defects in Ectrodactyly-Ectodermal Dysplasia-Clefting (EEC) syndrome”.
- 2015-2018** Member of the “Technical and Sanitary Committee” of the Ministry of Health, Roma.
- 2015** Recipient of ex-60% funds (60A07-5935/15): "Accelerated ageing and defects in proliferation, differentiation and stratification of p63-mutant-stem cells are restored through a siRNA-based approach: a promising therapeutic option for corneal disorders in EEC patients".
- 2015** Recipient of the grant “Progetti di Ricerca di Ateneo” (PRAT CPDA159895): “Promising gene-based therapeutic approaches to

correct ocular surface disorders in EEC patients”, University of Padova.

2014 Recipient of ex-60% funds (60A07-4372/14): "Gene therapy approach through siRNA against p63 mutants to correct ocular surface disorders in Ectrodactyly-Ectodermal dysplasia-Clefting (EEC) syndrome".

2014 Collaborator of the grant “Progetti di Ricerca di Ateneo” (PRAT CPDA132881): “Innovative method for the treatment of total limbal stem cells deficiency through a tissue-engineered hemicornea: animal model”, University of Padova.

2013 Recipient of the grant from the Associazione RP Triveneto: “Retinitis Pigmentosa: clinical and molecular diagnosis of disease genes through Next Generation Sequencing (NGS) and developing of innovative cell and gene therapy strategies.”

2013 Member of the Ethics Committee of “Istituto Oncologico Veneto-IRCCS” (IOV), Padova.

2013 Adjunct professor of Genetic and Microbiology at Molecular Medicine Department, University of Padova.

- 2012** Executive Biologist (Level I), Microbiology and Virology Unit, Azienda Ospedaliera, Padova: co-responsible of the Quality Management.
- 2012-2016** Collaborator and Quality Control consultant at the Cell Factory of Fondazione Banca degli Occhi del Veneto (Venice, Italy).
- 2012** Recipient of the grant from the Italian Ministry of Health (n.199/GR-2010-2316138): "Innovative method for the treatment of total limbal stem cells deficiency (LSCD) through a tissue-engineered hemicornea".
- 2012** Recipient of AFM Grant Renewal (14899): "Towards an innovative therapy of Ectrodactyly-Ectodermal dysplasia Clefing (EEC) syndrome using allele-specific RNA silencing".
- 2012** Awarding of the comparative evaluation for University Researcher Position at the faculty of Medicine and Surgery, scientific-disciplinary sector MED/07, Molecular Medicine Department, University of Padova.
- 2011** Recipient of the grant from the Italian Ministry of Health (n.106/GR-2009-1555694): "Towards an innovative therapy of Ectrodactyly-Ectodermal dysplasia Clefing (EEC) syndrome using allele-specific RNA silencing".

- 2010** Recipient of AFM Grant (14899): "Towards an innovative therapy of Ectrodactyly-Ectodermal dysplasia Clefting (EEC) syndrome using allele-specific RNA silencing".
- 2009** Recipient of the grant "Ricerca Finalizzata Regionale (2009, DGRV 4273): "Verso una terapia innovativa della sindrome EEC (Ectrodactyly-Ectodermal dysplasia Clefting) mediante l'impiego dell'RNA silencing allele-specifico".
- 2008-2012** Quality Control Head at the Cell Factory of Fondazione Banca degli Occhi del Veneto (Venice, Italy).
- 2005** Winner of a support stipend award at Timberline Symposium on Epithelial Cell Biology: "Keratinocyte Stem Cells: Tissue Regeneration, Wound Healing and Environmental Responses".
- 2003/12** Research Scientist at Fondazione Banca degli Occhi del Veneto- (Venice, Italy).
- 2002** Research Scientist at Vascular Pathology Department (IDI), Rome.
- 2001/2002** Recipient of a Telethon fellowship at TIGEM (Telethon Institute of Genetic and Medicine), Naples.
- 2001** Qualification to the exercise of Biologist profession.



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- 2000/2001** Post-graduate position at Medical Genetics Department of IRCCS in S. Giovanni Rotondo (FG).
- 1994/1999** Student at the faculty of Biological Science, University of Rome, Italy, Department of Genetic and Molecular Biology.

PUBLICATIONS:

Author of 55 international peer-reviewed scientific publications and three book chapters.