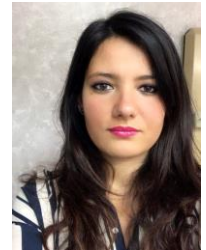




## Europass Curriculum Vitae

### Personal information

First name/ Surname **Mariaimmacolata Preianò**  
Address **N.2, Luigi Siciliani st. – 88100, Catanzaro, Italy**  
Telephone +393208143503  
E-mail [imma.preiano@gmail.com](mailto:imma.preiano@gmail.com)  
Nationality Italian  
Date of birth 09/17/1986  
Gender Female



### Work experience

Dates	Academic Year 2017-2018 – In Course
Occupation or position held	Contract Professor in General and Inorganic Chemistry
Main activities and responsibilities	Teaching in General and Inorganic Chemistry within Biotechnology Degree Course
Name and address of employer	University of Catanzaro Magna Graecia, Department of Health Sciences, Europa Avenue, 88100, Germaneto, Catanzaro, Italy
Dates	Academic Year 2016-2017
Occupation or position held	Contract Professor in General and Inorganic Chemistry
Main activities and responsibilities	Teaching in General and Inorganic Chemistry within Biotechnology Degree Course
Name and address of employer	University of Catanzaro Magna Graecia, Department of Health Sciences, Europa Avenue, 88100, Germaneto, Catanzaro, Italy
Dates	April 2016
Occupation or position held	Research Grant
Main activities and responsibilities	Research Project: Identification of disease biomarkers using MALDI-TOF mass spectrometry. My current research focus on: design of novel bioanalytical tools for diagnostic application in biomedical research, peptidomics, metabolomics and Mass Spectrometry-based-proteomics.
Name and address of employer	University of Catanzaro Magna Graecia, Department of Health Sciences, Europa Avenue, 88100, Germaneto, Catanzaro, Italy
Dates	June 2012 – February 2016
Occupation or position held	Ph. D. fellowship in Molecular Oncology, Experimental Immunology and Development of Innovative Therapies
Main activities and responsibilities	Ph. D. Research Project: Peptidome Profiling of Induced Sputum and Nasal Fluid for Biomarker Discovery in Chronic Inflammatory Diseases. Study of innovative tools of proteomics, mass spectrometry and nanotechnology for biomedical research. Design of experimental protocols and of porous material-based devices for selective binding and enrichment of bio-fluid peptides, proteins and lipids. Design of experimental protocols and application of mass spectrometry technology for the characterization of foodstuffs (olive oil, milk, tomato sauces, ice cream, etc.)
Name and address of employer	University of Catanzaro Magna Graecia, Department of Health Sciences, Europa Avenue, 88100, Germaneto, Catanzaro, Italy
Dates	September 2014 – February 2015

Occupation or position held	Contract Professor
Main activities and responsibilities	Tutoring activities within Biotechnology Degree Course (96 hours)
Name and address of employer	University of Catanzaro Magna Graecia, Department of Health Sciences, Europa Avenue, 88100, Germaneto, Catanzaro, Italy
Dates	September 2013 – February 2014
Occupation or position held	Contract Professor
Main activities and responsibilities	Tutoring activities within Biotechnology Degree Course (96 hours)
Name and address of employer	University of Catanzaro Magna Graecia, Department of Health Sciences, Europa Avenue, 88100, Germaneto, Catanzaro, Italy
Dates	September 2012 – February 2013
Occupation or position held	Contract Professor
Main activities and responsibilities	Tutoring activities within Biotechnology Degree Course (48 hours)
Name and address of employer	University of Catanzaro Magna Graecia, Department of Health Sciences, Europa Avenue, 88100, Germaneto, Catanzaro, Italy

## Education

Dates	June 2012 – February 2016
Title of qualification awarded	International PhD in Molecular Oncology, Experimental Immunology and Development of Innovative Therapies
Name and type of organisation providing education and training	University of Catanzaro Magna Graecia, Department of Health Sciences, Europa Avenue, 88100, Germaneto, Catanzaro, Italy
Level in national or international classification	International Research Doctorate

