

# Stefano Aiello

## WORK EXPERIENCES AND POST-DEGREE EDUCATION

2016/11 – present

### PhD researcher in Chemical Sciences

“La Sapienza” University - Department of Chemistry, Rome, Italy

*“Development of liposomes loaded with antibacterial molecules for the treatment of biofilm enhanced bacterial infections”*

## EDUCATION

05/10/2014 – 15/07/2016

### Master Degree in Chemistry (Major in Organic Chemistry)

“La Sapienza” University - Department of Chemistry, Rome, Italy

• Master Thesis: *“Studio dell’Ossidazione di Solfuri Aromatici Promossa da Complessi di Ferro Noneme”*

• Graduation mark: 110/110 cum laude.

05/10/2011–17/09/2014

### Bachelor’s Degree in Chemistry (Major in Organic Chemistry)

“La Sapienza” University - Department of Chemistry, Rome, Italy

• Bachelor Thesis: *“Studio di processi ossidativi catalizzati da complessi imminici di ferro noneme”*

• Graduation mark: 109/110

2006/09 – 2011/07

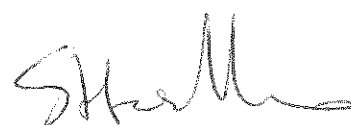
### Scientific Diploma

“A. Avogadro” Scientific High School, Rome, Italy

## LANGUAGES

*Italian:* Native

*English:* Advanced (C1)



## **TECHNICAL SKILLS AND COMPETENCIES**

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Experience in organic synthesis, supramolecular chemistry (preparation and characterization of micelles and liposomes) and polymer chemistry. Experience in the study and definition of reactions mechanisms. Knowledge of chromatographic and analytical techniques for chemical investigation (HPLC, gas-chromatography, UV-Vis, fluorescence, NMR, FT-IR, mass spectroscopy).

Knowledge of techniques to investigate materials mechanical properties (static and dynamic). Excellent command of Microsoft Office tools: Word, Excel, Power Point (ECDL certification) Advanced knowledge of ChemDraw, MestreNova, SigmaPlot, Kaleidagraph.

*S. Hall*