

PERSONAL INFORMATION

Rocco Roberto Tangorra



WORK EXPERIENCE

March 2018 – to date

R&D and Quality Group Manager

Dentis Recycling Italy, S. Albano Stura (CN, Italy)

www.dentispet.it

- Coordination of the **Group Quality and R&D Labs activities** (Italy, Spain and France) for the production of recycled plastic.
- Optimization of the **recycling process of post-consumer PET bottles** to recycled PET flakes, leading the developments of alternative viable applications of recycled based products.
- Technical support for the industrialization of new products and management of the existing ones.
- Collaboration with Operation and Sales management for the evaluation of continuous product improvements
- **Regulatory affair activities manager** for PET recycled applications in food packaging market.
- Environmental and process procedures implementation compliant to **ISO 9001 and 14000**, taking care of customer claims.
- **Group Expert Representative** at all levels for the **plastic industry associations** and authorities.
- Customer after-sales support.

Business or sector Plastic Packaging Company

April 2013 – March 2018

Process Development Technologist

Mossi Ghisolfi Group, Tortona (AL), Italy

www.gruppomg.com/en/business/

- Development of innovative chemical processes at laboratory and pilot scales for the production of **high-value added biobased chemicals** (eg. **PET monomers**) from **2nd generation biomass**.
- Research in new formulations and applications of **plastic resins in food and beverage field**.
- Coordinator of the chemical - process laboratory activities.
- **Support to the engineering team** for the scale-up to the commercial scale of new production processes.
- 13 months as R&D Chemist at M&G Sharon Center facility, OH, USA.

Business or sector Chemical Company

EDUCATION AND TRAINING

January 2012 – April 2015

PhD in Chemical Sciences – Chemistry of Innovative Materials

Università degli Studi di Bari "Aldo Moro", Italy

Thesis: "Photosynthetic protein based – Hybrid Systems for Energy Conversion"

Specialization in **Physical Biological Chemistry and in Organic Chemistry**

Research Interests: Design of **hybrid organic-biological devices** based on photosynthetic proteins **for the solar energy conversion**; Synthesis of organic policonjugated compounds; Extraction and purification of membrane proteins and study of their enzymatic activities. Oral contributions at several national and international meetings (>25); **co-authors of several scientific publications (>15, e.g. Ang. Chem., PNAS)**.

PhD student in Apprenticeship at M&G Chemicals facility (Italy and USA) from 2013 to 2015.

Awards: PhD Dissertation awarded as **best Doctoral Thesis in Physical Chemistry** in 2015 from Italian Chemical Society – Physical Chemistry Committee.

November 2011 **Chemical Profession License**
Università degli Studi di Bari "Aldo Moro", Italy

Sept. 2008 – July 2011 **Master's degree (2 years) in Chemistry**
Università degli Studi di Bari "Aldo Moro", Italy

Final grade: 110/110 cum laude

Thesis in **Organic Chemistry and Physical Chemistry**: "Bioconjugation of polyconjugated fluorophores to photosynthetic proteins".

Sept. 2005 – Dec. 2008 **Bachelor's Degree (3 years) in Chemistry**
Università degli Studi di Bari "Aldo Moro", Italy

Final grade: 110/110 cum laude

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	B2	B2	C1
French	B1	B2	B2	B2	B1
Spanish	A2	A1	A2	A2	A1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Organizational / managerial skills Good problem solving skills, ability to work in a team, Coordination of 15 people team in three different plants, proven organizational and prioritization skills. Ability to lead complex

Computer skills Excellent knowledge of Scientific data analysis software (Origin, Sigmaplot, PeakFit) and of Microsoft Office tools and Windows operating system.
Good knowledge of modeling software (Matlab) and analytical lab management software (CQT, Starlims); BI user (QlickView, Power BI) and basic knowledge of Sap software.

Personal Information Driving License cat. B; own car. I am willing to travel.

I grant permission for my personal data to be used, as per Italian Act D. Lgs. 196/2003.