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## ACADEMIC EMPLOYMENT

**1<sup>st</sup> December 2017– until now:** RtdB Analytical Chemistry (Senior Researcher/Assistant Professor) Department of Pharmaceutical Sciences, Università degli Studi di Milano.

**1<sup>st</sup> August 2016 – 30<sup>th</sup> November 2017:** Proteomics Senior Research Scientist (indefinite time contract), Analytical Support Unit, Institute of Food Research, Norwich, UK

**11<sup>th</sup> August 2014 - 31<sup>st</sup> July 2016:** Research Associate in Clinical Proteomics, Institute of Human Development, Faculty of Medical and Human Sciences, University of Manchester

**1<sup>st</sup> February 2010 – 31<sup>st</sup> July 2014:** Senior Post doc (assegnista di ricerca) at Proteomics of Food Allergy and Safety Laboratory, in Chemistry, Material and Chemical Engineering Department "Giulio Natta" (CMIC), Politecnico di Milano

**1<sup>st</sup> February 2005 – 31<sup>st</sup> December 2009:** Post doc (Co.Co.Pro. contract) at Biological Mass Spectrometry Unit, Fondazione Ospedale San Raffaele, Milano.

## EDUCATION

**Abilitazione scientifica nazionale** alle funzioni di Professore di seconda fascia nel settore concorsuale **03/A1 (CHIM01)** (dal 10/09/2019 al 10/09/2025, art. 16, comma 1, Legge 240/10)

**April 2005:** PhD in chemistry Università degli Studi di Salerno. The tesi presented and discussed was entitled: Identification of proteins involved in molecular events by using mass spectrometry-based proteomics

**October 2001:** Laurea in organic chemistry, Università degli Studi di Salerno. The tesi presented and discussed was entitled: Proteomics identification of acyl-acceptor and acyl-donor substrates for transglutaminase in a human intestinal epithelial cell line. Implications for celiac disease.

## FOREIGN EXPERIENCES

- Erasmus Fellowship during Chemistry degree of 6 months at Chemistry Department of University of Leeds.
- 1 year of PhD, by a Marie Curie Fellowship, in Proteomic Laboratory of Astbury Centre, University of Leeds
- August 2014-July 2016: Research Associate in Clinical Proteomics, Institute of Human Development, Faculty of Medical and Human Sciences, University of Manchester
- August 2016- until November 2017: Leader of Proteomics Support Unit (indefinite contract as Senior Research Scientist), Analytical Support Unit, Institute of Food Research, Norwich, UK

**RESEARCH INTEREST**

Analytical methods in protein and small molecules studies. Quantitative mass spectrometry- based proteomics in Medicinal Chemistry. Cancer

**PUBLISHED PAPERS**

52, h-index: 19 (Scopus 2019)

**Others**

**Invited Reviewer** of: Journal of Proteomics, Journal of Proteome Research, Food Chemistry and Book entitled: *Proteomics of biological systems protein phosphorylation using mass spectrometry techniques* of Bryan M. Ham WILEY & SONS, 2011

**Associate Editor** of Journal of Integratomics

**SELECTED PAPERS**

- Nukala SB, Regazzoni L, Aldini G, Zodda E, Tura-Ceide O, Mills NL, Cascante M, Carini M, **D'Amato A**. Differentially Expressed Proteins in Primary Endothelial Cells Derived From Patients With Acute Myocardial Infarction. *Hypertension*. 2019;74: 947-956.
- Nukala SB, Baron G, Aldini G, Carini M, **D'Amato A**. Mass Spectrometry-based Label-free Quantitative Proteomics To Study the Effect of 3PO Drug at Cellular Level. *ACS Med Chem Lett*. 2019; 10: 577-583.
- Cardona EEG, Heathcote K, Teran LM, Righetti PG, Boschetti E, **D'Amato A**. Novel low-abundance allergens from mango via combinatorial peptide libraries treatment:A proteomics study. *Food Chem*. 2018, 269:652-660.
- **D'Amato A**, Zilberstein G, Zilberstein S, Compagnoni BL, Righetti PG. Of mice and men: Traces of life in the death registries of the 1630 plague in Milano. *J Proteomics*. 2018: S1874-3919.
- Russell MR, **D'Amato A**, Graham C, Crosbie EJ, Gentry-Maharaj A, Ryan A, Kalsi JK, Fourkala EO, Dive C, Walker M, Whetton AD, Menon U, Jacobs I, Graham RL. Novel risk models for early detection and screening of ovarian cancer. *Oncotarget*. 2016 Nov 26. .

**Dati personali**

Autorizzo il trattamento dei miei dati personali ai sensi del Decreto Legislativo 30 giugno 2003, n. 196 "Codice in materia di protezione dei dati personali".