

MEDICAL BIOTECHNOLOGIST



Ivan Anchesi

12-03-1991

LANGUAGES AND DIGITAL SKILLS

- Italian - Mother tongue
- English - B1

- EIPASS 7 Modules
- Galaxy
- GraphPad
- ImageJ
- Pubmed

WORK EXPERIENCE

Healthcare researcher

IRCCS Centro Neurolesi Bonino Pulejo
(23/08/2023- Ongoing)

Research fellow

IRCCS Centro Neurolesi Bonino Pulejo
(25/02/2022- 22/08/2023)

Research fellow for biotechnology graduates of the research line three current neuroimmunology, experimental neurology, molecular biology approved by the Ministry of Health

Internship

Laboratory of Biology and Genetic - AOU Policlinico Messina
(2017-2018)
(2020-2022)

Internship

Department of Biomedical, Metabolic and Neuroscience -
Modena
(2019-2020)

Internship

Department BIOMORF - University of Messina - Polo
Annunziata
(2017-2018)

SKILLS

Lab skills:

- Western Blot
- Nucleic acid extraction
- Proteins extraction
- PCR and variants (qPCR/RT-PCR)
- Transcriptomic analysis
- ELISA
- In vitro experimentation
- Pharmacological treatments
- Ability to independently write articles and reviews
- Data analysis (GraphPad)
- NGS samples preparation (Illumina)

CONFERENCES

VI Workshop - Applicazioni della Risonanza Magnetica nella Scienza degli Alimenti

[Roma, 2018]

Speaker: "Quantificazione della trimetilammina (TMA) e trimetilammina-N-ossido (TMAO) nei fluidi biologici: effetti specifici della dieta"

Silae2018

[Milazzo (ME), Italia, 2018]

Poster presentation: "Quantification of trimethylamine (TMA) and trimethylamine oxide (TMAO) for diagnostic and targeted diet purposes"

Non-coding RNAome of oxidative stressed and normal RPE cells suggests unknown regulative aspects

[Messina, 18/09/2017 - 21/09/2017]

Non-coding RNAome of oxidative stressed and normal RPE cells suggests unknown regulative aspects of Retinitis pigmentosa etiopathogenesis. Mathematical Modelling of Self-Organizations in Medicine, Biology and Ecology: from micro to macro.

I authorize the treatment of personal data contained in my curriculum vitae based on art. 13 of Legislative Decree 196/2003 and art. 13 GDPR 679/16

EDUCATION

Enrolment in the register of biologist - Section A

Sic_A6883

University of Messina 11-02-2023

Master's degree in Medical Biotechnology - Regenerative Medicine

University of Modena and Reggio Emilia - (a.a. 2020/2021)

Thesis: "Analisi di un cluster di G-quadruplex mediante WGA e WGS in un paziente affetto da retinite pigmentosa: uno studio preliminare"

Bachelor's degree in Biotechnology

University of Messina - (a.a. 2016/2017)

Thesis: "Dal genotipo al fenotipo: analisi genetico-molecolare e chimico-analitica del gene FMO3 in un caso di trimetilaminuria"

Bachelor's degree in Movement, Sport and Health Sciences

University of Messina - (a.a. 2012/2013)

PUBLICATIONS

" Δ 8 -THC Induces Up-Regulation of Glutamatergic Pathway Genes in Differentiated SH-SY5Y: A Transcriptomic Study" |

30/05/2023

Journal: MDPI-International Journal of Molecular Sciences

Authors: Ivan Anchesi, Giovanni Schepici et al.

"Cannabigerol Activates Cytoskeletal Remodeling via Wnt/PCP in NSC-34: An In Vitro Transcriptional Study" |

03/01/2023

Journal: MDPI-Plants

Authors: Ivan Anchesi, Federica Betto et al.

"Can a Scaffold Enriched with Mesenchymal Stem Cells Be a Good Treatment for Spinal Cord Injury?" |

07/07/2022

Journal: MDPI-International Journal of Molecular Sciences

Authors: Santino Blando, Ivan Anchesi et al.

"Germ-line/somatic DNA comparison in sporadic patients with cerebral cavernous malformations" |

07/07/2017

Journal: Euromediterranean Biomedical Journal

Author: Ivan Anchesi