europass

Virginia Batignani

WORK EXPERIENCE

01/06/2021 – CURRENT Milano, Italy

GRADUATE RESEARCH FELLOW EMERGING BACTERIAL PATHOGEN UNIT, IRRCS SAN RAFFAELE HOSPITAL

- Sequencing related activities: extraction and quantification of DNA samples, Illumina and Oxford Nanopore Technologies (ONT) library preparation, raw reads analysis (ex. phylogenetic tree, cluster and resistome analysis)
- Standard microbiological activities (cell culture, solid and liquid growth medium preparation)
- Proficient in working under BSL2 and BSL3 laboratory

01/10/2019 – 22/01/2022 Milano, Italy

INTERNSHIP STUDENT DIVISION OF EXPERIMENTAL ONCOLOGY, URI (UROLOGICAL RESEARCH INSTITUTE), IRRCS SAN RAFFAELE HOSPITAL

- Molecular biology and biochemical techniques: Real Time PCR, designing of cloning and PCR primers, Western Blotting, agarose gel electrophoresis, RNA, DNA and protein extraction, quantification.
- Cellular culture techniques: cell transfection, viability assay.
- Extracellular vesicles: isolation, quantification, protein and nucleic acids extraction.

EDUCATION AND TRAINING

10/2018 – 22/01/2022 Milano, Italy

MASTER'S DEGREE IN BIOTECHNOLOGY AND MEDICAL BIOLOGY University Vita-Salute San Raffaele

During the internship, I have analysed molecular mechanisms behind cancer progression and spreading in metastasis, in order to identify new putative therapeutic targets, with a particular attention on lncRNA and miRNA in bladder cancer.

Final grade 105/110 | **Thesis** Analysis of long non-coding RNA altered in bladder cancer progression

09/2015 – 11/2018 Firenze, Italy

BACHELOR'S DEGREE IN BIOLOGY University of Florence

During thesis internship, I have analysed the functional role of nuclear receptor NRF2 in pancreatic cancer progression.
Work activities:
- Basic research techniques: Real Time PCR, retrotranscription, haematoxylin and eosin staining, Immunohistochemistry assay
- Data analysis

Final grade 103/110 |

Thesis Analysis of the expression of nuclear receptor NR2F as a tool for prediction pancreatic cancer progression

09/2010 – 07/2015 Prato, Italy

DIPLOMA AT LICEO DELLE SCIENZE UMANE G. Rodari

LANGUAGE SKILLS

Mother tongue(s): **ITALIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Microsoft Office

ADDITIONAL INFORMATION

PUBLICATIONS

Advantages of long- and short-reads sequencing for the hybrid investigation of the Mycobacterium tuberculosis genome

– 2023

Di Marco F, Spitaleri A, Battaglia S, Batignani V, Cabibbe AM, Cirillo DM.

Whole-genome sequence analysis of clinically isolated carbapenem resistant Escherichia coli from Iran

– 2023

Haeili M, Barmudeh S, Omrani M, Zeinalzadeh N, Kafil HS, Batignani V, Ghodousi A, Cirillo DM.

CONFERENCES AND SEMINARS

25/06/2023 – 28/06/2023 – Tirana, Albania
European Society of Mycobacteriology, 43rd Annual Congress Oral presentation entitled "*Xpert MTB/XDR assay for the rapid diagnosis of TB resistance. A country wide cross sectional observational prospective study from Pakistan"* at the "Student mini-symposium on new drugs and DR TB"

15/04/2023 – 18/04/2023 – Copenhagen, Denmark
European Congress of Clinical Microbiology and Infectious Diseases Oral presentation entitled "*Long read sequencing to support outbreak investigations in the healthcare setting",* at the ePoster Flash Session

26/06/2022 – 29/06/2022 – Bologna, Italy
European Society of Mycobacteriology, 42nd Annual Congress