

PERSONAL INFORMATION

Alessia Foscarini



✉ alessia.foscarini01@universitadipavia.it

Sex F | Date of birth 21/10/1993 | Nationality Italian

POSITION

PhD student in “Genetics, Molecular and Cellular Biology”

EDUCATION AND TRAINING

01/10/2018 – to date

PhD student in “Genetics, Molecular and Cellular Biology”

Laboratory of Human Genetics-Cancer Genetics; Department of Biology and Biotechnology, University of Pavia (Italy)

Scientific supervisor: Prof. Guglielmina Nadia Ranzani

- Main research activity: study of genetic lesions in gastrointestinal tumours

24/10/2016 – 26/07/2018

Master’s Degree in Experimental and Applied Biology (LM-6)

Curriculum: Biomedical and molecular sciences

University of Pavia

- Courses and exams: Advanced cell biology, Molecular pathology and immunogenetics, Human molecular genetics, Pharmacology and experimental therapy, Cellular and molecular physiology, Molecular biology of the cell, Medical biochemistry, Advanced microscopy, Molecular microbiology, Bioinformatics, Cytogenetics and chromosomal engineering.

Title of the experimental thesis: “TAS2R (bitter taste receptor) gene variants and colorectal cancer risk: preliminary data”

Thesis supervisor: Prof. G.N. Ranzani

Graduation grade: 110/110 *cum laude*

April 2017 – July 2018

Thesis internship

Laboratory of Human Genetics-Cancer Genetics; Department of Biology and Biotechnology, University of Pavia (Italy)

- Utilized molecular methods: DNA extraction from peripheral blood; purification, quantification and quality assessment of nucleic acids; primers’ design and PCR; RFLP genotyping; DNA gel electrophoresis; DNA sequencing and sequence analysis. Utilized bioinformatic tools: NCBI (Entrez, Pubmed, OMIM, ClinVar, Nucleotide, dbSNP, Gene, Protein), Primer3, Ensembl, UniProt, BLAST, ClustaW2, Polyphen2, SIFT.

05/10/2012 – 14/07/2016

1st Level Degree in Biological Sciences (L-13)

Curriculum: Sanitary-Molecular

University of Urbino “Carlo Bo” (Italy)

- Courses and exams: General and inorganic chemistry, Organic chemistry, Mathematics, Cytology and Anatomy, General hygiene, Immunohematology, Laboratory of biomolecular methods, Genetics, Physics, English, Animal biology, Biochemical methods, Biochemistry, Molecular biology, Clinical biochemistry and Clinical molecular biology, Physiology, Microbiology and Virology, Cytochemistry and Histochemistry, Experimental cytometry.

Title of the thesis: “Stem cell isolation from different sources and their *ex-vivo* expansion”

Thesis supervisor: Prof. Barbara Canonico

Graduation grade: 110/110

July – September 2015

Internship

Clinical pathology laboratory, M. Tamborrino hospital, Maglie (ASL Lecce)

- Clinical and bacteriological analysis of different biological specimens (blood, urine, faeces, sputum, vaginal and other swabs-based parasitological analyses)

2007 – 2012

High school diploma

Scientific high school “L. Da Vinci” (Italy)

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B1	B1	B1

Communication skills

Good communication skills gained through public scientific talks, meetings and journal clubs

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Independent user	Basic user	Independent user	Independent user

Informatics and bioinformatics skills: Microsoft Office (Word, Power Point, Outlook, Excel), Windows 10 and previous versions, IOS e Android.

Driving licence AB