

CURRICULUM VITAE ET STUDIORUM

MORI ANTONIO

D. O. B.: JUNE 13, 1967
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EDUCATION:

Upper Secondary Education:

1987: Diploma di Maturità scientifica (1987) at “Scientific Lyceum-Istituti Paritari Filippin” in Paderno del Grappa (Italy)

Accademic Qualification:

1994: Degree in **Biological Sciences** (“Diploma di Laurea” equivalent to current Laurea Magistrale, i.e. M.Sc.), *University of Padova* (Italy).

2000: Postgraduate Degree in **Molecular Genetics (Postgraduate Specialisation School in Applied Genetics, Cytogenetics and Molecular Genetics Programme)**, *University of Pavia* (Italy).

2002: Graduate Advanced Diploma (Graduate Advanced Program), Multidisciplinary Advanced School Integrated Learning (Scuola Avanzata di Formazione Integrata, S.A.F.I.) for Postgraduate & Ph.D. students, Institute for Advanced Study (Istituto Universitario di Studi Superiori, I.U.S.S.) and *University of Pavia* (Italy).

2012: Second Level Master in **Molecular and Genetic Epidemiology**, *University of Pavia* (Italy).

2015: Ph. D. in **Traslational Biomedicine (Graduate School in Traslational Biomedical Sciences)**, *University of Verona* (Italy).

OTHER:

1997: Qualified to practice. *University of Ferrara*.

CAREER EXPERIENCE:

My background is in both wet-lab and computational Human Molecular Genetic Pathology (Genetics of Cancer and Genetics of Cardiovascular Pathology); Biotechnology applied in the genetic molecular Veterinary Virology; Biotechnology applied in stem cell biology.

EMPLOYMENTS and ASSIGNMENTS:

2015-until now: **Research Associate**, Laboratory of Genetics and Bionformatics, (Section of Genetics and Biology, Dept. Neurological, Biomedical and Movement Sciences). *University of Verona*.

2014-2015: **Research Associate**, Section of Internal Medicine D, Dept. Medicine (Laboratory for Medical Research (L.U.R.M.) Interdepartmental Centre of the University of Verona). *University of Verona*.

2012-2013: **Research Associate**, Functional Genomics Centre. Dept. Biotechnology. *University of Verona*.

2011-2012: **Fellowship**, Laboratory of Genetics and Bionformatics, (Section of Genetics and Biology, Dept.

Life and Reproduction Sciences). *University of Verona*.

2007-2009: Development & QC Work Supervisor (Coordinator of the Molecular Biology and Diagnostics Work Group; Coordinator of the Avian Influenza Diagnostics Italian Proficiency Test), Laboratory of Molecular Biology (Dept. Research & Development, Headquarter of Legnaro). *Istituto Zooprofilattico Sperimentale delle Venezie* (Italy).

2006-2007: Molecular Biologist Supervisor, Laboratory of Molecular Biology (Dept. Research & Development, Headquarter of Legnaro). *Istituto Zooprofilattico Sperimentale delle Venezie* (Italy).

2004-2005: Fellowship, Laboratory of Developmental Biology, (Dept. Animal Biology-Biomedical Research Area of Applied Biology Interdepartmental Center). *University of Pavia*.

2001-2003: Fellowship, Centre for Inherited Cardiovascular Diseases (Transplant Research Area), *I.R.C.C.S. Foundation Policlinico "S.Matteo"* and *University of Pavia*.

1999-2000: Fellowship, *I.R.C.C.S. Foundation Policlinico "S.Matteo"* and *University of Pavia*.

1998-2000: Residency in Genetics of Gastrointestinal Cancers, Laboratory of Human Genetics-Cancer Genetics (Dept. Genetics and Microbiology). *University of Pavia*.

1995-1996: Internship (Tirocinio), Immunocytometry Section, Laboratory of Immuno-Hematology and Laboratory of Histology, Pathology and Cytodiagnosics, *Hospital of Feltre* (Italy).

RESEARCH PROJECTS:

2014-until now: Research Project funded by Fondazione Cariverona: "Sequenziamento massivo (Next-Generation Sequencing) del Genoma umano: verso una interpretazione 'sartoriale' della variabilità individuale della risposta al farmaco. Una proposta trasversale". Work Package: "Variabilità genetica individuale tramite Next Generation Sequencing".

2012-2013: European Union-Seventh Framework Programme: "Point of Care Diagnostics for rapid detection of companion animal's pathogens -POC4PETS". Work Package 2 ("Sample preparation and enrichment") and 3 ("Development of Pen-Side based PCR protocols and reagents").

2011-2012: Research Project supported by Regione Veneto-Fondo Sociale Europeo: "Sviluppo di DNA-chip per l'analisi tossicologiche, proliferative e rigenerative".

2007-2009: Ricerca Finalizzata supported by Italian Ministry of Health (RF-IZ VE-2006-345190): "Diagnosi e profilassi dell'influenza aviaria e studio dei meccanismi di evoluzione virale e trasmissione interspecie". Work Package: "Allestimento e standardizzazione metodiche diagnostiche e biomolecolari".

2006-2009: European Network EPIZONE (Network of Excellence for Epizootic Disease Diagnosis and Control). Work Package 4.1: "Real Time PCR-diagnostic".

2004-2005: Research Project funded by Fondazione CARIPLO: "Sviluppo di un citoplasto e suo impiego in medicina rigenerativa".

2002: Ricerca Corrente: "Ricerca di genotipi specifici nell'ipertensione polmonare".

2001-2002: a) Ricerca Finalizzata supported by Italian Ministry of Health: "Infezioni vasculotropiche nell'aterogenesi e nelle sindromi coronariche (IVASC)".

b) Research Project: "Contribution of sleep disorders and improved oxygenation on

erythropoietin levels and circadian rhythm in Andean natives with and without excessive erythrocytosis".
University of Pavia, Fondazione IRCCS Policlinico "San Matteo" and Universidad Peruana "Cayetano Heredia".

1999-2000: Ricerca Finalizzata supported by Italian Ministry of Health: "Analisi delle varianti molecolari di HPV16 e loro ruolo nella persistenza della infezione genitale e nella carcinogenesi cervicale".

SCHOLARSHIPS and PRIZES:

2011: Scholarship supported by Section of Genetics and Biology, Dept. Life and Reproduction Sciences of the University of Verona for the Second Level Master in Molecular and Genetic Epidemiology of the University of Pavia (Italy).

2002-2003: Ph.D. Scholarship in Pathology and Genetics Doctorate Course. University of Pavia.

1999: Prize of Institute for Advanced Study (I.U.S.S.) and University of Pavia for the annual thesis: "Test e screening genetici: implicazioni e conseguenze bioetiche".

EXPERIENCES ABROAD:

September, 2001: Universidad Peruana "Cayetano Heredia".