



Cinzia Marceddu



Imanova
Centre for Imaging Sciences

Current Position

PhD Student/EarlyStage Researcher (Imanova Limited, Centre for Imaging Sciences, Imperial College London)

Project: Use of in vivo Diels Alder click chemistry for PET imaging of atherosclerosis using antibodies

Supervisor: Dr. Jan Passchier

Education (Alma Mater Studiorum University of Bologna)

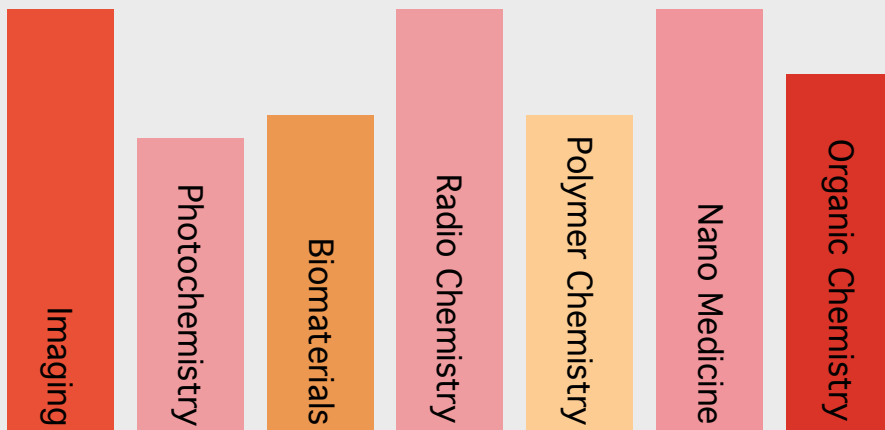
Research Master: Photochemistry and Molecular Materials

- Radio-labelling of targeted nanoparticles for bio-distribution studies

Tutors: Dr. Jordi Llop (CICbiomaGUNE) / Prof. Mauro C. Franchini (UniBO)

Bachelor Degree: Chemistry and Material Chemistry

Research Interests



Tools & Instruments

DLS	●●●
HPLC	●●●●●
NMR	●●●
γ-Counter	●●●
Radio TLC	●●●●
Hot Cell	●●●●●
Microsoft Office	●●●●
Chem Draw	●●●●

Skills

- Organised
- Precise
- Team worker
- Self-governing
- Multi-tasking
- Good communicational skills
- Valuable ability to synthesise information

Personality

▲ Optimistic	▼ Headstrong
Empathetic	Emotional
Resourceful	Punctilious
Reliable	
Friendly	
Extroverted	

Jan 2016–Sept 2016 **PhD Student / Early stage Researcher** (Imanova Limited, Centre for Imaging Sciences, Imperial College London)

Project: Use of *in vivo* Diels Alder click chemistry for PET imaging of atherosclerosis using antibodies

Supervisors: Dr. Jan Passchier

WORK EXPERIENCE

Jan 2016–Sept 2016 **Junior researcher** (Vrije Universiteit Amsterdam, radionuclide centrum RNC)

Project: Synthesis of C₂-Symmetric chiral quaternary ammonium bromide as novel chiral phase-transfer catalyst for asymmetric phase-transfer catalysis in ¹¹C chemistry

Supervisor: Prof A.D. Windhorst

Tasks:

- Synthesis of phase transfer catalyst
- Synthesis of peptides
- Labelling of small peptides with [¹¹C]
- Writing progress reports
- Preparing presentation for results discussion

2006–2015 **Bartender** (Punto Ristoro Ospedale Villa Verde, Reggio Emilia, Italy, **summer job 2014**)

Traffic-viability observer (Polinomia urban planning, Milano, Italy **on call 2011-2012**)

Shop salesperson (Mercato Ortofrutticolo “ La Lanterna”, Reggio Emilia, Italy **summer job 2010**)

Promoter (Promoveo, Milano Italy **on call 2009- 2010**)

Babysitter tutor (**on call 2006-2015**)

EDUCATION AND TRAINING

2011–2015 **Master degree (Second cycle degree) "Photochemistry and molecular materials"**

Alma Mater Studiorum University of Bologna, Bologna (Italy)

Thesis "Synthesis and radio-labeling of polymeric nanoparticles for imaging and biodistribution studies, focusing on the blood brain barrier"

Supervisors: Dr Jordi R Llop; Prof Mauro Comes Franchini

Main subjects:

- Nanostructured, Molecular and Biomimetic Systems and Materials
- Radiation Chemistry
- Polymers Science
- Organic Chemistry

2007–2011 **Chemistry Bachelor degree "Chimica dei materiali"**

Alma Mater Studiorum University of Bologna, Bologna (Italy)

Thesis: Synthesis of Constrained Peptidomimetics Containing 2-Oxo-1,3-oxazolidine-4-carboxylic Acids"

Supervisor: Prof. Claudia Tomasini; Dipartimento "Giacomo Ciamician" Unibo

2001–2007 **Scientific High School Diploma**

Liceo Scientifico Statale Aldo Moro, Reggio Emilia (Italy)

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	B2
Spanish	A2	A2	A1	A1	

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Communication skills

While working on my research project for my master thesis (both at the University of Bologna and at the research centre CiCbiomaGUNE in Spain), I learned how to communicate (verbally and written) inside a multicultural environment. This ability has been further reinforced during my period as Junior Researcher at the V.University in Amsterdam, where was necessary to write progress reports and prepare presentation for the frequent group meetings.

I consider myself a team worker, but i'm also capable to organise my own work and work by myself, for example I'm currently working of different topics at the same time

Organisational / managerial skills

I am able to organise my work, both in lab and office, and to plan in advance my experiment and to coordinate with the rest of the group in order to have all the necessary instruments available. The work at the V. University and my apprenticeship in San Sebastian allowed me to gain experience dealing with "Hot labs" and radioisotopes, planning experiment considering both decay time and the ALARA rule.

Digital competence

Microsoft Office Suite intermediate skills.

Driving licence

B1