Dates	November 2009 – October 2011
Title of qualification awarded	Master's Degree in Medical, Pharmaceutical and Veterinary Biotechnology
Name and type of organisation providing education and training	University of Catanzaro Magna Graecia, Department of Health Sciences, Europa Avenue, 88100, Germaneto, Catanzaro, Italy
Level in national or international classification	Summa cum laude

Dates	November 2005 – October 2009
Title of qualification awarded	Bachelor's Degree in Biotechnology
Name and type of organisation providing education and training	University of Catanzaro Magna Graecia, Department of Health Sciences, Europa Avenue, 88100, Germaneto, Catanzaro, Italy
Level in national or international classification	Summa cum laude

Dates	27-29 November 2012
Title of qualification awarded	Training Course "5800 MALDI TOF/TOF™ : Manual and automatic acquisition - Data processing - Manual and automatic tuning - Performance verification - Proteomics workflows - Database searching - Oracle Database management", at the University of Catanzaro Magna Graecia.
Name and type of organisation providing training	AB Sciex Germany GmbH

Dates	15 April 2011
Title of qualification awarded	Training Course "Nanobiotechnology: Applicazioni e Prospettive Future", at the Conference Room of the Chamber of Deputies, Rome.
Name and type of organisation providing education and training	Italian Federation of Biotechnologists (F.I.BIO)

Dates 26-27 November 2010  
 Title of qualification awarded Training Course "Le Biotecnologie nel mondo della Criminologia", at the Second University of Naples (SUN), Caserta.  
 Name and type of organisation providing education and training Federazione Italiana Biotecnologi (F.I.BIO)

Dates 9-11 December 2009  
 Title of qualification awarded Training Course "X Scuola sullo studio del Proteoma", Vitorchiano  
 Name and type of organisation providing education and training Italian Proteomics Association (ItPA)

**Personal skills and competences**

Mother tongue(s) **Italian**

Other language(s)

Self-assessment

European level (\*)

**English**

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
B2	C1	B2	B2	C1

(\*) Common European Framework of Reference for Languages

Social skills and competences Strong analytical and problem solving skills, organizational skills, determination, self-motivated.

Organisational skills and competences Experience of coordinating team work after covering senior positions within research groups. Strong communication/presentation skills accrued through participating to national and international congress. Strong synthesizing, writing, and information technology skills: wrote scientific articles in international peer-reviewed journals. Able to manage several projects and collaborations in parallel, planned work to achieve goals on time. Able to manage administrative issues after leading research projects.

Technical skills and competences Cell Cultures, Microscopy Techniques, Centrifugation Techniques, ELISA, Protein Quantitation Techniques, Electrophoresis, SDS-PAGE, Western Blotting Analysis, Immunoprecipitation, Spectrophometric Techniques, Chromatographic Techniques, Protein, Peptide and Lipids Enrichment and Sample Clean-up techniques for Mass Spectrometry analysis, Mass Spectrometry Techniques (MALDI-TOF, MALDI-TOF/TOF), etc.  
 Data analysis software and bioinformatic databases competences: Data Explorer, TOF/TOF Series Explorer, ProteinPilot, MarkerView, OriginLab; Mascot Matrix Science, UniProtKB/Swiss-Prot, ExPASy tools, ProteinProspector tools, etc.

Computer skills and competences Competent with most common writing and elaborating computer software. Microsoft Windows, Microsoft Office, Adobe Photoshop, Photo Paint, OriginLab. Scientific Literature Search Engines (Pubmed, ISI Web of Knowledge, Scopus, SciFinder)

Other skills and competences EUROPEAN COMPUTER DRIVING LICENCE (ECDL IT - SECURITY - SPECIALISED LEVEL)

Driving licence Category B

Terracciano R, Pasqua L, Casadonte F, Frascà S, **Preianò M**, Falcone D and Savino R. **2009**. *Derivatized Mesoporous Silica Beads for MALDI-TOF MS Profiling of Human Plasma and Urine*. *Bioconjugate Chemistry* 20, 5, 913-923.

