

PERSONAL INFORMATION

Family name, First name: VERDE ROBERTA

Date and Place of birth: 28 April 1982, Napoli (IT)

Professional Address: Institute of Biomolecular Chemistry-National Research Council (ICB-CNR), Via Campi Flegrei 34, 80078 Pozzuoli (NA)

EDUCATION

2001-2004: B.Sc. in Biomedical Laboratory Technician

Second University of Naples, Luigi Vanvitelli - Supervisor: Prof. Alessandro Weisz

CURRENT POSITION

2009-present: Laboratory Technician, CTER VI levels - Institute of Biomolecular Chemistry (ICB) – CNR Pozzuoli (Na)

PREVIOUS POSITIONS

2005-2009: Laboratory Technician, The Telethon Institute of Genetics and Medicine (TIGEM)- Pozzuoli (Na)

ACTIVITIES AND RESPONSABILITIES

21/01/2021: Instructor Point from for purchases in MEPA

10/12/2020: Registration in the National Register of RUP of the CNR referred to in prot. CNR n. 3083 / 10-12-2020

EXPERTISE

Analytical chemistry: extraction of bioactive lipids from cells and tissues of animal and human origin, purification of bioactive lipids on silica gel;

Mass spectrometry: quantification of bioactive lipids by LC-APCI-MS, quantitative determination of phytocannabinoids by LC-MS-IT-TOF;

Cell biology: cultured and suspended transformed cell lines;

Biochemistry: protein dosage of cellular extracts with the Bradford method, electrophoretic techniques, immunoblotting, cytotoxicity and proliferation assays;

Molecular biology: transfections, RNA and DNA extraction, transcriptions, in situ hybridizations;

Pathological anatomy: dissection of mouse embryos, inclusion, cryostat cutting and procedures for processing anatomical prepared materials (fixation, acetylation, dehydration and various stains).

MANAGEMENT ACTIVITIES

Management of laboratory equipment, updating and maintenance of the same

Control of warehouses and periodic formulation of inventories

Detection and sorting of reagents and laboratory materials

Disposal of toxic and harmful waste and relative keeping of loading and unloading records (drugs)

Management of loading and unloading of radioactive probes, declaration and disposal of the same

Coordination of purchase requests for laboratory products and materials, optimization of expenses, and conducting contacts with supplier companies

Plastic / material storage management

Knowledge of maintenance procedures for chemical, biological and Biohazard hoods, disassembly, filter change and repair

Knowledge of the procedures for the maintenance of the water system, services and system management for drinking, distilled and ultra-distilled water.

Management of instrumentation related to cell biology: revision of CO₂ incubators, laminar flow hoods, verification of CO₂ conduction system, refrigerators, freezers, periodic control of air flows to ensure sterility in the environment, and management of the related DPI and DPC connected to the activities.

Management of instrumentation related to molecular biology: overhaul of benchtop centrifuges, automatic samplers, sonicators, replacement and repair of small instrumentation components for real time PCR analysis, management of the related DPI and DPC related to the activity

Management of equipment related to chemistry and biochemistry: periodic review of: HPLC, replacement and management of separation columns, solvents. Gas chromatographs. Management of equipment for tlc and column chromatographic analysis. Salts, solvents, acids, bases, precursors, catalysts and indicators for organic and inorganic synthesis.

ORGANIZATION OF SCIENTIFIC MEETINGS

12/09/2019-13/09/2019 Title: Validation of LC-MS and LC-MS/MS methods in the scientific research/Workshop organization. Convening institution: Italian Society of Chemistry (Division of Mass Spectrometry)- ICB CNR – Accredia. City: Pozzuoli (NA), Italy

https://www.spettrometriadimassa.it/Congressi/Method_Validation_2019/comitatiMethod_Validation_2019.html

04/03/2019-05/03/2019 - 15/05/2018-16/05/2018 - 03/04/2017-04/04/2017 Title: 4th-3rd-2nd MS Pharma School/School organization. Convening institution: Italian Society of Chemistry (Division of Mass Spectrometry)- ICB CNR – Shimadzu Italy- GW Pharma. City: Pozzuoli (NA), Italy

https://www.spettrometriadimassa.it/scuole_pratiche/4MSPharmaschool/index.html

https://www.spettrometriadimassa.it/scuole_pratiche/2018/3MSPharmaschool/index.html

https://www.spettrometriadimassa.it/scuole_pratiche/2017/2MSPharmaschool/index.html