



Curriculum Vitae

Personal information **Alessandra Renieri**

Work experience

1. Employer: Azienda Ospedaliera Universitaria Senese
 - Start date: 1993
 - End date: 1998
 - Position: Assistente Medico _ Medical Genetics
 - Activities:
 - Country: Italy
2. Employer: University of Siena
 - Start date: 1998
 - End date: 2000
 - Position: Researcher _ Medical Genetics
 - Activities:
 - Country: Italy
3. Employer: University of Siena
 - Start date: 2000
 - End date: 2007
 - Position: Associate Professor _ Medical Genetics
 - Activities:
 - Country: Italy
4. Employer: Azienda Ospedaliera Universitaria Senese
 - Start date: 2002
 - End date:
 - Position: Director of the Medical Genetics division
 - Activities:
 - Country: Italy
5. Employer: University of Siena
 - Start date: 2007
 - End date:
 - Position: Full Professor _ Medical Genetics
 - Activities:
 - Country: Italy

Education and training

1. Subject: High School: Liceo Classico Virgilio of Empoli, Italy
 - Start date:
 - End date: 061983
 - Qualification: Maturità classica degree
 - Organisation: final marks: 60/60
 - Country: Italy
2. Subject: University of Siena
 - Start date:
 - End date: 061989
 - Qualification: M.D. degree
 - Organisation: School of Medicine Final marks: 110/110 summa cum laude. Thesis entitled "Aspetti genetici e molecolari dell'alfa₁ antitripsina" Medical Genetics, Tutor: Prof. Mario De Marchi, 1990 European School of Medical Genetics Certification Third Course, Sestri Levante
 - Country: Italy
3. Subject: University of Turin
 - Start date:
 - End date: 061994
 - Qualification: PhD degree
 - Organisation: Human Genetics Thesis entitled "Genetica Molecolare della sindrome di Alport" Tutor: Prof. Mario De Marchi
 - Country: Italy
4. Subject: University of Florence
 - Start date:
 - End date: 111998
 - Qualification: Specialty degree
 - Organisation: Medical Genetics Final marks: 70/70 summa cum laude. Thesis entitled "AMME: una nuova sindrome da geni contigui in Xq22.3" Tutor Prof. Enrico Montali
 - Country: Italy

Additional information

Publications

Research activities of Prof. Alessandra Renieri are substantiated by 373 original publications with a total IF >1,600 and 3 patents. She is author of 6 book chapters, 9 reviews made by request, and one N&V in Nat Genet. Citation parameters (Scopus- updated December 2022): N publications in the last 10ys: 210 N total citations: 16,104 H_index (from Scopus _ updated on December 2022): 60 average citations per item: 43.174 Prof. Alessandra Renieri ranks above the median for full professors according to ANVUR scientific quality parameters (contemporary H_index, number of publications in the last ten years, normalized citations). Being also over the median for total H_index and total citations numbers, she has been recently selected in the committee for National Scientific

Qualification (2012_2015).