Terracciano R, **Preianò M**, Palladino GP, Carpagnano GE, Barbaro MP, Pelaia G, Savino R, Maselli R. **2011**. *Peptidome Profiling of Induced Sputum by Mesoporous Silica Beads and MALDI-TOF MS for Non-Invasive Biomarker Discovery of Chronic Inflammatory Lung Diseases*. *Proteomics* 11, 16, 3402-14.

**Preianò M**, Pasqua L, Gallelli L, Galasso O, Gasparini G, Savino R, and Terracciano R. **2012**. *Simultaneous Extraction and Rapid Visualization of Peptidomic & Lipidomic Body Fluids Fingerprints Using Mesoporous Aluminosilicate and MALDI-TOF MS*. *Proteomics* 12, 22, 3286-94.

Savino R, Paduano S, **Preianò M**, Terracciano R. **2012**. *The Proteomics Big Challenge for Biomarkers and New Drug-Target Discovery*. *International Journal of molecular sciences* 13, 11, 13926-48.

**Preianò M**, Falcone D, Maggisano G, Montalcini T, Navarra M, Paduano S, Savino R, and Terracciano R. **2014**. *Assessment of pre-analytical and analytical variables affecting peptidome profiling of gingival crevicular fluid by MALDI-TOF mass spectrometry*. *Clinica Chimica Acta* 12, 22, 3286-94.

Terracciano R, Pelaia G, **Preianò M**, Savino R. **2015**. *Asthma and COPD proteomics: current approaches and future directions*. *Proteomics Clin. Appl.* 9, 1-2, 203-20.

**Preianò M**, Maggisano G, Lombardo N, Montalcini T, Paduano S, Pelaia G, Savino R, Terracciano R. **2016**. *Influence of Storage Conditions on MALDI-TOF MS Profiling of Gingival Crevicular Fluid: Implications on the Role of S100A8 and S100A9 for Clinical and Proteomic based Diagnostic Investigations*. *Proteomics* 16, 6, 1033-1045.

The above mentioned publication obtained the INSIDE FRONT COVER of the Journal.

Pelaia G., Vatrella A., Busceti M.T., Gallelli L., **Preianò M.**, Lombardo N., Terracciano R., Maselli R. **2016**. *Role of biologics in severe eosinophilic asthma-focus on reslizumab*. *Therapeutics and Clinical Risk Management* 1, 12, 1075-1082.

Lombardo N., **Preianò M.**, Maggisano G., Murfunì M.S., Messina L., Pelaia G., Savino R., Terracciano R. **2017**. *A rapid differential display analysis of nasal swab fingerprints to distinguish allergic from non-allergic rhinitis subjects by mesoporous silica particles and MALDI-TOF mass spectrometry*. *Proteomics*, doi: 10.1002/pmic.201600215.

The above mentioned publication obtained the INSIDE FRONT COVER of the Journal.

#### **Abstracts National Congresses:**

**2008**. R. Terracciano, F.Casadonte, S. Frasca, **M. Preianò**, L. Pasqua and R. Savino. *"Mesoporous Beads: New tools and strategies in body fluids Proteomics"*. Italian Proteomics Association 3<sup>rd</sup> Annual National Conference. Brindisi.

**2008**. R. Terracciano, L. Pasqua, S. Frascà, **M. Preianò**, F. Casadonte, P. Candeloro, R. Savino and E. Di Fabrizio. *"Nanoporous Silica-Matrix Assisted Laser Desorption Ionization-Mass Spectrometry: a new promising approach for Plasma/Serum Proteomic analysis"*. Giornata Scientifica 2008, Università degli Studi Magna Græcia di Catanzaro.

**2008.** R. Terracciano, C. Gasparri, S. Frascà, **M. Preianò**, P. Mercurio, A. Urbani, G. Federici, R. Savino and C. Indolfi. "Peptidomic Profiling of Human Plasma in Myocardial Ischemia". Giornata Scientifica 2008, Università degli Studi Magna Græcia di Catanzaro.

**2008.** Terracciano R., Casadonte F., Pasqua L., Frascà S., **Preianò M.**, Savino R. "MALDI-TOF-MS analysis of low-abundance peptide enriched from body fluids by mesoporous silica beads." 8<sup>th</sup> Siena Meeting "From Genome to Proteome: Integration and Proteome completion". Siena.

