

# Paolo Di Procolo

Address:

Phone number:

Mail address:

Sex:

Date of birth:

Nationality:

## Work experience

---

– 2014 March - Ongoing

Post-Doctoral fellowship - University of Eastern Piedmont “Amedeo Avogadro”, Novara (Italy)  
Analysis of the processes involved in R&D of drugs for neglected diseases, economic evaluation: cost effectiveness, cost benefit and cost of illness analysis  
*Claudio Jommi* - Associate Professor of University of Eastern Piedmont “Amedeo Avogadro”,

– 2010 March – 2010 November

Trainee at guest lab Novartis Vaccines and Diagnostics, Siena, Italy;  
Biochemical and biological analysis in TLR/SMIPs vaccine project;  
*Enrico Balducci*, Ph.D.

– 2009 December – 2010 February

Trainee at Department of Clinical and Molecular Endocrinology & Oncology, University of Naples “Federico II”;  
Characterization and analysis of proteins involved in the biological events under influences of Thyroid hormones;  
*Domenico Salvatore*, MD. PhD.

– 2009 May – 2009 November

Apprenticeship at the Hydrogest Campania S.p.A;  
Preliminary studies of biological process involved in water depuration;  
*Eng. Gaetano de Bari*.

## **Technical skills and competences**

---

- Excellent knowledge of research and development processes related to pre-clinical and clinical development of drugs derived from both synthetic chemicals and biotechnology processes, including result evaluation and statistical analysis of clinical trials (Phases, I, II, III, IV), Health Economics and Outcomes Research.
- Excellent capability to perform Economic evaluation: Cost-benefit, Cost-effectiveness and Cost-utility analysis, Health Technology Assessment analysis and Budget impact analysis in national and international settings.
- Good knowledge of methodologies and procedures to produce Global value dossier;
- Excellent knowledge of NHS regulation, pharmaceutical industry and medical technology that lead the access to the market (i.e. marketing authorization and market access regulation, pricing and reimbursement, government of prescribing behavior);
- Develop analytical databases from Randomized Clinical Trials source data, extract and validate clinical trials data.
- Qualitative and Quantitative analysis of Pharma-economics database (through raw data analysis, daily system checks, data entry, data auditing) in order to perform state of art analysis, produce dedicated reports and develop recommendation;
- Excellent skill to produce documentation and manage the Pharmaceutical companies regulatory department's requirements in order to interact with public authorities;
- Excellent skill in Quality assessment analysis and systematic review of both economic and scientific journal.

## **Molecular biology Skills and competences**

---

- *Extraction of genomic DNA from prokaryotic cells, mutagenesis and amplification with PCR method, cloning and expression of recombinant proteins, genomic DNA and RNA extraction from tissue and eukaryotic cells, nuclear protein and total protein extraction from eukaryotic cells.*
- *Microbiology method: Prokaryotic cell culture, bacteria cell transformation, conjugation of psychrophilic bacteria.*
- *Cell biology methods: Eukaryotic cell culture and cell transfection.*
- *Biochemical method: SDS-page, Western blotting, ELISA, immunoprecipitation, enzymatic and spectrophotometric assay, chromatographic method (batch, FPLC, HPLC) Real Time PCR, EMSA, Luciferase assay, cDNA preparation, mycoplasma detection assay.*

## Education

---

– *2010 November – 2014 January*

Ph.D in Pharmaceutical and Food Biotechnology  
University of Eastern Piedmont “Amedeo Avogadro”, Novara (Italy)  
Thesis title: “Current Research & Development on drugs for neglected diseases”

– *2006 March – 2009 March*

Master degree in Industrial and Molecular Biotechnology with final score 105/110  
University of studies of Naples “Federico II” (Italy)  
Thesis title: “Characterization of AidB protein in Escherichia coli and its putative involvement in bioremediation”

## Additional Training Courses

---

– *2011 January – 2011 June*

I attended as full time auditor the Specialization in Global Health and in Pharmaceuticals and Medical Technologies of the Master in International Health Management, Economics and Policy (Mihmep), at SDA School of Management, Bocconi University (Milan).

Within the elective courses attended in the above-mentioned Mihmep Specialisations, the most relevant for my PhD program were:

- Pharmaceutical Policy and Management, which provides an understanding of the pharmaceutical market dynamics from both the regulatory authorities’ and the pharmaceutical companies’ point of view. Course held by *Professor Claudio Jommi*.
- Economic evaluation, which aims at analyzing the different economic evaluation techniques of health care programs and technologies. Economic evaluation compares two or more alternative health care programs / technologies, in terms of benefits and costs. Course held by *Professor Rosanna Tarricone*.
- Global health strategies, which introduces students to global health issues, with a particular attention to the relationships between globalization, development and health. Course held by *Professor Eduardo Missoni*.

## Publications

---

- *Di Procolo P., Jommi C.:* (2014) Current Pipelines for Neglected Diseases. PLoS Negl Trop Dis 8(9): e3092. doi:10.1371/journal.pntd.0003092
- *Jommi C., Di Procolo P., Drago V.:* (2013) “Education and research on drug market access in low-income countries: the experience of the Department of Pharmaceutical Sciences in Novara” in E. Missoni, F. Tediosi (Editors), “Education in Global Health Policy and Management”, Egea, Milano, pages 129-151
- *Castagnini M., Picchianti M., Talluri E., Biagini M., Del Vecchio M., Di Procolo P., Norais N., Nardi-Dei V., Balducci E.:* (2012) Arginine-Specific Mono ADP-Ribosylation In Vitro of Antimicrobial Peptides by ADP-Ribosylating Toxins. PLoS ONE 7(8): e41417.

## Conferences

---

XVIII International Congress for Tropical Medicine and Malaria and XLVIII Congress of the Brazilian Society of Tropical Medicines. Rio de Janeiro (Brazil) from September 23 to 27, 2012

## Personal skills

---

Mother tongue: Italian

Other language: English

Understanding		Speaking		Writing	
Listening	Reading	Spoken interaction	Spoken production		
B1*	B1*	B1*	B1*	B1	

\* Level certified by American Business English School

## Social skills and competences

---

- *Excellent communication skills, both oral and written;*
- *Strong relational skills and competences improved also during job activity and travels around Europe and USA;*
- *Ability to manage and work with people with different age, experience;*
- *Problem-solving attitude;*
- *Ability to be flexible, work under pressure and easy adapt myself to new scenarios;*
- *Responsible and worth trust person.*

## Organizational skills

---

- *Excellent organizational skill developed during the studies and work experiences;*
- *Able to work, with minimum directions, on individual projects as well as on team;*
- *Proactive approach allows completing the projects within timeframe committed.*

## Computer skills

---

- *Very good knowledge of Microsoft Office software suite (Word, Excel, Power Point, Access);*
- *Excellent proficiency of the most common online bioinformatics tools and databases like: Pubmed, Medline, Embase, etc*

## Additional information

---

Able to travel on business or relocation

European Driving License Type B (Car)

I authorize the treatment of my personal data in accordance with Italian law: Decreto Legislativo 30 giugno 2003, n. 196 "Codice in materia di protezione dei dati personali".