Alberto E.Turco, M.D. CURRICULUM VITAE

Born in Verona, Italy, May 13th, 1956.

Married with two sons.

Education, Licensure and Certification
1982 M.D. degree - University of Padova School of Medicine, with full marks and honors.
1982 Medical Qualifying Examination at the University of Verona School of Medicine.
1987 Board certified in Internal Medicine, University of Verona School of Medicine
2002 Board certified in Medical Genetics, University of Verona School of Medicine

Predoctoral Training
1980-1982 Intern student in Internal Medicine, University Hospital Polyclinic Borgo Roma, Verona.

Postdoctoral Training
Internships and Residencies
1982-1984 Resident Physician in Internal Medicine at the University of Verona Medical School, University Hospital Polyclinic, Verona.
1982-1987 Postgraduate Specialty School in Internal Medicine, University of Verona School of Medicine (5 years).
1999-2002 Postgraduate Specialty School in Medical Genetics, University of Verona School of Medicine (4 years)

Clinical and Research Fellowships
1986-1987 Recipient of a research fellowship granted to the Institute of Biological Sciences & Genetics, University of Verona School of Medicine, by the "Banca Popolare di Verona".
1987-1989 Postdoctoral Fellow (Research Assistant in Genetics)at the University of Utah Medical Center, Department of Genetic Epidemiology & Medical Informatics, Salt Lake City, Utah, USA (interests: molecular genetic analysis of Alport syndrome families; genetic predisposition to common malignancies [melanoma, breast cancer]).

Academic Appointments
1987 University Researcher in Genetics at the Institute of Biological Sciences and Genetics, University of Verona School of Medicine.
Instructor in Genetics (Human and Medical Genetics) (see below).
2000 Associate Professor in Medical Genetics at the Section of Biology & Genetics, Department of Mother & Child, University of Verona School of Medicine, Verona, Italy

Research Interests and current main fields of interest
- Clinical Pharmacology, Red Blood Cell Physiology and Clinical Hematology,Herpesvirus gene expression and viral nucleoprotein complexes (NPC) synthesis and assembly
- Single-gene human nephrological disorders: molecular diagnostics in Autosomal Dominant Polycystic Kidney Disease (ADPKD) and Alport Syndrome; genotype-phenotype correlations.
- Molecular diagnostics in achondroplasia (ACH): molecular detection of the most common FGFR3 gene mutations (G380R and G375C)
- Clinical genetics: prenatal and postnatal genetic counselling for single-gene and chromosomal disorders

Teaching activities
A. Integrated Course of “Genetics” for second-year medical students, University of Verona Medical School, including practical training.
B. Instructor/lecturer in Medical Genetics for the following Specialty Schools, University of Verona School of Medicine: Dermatology, Hygiene and Preventive Medicine, Nephrology, and Endocrinology.
C. University Diplomas, University of Verona School of Medicine: Instructor/lecturer in “Genetics” and “Cytogenetics” for the university diploma of “Biomedical Laboratory Technician”.

Other information

Regular Reviewer of the Journal "Clinical Genetics", Editor in Chief: Prof Kare Berg, Institute of Medical Genetics, Oslo, Norway.
Reviewer for the Journal “Human Molecular Genetics” , Editor Prof K Davies
Member of the following Scientific Societies: AGI (Associazione Genetica Italiana), ASHG (American Society of Human Genetics), AIGM (Associazione Italiana di Genetica Medica), ASN (American Society of Nephrology)

Granted Fellowships

- He was granted a fellowship for abroad from AIRC (Associazione Italiana Ricerca sul cancro), from 1987 to 1989, to stay at the Genetic Epidemiology Department of Medical Informatics, Salt Lake City, USA.
- He was granted a two-year fellowship from the University of Verona and Azienda ospedaliera (Verona), 1987-89.

Research Funding Information

-Progetto Finalizzato "Ingegneria Genetica"
sottoprogetto 5: Mappaggio e sequenziamento del genoma umano: principal investigator "Isolamento, caratterizzazione e localizzazione di nuovi cloni polimorfici nella regione q24- qter del cromosoma X umano"
sottoprogetto 4: Malattie ereditarie, principal investigator “Studi di linkage genetico e ricerca di mutazioni nei geni PKD1 e COL4A5 in famiglie con malattia renale policistica autosomica dominante (ADPKD) e sindrome di Alport (SA)", for the years 1991, 1992, 1993, 1994, 1995.
- Ministry “Fondi 60% MURST “ for 1993/1994 e 1994/1995, principal investigator "Analisi genetiche molecolari in famiglie con malattia remale policistica autosomica dominante e in famiglie con sindrome di Alport".
- Telethon: two-year funding 1995-1996 (100 million lire), project "Detection of disease mutations in the PKD1 gene, and genotype-phenotype correlations in a large collection of families with ADPKD1" (E.253).
- Principal investigator for the regional grant request “Ricerca Sanitaria Finalizzata”, 1995-1996, Convenzione Azienda Ospedaliera "Predisposizione genetica ai tumori della mammella e dell'ovaio", 40 million lire.
- Telethon: two-year funding 1997-1999 (105 million lire), project E.628 “Mapping of the PKD3 gene by genome-wide scanning”.

Publications

- 142 abstracts/oral presentations at National and International scientific meetings
- 55 full articles published in peer reviewed International journals