Curriculum Vitae

Personal information

First name / Surname	**Giulia Montanari**
Nationality	Italian
Date of birth	05/04/1987
Gender	Female

Education and training

Dates	09/2006 - 09/2009
Title of qualification awarded	Bachelor Degree in Chemistry Grade: 110/110 Thesis: "Synthesis and characterization of 3D scaffold prepared using bioactive phospho-silicate glass"
Name and type of organisation providing education and training	Università degli Studi di MODENA e REGGIO EMILIA – Facoltà di SCIENZE MATEMATICHE FISICHE E NATURALI
Dates	10/2009 – 04/2012
Title of qualification awarded	Master Degree in Chemical Sciences Grade: 110/110 cum laude Thesis "Study of the reactivity of Iron (II) and Chromium (VI) in respect to hematite"
Name and type of organisation providing education and training	Università degli Studi di MODENA e REGGIO EMILIA – Facoltà di SCIENZE MATEMATICHE FISICHE E NATURALI
Studies and experiences abroad	European Union program: Erasmus Language: English Duration of studies in months: 6 Country: Denmark, University of Copenhagen
	Pre-university studies Secondary school diploma: SCIENTIFIC CERTIFICATE School-leaving examination taken in (year): 2006 Grade: 100/100 Italian secondary school diploma

Personal skills and competences

Mother tongue(s)	Italian
Other language(s)	English

Principal subjects/occupational skills covered	– Determination of the chemical structure of crystalline substances, amorphous, simple and complex molecular systems; – Synthesis of substances and materials, laboratory activities; – Means of chemical-physical properties of materials and substances, determination of the relation between property-composition, property-function, property structure, – Use of bibliographic instruments and computer systems; – Ability of problem-solving in non-familiar area; ability to work in a team and to operate with defined degrees of autonomy.
Technical skills and competences	General view of the majority of the analytical instrumental techniques applied in chemistry, during my period of studies: Spectroscopy IR, NMR, X-rays, UV-Vis, AAS, GFAAS, ICP; Chromatographic separation tecniques; Microscopy SEM, AFM; Thermal analysis TG, DSC, DFT. In particular, during my thesis project I worked with Atomic Force Microscope (AFM) and Scanning Electron Microscopy (SEM-EDS).
Computer skills and competences	- Good knowledge of Office (Word, Excel, Power Point) - Programming languages known: Matlab, Pascal