

CURRICULUM VITAE

Dott.ssa Alessandra Coiana

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Education- Academic career

2011	Specialty in Medical Genetics, Sapienza University of Rome
2001-since	Assistant Professor (GSD 05/BIOS-08- Molecular Biology) Department of Medical Science and Public Health – University of Cagliari
1993	Visiting fellow, Laboratory of Infectious Disease-Hepatitis Virus Section (Dr.R.H.Purcell) , National Institutes of Health -Bethesda (MD), USA
1991-2001	Technical Graduate in Department of Internal Medicine, “M.Aresu”, University of Cagliari
1989	Post graduate training in Laboratory of Hepatology, Department of Medicine (Dr. H.Thomas), St. Mary Hospital Medical School, London (UK)
1988-1990	Post graduate training in Laboratory of Hepatology (Prof.ssa P.Farci), Department of Internal Medicine “M.Aresu”, University of Cagliari
1984-1987	Post graduate training in Laboratory of Medical Oncology (Prof.G.Mantovani), Department of Internal Medicine” M.Aresu”, University of Cagliari.
1984	Laurea Degree summa cum Laude in Biological Science, University of Cagliari

Hospital activity

2007 -since	Molecular Genetics Biologist in Genetics and Genomics Laboratory – Pediatric Hospital “Microcitemico - A.Cao” – ASLCagliari, Cagliari
2005-2006	Professional Assignment “Molecular Diagnostics of Epatitis Viruses“ Laboratory of Hepatology-Azienda Ospedaliero-Universitaria di Cagliari
2001-2006	Molecular Biologist in Laboratory of Epatology, Azienda Ospedaliero- Universitaria di Cagliari
1991-2001	Technical graduate in Laboratory of Epatology, ,Department of Internal Medicine “Clinica Medica M.Aresu”, University of Cagliari

Official appointment

2015 - since Member of the Istituto Superiore di Sanità (<https://www.iss.it/web/iss-en>)
Committee for the valuation of Italian Cystic Fibrosis EQA schemes.

Research Topics

Hepatitis C virus (HCV) genetic diversity
Characterization of pathogenetic role of molecular defects in CFTR gene
Molecular genetics on cardiomyopathies and cardiac arrhythmias.

Research projects

2019-2021 “Gene-environment interaction and aggressive behavior: preclinical and clinical study on the role of the dopaminergic system and possible therapeutic targets” (L.7/2007, annualità 2017-Fondo di Sviluppo e Coesione (FCS) - RASSR32909). Position: Operational Unit Responsible

2008-2010 “Feasibility of a screening program for the preconceptional identification of Cystic Fibrosis carriers in Sardinian Population” Fondazione per la Ricerca sulla Fibrosi Cistica . Project FFC#5/2008. Position: researcher.

Research metrics

Co-author of 28 scientific papers published in peer-reviewed journals including *The New England Journal of Medicine (NEJM)* and *Science*, among others.
Citations: over 1500 (as of October 2024, according to Scopus).

Memberships in Professional Societies

Member of Italian Society for the Study of Cystic Fibrosis (SIFC)
Member of Italian Society of Human Genetics (SIGU)
Sardinia Regional Coordinator for Italian Society of Human Genetics (SIGU) years 2018-2020

Teaching

Teaching at University of Cagliari:

2020 -since Genome Variability -Biology First Level Degree
2016 -since Biochemistry and Molecular Biology -Dentistry Degree
2004 -since Biochemistry and Molecular Biology-Medicine and Surgery Degree
2014-2020 Molecular Biology-Biology First Level Degree
2003-2008 Medical Chemistry and Biochemistry- Physiotherapy Degree

Biology Molecular teaching in several Graduate Schools of the Faculty of Medicine and Surgery, University of Cagliari : Clinical Pathology and Clinical Biochemistry, Medical Genetics, Pediatrics, Microbiology

2007 Molecular Biology Course in the Master “Bioinformatics Technologies applied to Personalized Medicine”- Consorzio Ventuno- Polaris -Pula (CA)