

EUROPEAN CURRICULUM VITAE FORMAT



PERSONAL INFORMATION

Name	Matteo Curtarello
Institute	Istituto Oncologico Veneto IRCCS Immunology and Molecular Oncology Unit
Address	Istituto di Ricerca Pediatrica "Città della Speranza" Corso Stati Uniti 4, Piano 7, Lato Sud, 35129 Padova
Telephone	+39 049.821.1491 (Office) / 049.821.1426 (Laboratory)
E-mail	matteo.curtarello@iov.veneto.it
Nationality	Italian
Date of birth	July 21, 1978

WORK AND RESEARCH EXPERIENCE

- Date (from – to) 02/03/2015 – present
- Name and address of the employer Immunology and Molecular Oncology Unit
Istituto Oncologico Veneto IRCCS, Padova
- Occupation or position held Dirigente Biologo
- Main activities Pharmacogenetics: 1) Determination of more relevant single nucleotide polymorphisms (SNPs) in DPYD and UGT1A1 genes respectively associated to fluoropyrimidine or irinotecan acute toxicity (diagnostic activity); 2) Application of an absorption, distribution, metabolism, excretion and toxicity (ADMET) panel to study gene variants associated to toxicity to several drugs commonly used in oncologic patients (research activity).
Application of liquid biopsy in gastric-esophageal oncologic disease (GEOD) patient's management to find useful biomarkers to monitor target therapy response or recurrence (research activity).
- Date (from – to) 01/01/2014-01/03/2015
- Name and address of the employer Immunology and Molecular Oncology Unit, MD Indraccolo Laboratory
Istituto Oncologico Veneto IRCCS, Padova

- Occupation or position held
 - Main activities
 - AIRC Postdoctoral fellowship
 - Research activity in the project titled “*Metabolic evolution of tumors by anti-VEGF therapy and therapeutic implications*”.
 - Date (from – to)
 - 01/07/2009-31/12/2013
- Name and address of the employer
 - Immunology and Molecular Oncology Unit, Prof. Amadori Laboratory
 - Istituto Oncologico Veneto IRCCS, Padova
- Occupation or position held
 - Main activities
 - Postdoctoral position
 - Study of tumor dormancy and response to anti-angiogenic therapy.
 - Date (from – to)
 - 01/05/2008-30/04/2009
- Name and address of the employer
 - Antidoping and Forensic Toxicology Unit, Prof. Ferrara Laboratory
 - Azienda Ospedaliera di Padova
- Occupation or position held
 - Main activities
 - Postdoctoral position
 - Identification of single nucleotide polymorphisms (SNPs) in GAD67 gene associated with alcoholism.
 - Date (from – to)
 - 01/01/2004-31/12/2007
- Name and address of the employer
 - Department of Histology, Microbiology and Medical Biotechnology, Prof. Palù Laboratory
 - University of Padova
- Occupation or position held
 - Main activities
 - Doctoral student
 - Study of the immunomodulatory activity of Human Herpes virus 8 (HHV-8) glycoprotein vOX2 on monocytes-macrophages.

Publications

Author of 16 scientific publications in peer-reviewed Journals, in particular 15 “*original reports*” and one *review*. The majority of papers regard the relations between tumor cell metabolism and response to anti-angiogenic therapy. Author of several abstracts presented to national and international workshop and congress.

Total H-Index (updated February 2019): 9 (SCOPUS)

ORCID ID: 0000-0003-3133-4807

RESEARCH ID: K-4021-2016

SCOPUS ID: 13404407900

EDUCATION AND TRAINING

- Date (from – to)
 - 09/07/2012-05/07/2017
- Name and type of organization providing education and training
 - University of Milano
- Principal subject/occupational skills
 - Residency in Clinical Biochemistry
- Title of qualification awarded
 - Resident in Clinical Biochemistry

- Date (from – to) 10/11/2009-13/12/2010
- Name and type of organization providing education and training University of Bologna
- Principal subject/occupational skills Molecular and Cellular Biology (LM-6)
- Title of qualification awarded Biologist

- Date (from – to) 01/01/2004-31/12/2007
- Name and type of organization providing education and training University of Padova
- Principal subject/occupational skills Virology and Microbial Biotechnology
- Title of qualification awarded PhD

- Date (from – to) 30/10/1997-20/02/2004
- Name and type of organization providing education and training University of Bologna
- Principal subject/occupational skills Medical Biotechnology
- Title of qualification awarded Biotechnologist

**TECHNICAL SKILLS AND
COMPETENCES**

Cellular Biology: cell cultures, transfection techniques, viral vectors production, immunofluorescence assays, cytofluorimetric analysis, immunohistochemistry, proliferation and apoptosis assays.

Molecular Biology: bacteria transformation, cloning techniques, plasmid DNA preparation, enzyme digestion, eukaryotic DNA and RNA extraction, gel electrophoresis of nucleic acids, PCR, RT-PCR and real-time RT-PCR techniques, microarray techniques, western blot, ELISA, Sanger sequencing, pyrosequencing and next generation sequencing.

Forensic Genetics: DNA extraction from blood, oral swab, bone tissue, etc. Multiplex PCR techniques, Short tandem repeats (STRs) analysis, single nucleotide polymorphisms (SNPs) analysis.

Experiments in mouse model of ovarian and colorectal cancer.

MOTHER TONGUE

ITALIAN

OTHER LANGUAGES

ENGLISH

• Reading skills

EXCELLENT

• Writing skills

EXCELLENT

• Verbal skills

ADVANCED

03/06/2020

Matteo Curtarello

“Il sottoscritto autorizza il trattamento dei dati personali contenuti nel presente Curriculum Vitae ai sensi del Regolamento UE 2016/679, ai fini della partecipazione al presente bando”