

RAOUL FIORAVANTI



EDUCATION AND TRAINING

10/2017–02/2021

Ph.D. in Chemistry - University of Rome "Sapienza", Istituto Superiore di Sanità (Italian Institute of Health)

Knowledge acquired:

- Protein purification and characterization (LPLC, Electrophoresis, dot-blot, UV)
- Liposome formulation and characterization (DLS, Fluorescence)
- SPR technique (Biacore® technology)

Ph.D. project: " Interaction Study of Prefibrillar Oligomers of Salmon Calcitonin with Cellular Model Membranes aimed to design Nanocarriers for Diagnosis and Cure of the Amyloid-related Diseases"

Supervisors: Prof. Ilaria Fratoddi, Chemistry department of University of Rome "Sapienza"; Prof. Marco Diociaiuti, ISS.

09/2014–09/2017

Master Degree in Chemistry - University of Rome "Sapienza"

Knowledge acquired:

- Solid-state Chemistry
- Nanostructured materials
- Synthesis and characterization of organic, organometallic and inorganic compounds

Practical experience in Nanomaterials laboratories.

Master Thesis: "Synthesis and characterization of Metallic Nanoparticles (MNPs) stabilized by bifunctional thiol ligands" Supervisor: Prof. Ilaria Fratoddi, Chemistry department of University of Rome "Sapienza".

09/2009–07/2014

Bachelor Degree in Chemistry - University of Rome "Sapienza"

Bachelor Thesis: "Design of Squaraine-type sensitizers for n-type solar cells (n-DSSC)"; Supervisor: Prof. Danilo Dini, Chemistry department of University of Rome "Sapienza".

PERSONAL SKILLS

Languages

Italian – Mother Tongue

English – Intermediate, European Reference Level: B2

German – Beginner

Digital Competences

Full knowledge of the Office Suite

Analysis and data manipulation with data processing software (OriginLab, Biacore Software)

ADDITIONAL INFORMATION

- Good communication skills matured during the years of group sports and university studies.
- Thanks to working and university experiences, I am able to organize and supervise difficult situations and cooperate with other staff members.