Projects

Active Research Grants Over the last 5 years she won 15 grants from national and international competitive calls. Ten grants are currently active, 4 as PI/coordinator: Source: Fondo Integrativo Speciale per la Ricerca (FISR) _ Ministero dell'Università e della Ricerca Title: "Editing dell'RNA contro il Sars_Cov_2: hackerare il virus per identificare bersagli molecolari e attenuare l'infezione (HACKTHECOV)" Duration: 2021_2022; Role: Partner Budget: 80.000,00 Euro (19.428,20 Euro to Unisi) Source: IMI2_2020_23_05, H2020_JTI_IMI2_2020_23_two_stage (IMI2_RIA) Title: "Shortening the path to rare disease diagnosis by using newborn genetic screening and digital technologies" Duration: 2021_2024; Role: Partner Budget: 1,939,251.25 (168,750.00 Euro to Unisi) Source: Travers Therapeutics, Inc. Title: "From Benchtop to Preclinical Trials. CRISPR/Cas9 to Correct COL4A5 Mutations Causing Alport Syndrome in in_vitro and in_vivo Dog and Mouse Model." Duration: 2021_2024; Role: Coordinator Budget: \$1,061,891.00 Source: Istituto Buddhista Italiano Soka Gakkai Title: "Host genetics and pathogenetic mechanisms of COVID_19 (PAT_COVID)" Duration: 2021_2022 Role: Partner Cost of the entire project: 640.000,00 Euro (190.000 Euro to Unisi) Source: Associazione ILA Title: "La Biopsia Liquida Come Ricerca Genetica In Pazienti Affetti Da Malformazioni Vascolari" Duration: 2021_2022; Role: Coordinator Budget: 30.000 Euro Source: Bando Ricerca COVID_19 Toscana Title: "Identificazione delle basi genetiche determinanti la variabilità clinica di COVID_19 nella popolazione italiana (GEN_COVID)" Duration: 2021_2022 Role: Coordinator Budget: 500.000,00 Euro (190.000 Euro to coordinator) Source: AstraZeneca Title: WES Sequencing Agreement (Service Provider) Duration: 2020_2021 Role: Coordinator Budget: 150.000,00 Euro Source: EU project H2020_SC1_FA_DTS_2018_2020; Title: "International consortium for integrative genomics prediction (INTERVENE)" _ Grant Agreement No. 101016775 Duration: 2021_2025 Role: Partner Budget: (552,043.75 Euro to Unisi) Source: Bando Ricerca Salute 2018 _ Regione Toscana Title: "Set_up of a platform for personalized diagnosis of rare kidney diseases (NIKE)" Duration: 2020_2023 Role: Partner Budget: 210.000,00 Euro Source: 3rd EU Health Programme. HP_PJ_2019; Topic PJ_01_2019: Rare disease registries for the European Reference Networks Title: "ILIAD Rare Diseases patient registry: an International Library of Intellectual disability and Anomalies of Development". Duration: 2020_2025 Role: Partner Budget: 198.119 Euros (10.019 Euro to Alessandra Renieri) Source: AstraZeneca Title: "Whole exome sequencing in COVID_19 patients". Duration: 2020_2020 (6months) Role: PI Budget: 200.000 Euros Source: Intesa San Paolo Title: "Identificazione delle basi genetiche determinanti la variabilità clinica della risposta a COVID_19 nella popolazione italiana". Duration: 2020_2020 Role: PI Budget: 109.600 Euros Source: Bando Ricerca COVID Toscana 19 Title: "Identificazione delle basi genetiche determinanti la variabilità clinica di COVID_19 nella popolazione italiana". Duration: 2021_2023 Role: PI Budget: 212.000 Euros Source: H2020_JTI_IMI2_2020_23_two_stage Title: "Shortening the path to rare disease diagnosis by using newborn genetic screening and digital technologies [SCREEN4CARE]". Duration: 2021_2023 Role: Partner Budget: 168.750 Euros

Memberships

AFFILIATIONS TO SCIENTIFIC SOCIETIES and COMMITTEE: _ Societa' Italiana di Genetica Umana (SIGU) _ American Society of Human Genetics (ASHG) _ European Society of Human Genetics (ESHG): board member from 2004 to 2009 _ Societa' Italiana di Pedagogia Medica (SIPEM) _ EBMG (European Board of Medical Genetics), a professional organism of ESHG (from 2014) _ SIGU representative within UEMS (Union Européenne des Médecins Spécialistes _ European Union of Medical Specialists) from 2013 to end of 2016 _ European Society of Human Reproduction and Embryology (ESHRE) since 2016 _ Secretary of Clinical Genetics Section within UEMS (Union Européenne des Médecins Spécialistes _ European Union of Medical Specialists) from 1st January, 2017 _ Coordinator of the Working Group of Clinical Genetics of the Italian Society of Human Genetics (SIGU) from 2014 _ Member of Ethical Committee of Azienda Ospedaliera Universitaria Senese, Siena, Italy from 2016 _ Coordinator of Network for Italian Genomes (NIG) from 2017 _ Member of European Society of Gene and Cell Therapy (ESGCT) from 2020

Other Relevant Information

I coordinate a PhD Course in Genetics Oncology and Clinical Medicine as well as Director of Medical Genetics Specialty School at the University of Siena. I am an expert clinical geneticist (MD, PhD), director of the Medical Genetics Unit at AOUS in Siena with long experience in syndromic and non_syndromic intellectual disabilities (ID). Since 2016 I am member of Ethical Committee of AOUS. REVIEWER FOR INTERNATIONAL JOURNALS _ American Journal of Human Genetics _ American Journal of Medical Genetics _ BMC Medical Genetics _ Clinical Chemistry _ Clinical Genetics _ European Journal of Human Genetics _ Journal of Endocrinology _ Journal of Medical Genetics _ Journal of Nephrology _ Nature Genetics _ Nephron _ Pediatric Nephrology GRANT REVIEWER AND NATIONAL INITIATIVES _ Projects for Wellcome Trust 2002 and 2004 _ CV revision "Rientro cervelli" for CRUI 2003 and 2004 _ University of Padova 2006 _ Evaluator for National Assessment of Research Quality (VQR) 2012 for research products 2004_2010 _ Component of Scientific Committee for National Academic Qualification (ASN) 2012 and 2013 _ OTKA proposal for National Scientific Research Fund in Hungary 2013 _ Evaluator for National Assessment of Research Quality (VQR) 2016 for research products 2011_2014 EDITORIAL BOARD _ Giornale Italiano di Nefrologia _ Section Editor di European Journal of Human Genetics (EJHG) from 2014