**2009.** Casadonte F., Pasqua L., **Preianò M.**, Frascà S., Terracciano R., Savino R. "Chemically modified Mesoporous Silica Beads: a new efficient and reliable platform for body fluids proteomics." Italian Proteomics Association 4<sup>th</sup> Annual National Conference. Milano.

**2009.** R. Terracciano, F. Casadonte, L. Pasqua, S. Frascà, **M. Preianò** and R. Savino. "Functionalized Mesoporous Silica Beads for MALDI-TOF MS Profiling of Human Plasma and Urine." XXIII Congresso Nazionale della Società Chimica Italiana. Sorrento.

**2010.** R. Terracciano, G. Pelaia, **M. Preianò**, V. Migliaccio, G.P. Palladino, G.E. Carpagnano, M.P. Foschino Barbaro, R. Savino, and R. Maselli. "Peptidomic analysis of induced sputum of asthmatic patients by MSB-MALDI-TOF-MS platform." Italian Proteomics Association 5<sup>th</sup> Annual National Conference. Firenze.

**2011.** R. Terracciano, **M. Preianò**, G.P. Palladino, G.E. Carpagnano, M.P. Foschino Barbaro, G. Pelaia, R. Maselli and R. Savino. "Peptidome profiling of induced sputum by mesoporous silica beads and MALDI-TOF MS for biomarker discovery of inflammatory lung diseases". Italian Proteomics Association 6<sup>th</sup> Annual National Conference. Torino.

**2012. Preianò M.**, Frascà S., Scopelliti D., Corigliano A., Gallelli L., Galasso O., Gasparini G., Savino R. and Terracciano R. "Mesopore-assisted Profiling of Human Synovial Fluid". Italian Proteomics Association 7<sup>th</sup> Annual National Conference. Viterbo.

**2014.** R. Terracciano, **M. Preianò**, Falcone D, Maggisano G, Paduano S, Savino R. "MALDI-TOF profiling of gingival crevicular fluid: Assessment of methodological and pre-analytical variables. Italian Proteomics Association 9<sup>th</sup> Annual Congress. Napoli.

**2015.** Maggisano G, **Preianò M**, Savino R, Terracciano R. Evaluation of peptidome stability of gingival crevicular fluid by MALDI-TOF mass spectrometry. MASSA 2015 Congress, Alghero, 10-12 Giugno 2015.

**2015. Preianò M.**, Maggisano G., Paduano S., Lombardo N., Savino R., Terracciano R. Evaluation of storage conditions affecting peptidome profiling of gingival crevicular fluid by MALDI-TOF Mass Spectrometry. Società Chimica Italiana, Convegno congiunto sezioni Calabria e Sicilia, Catanzaro 3-4 Dicembre 2015.

**2016. Preianò M.**, Maggisano G., Lombardo N., Montalcini T., Paduano S., Pelaia G., Savino R., Terracciano R. Implications on the role of S100A8 and S100A9 for clinical and proteomic based diagnostic investigations in Gingival Crevicular Fluid. Italian Proteomics Association XI Annual Congress. Perugia.

**2017.** Vilella C., Murfunì M.S., **Preianò M.**, Maggisano G., Lobello N., Lombardo N., Savino R., Terracciano R. "Diagnostic "rhinomic" profile of Allergic and non-Allergic Rhinitis Subject by Mesoporous Silica Particles and MALDI-TOF Mass Spectrometry." Italian Proteomics Association 12<sup>th</sup> Annual Congress. Lecce.

#### **Abstracts International Congresses:**

**2013. Preianò M**, Galasso O, Gallelli L., Gasparini G, Savino R. and Terracciano R. Integrating peptidomic with lipidomic fingerprints by using mesoporous aluminosilicate and MALDI-TOF MS". 38<sup>th</sup> Federation of European Biochemical Societies Congress, Saint Petersburg, 6-11 luglio 2013.

**2013. Preianò M**, Falcone D., Pelaia G., Maselli R, Savino R. and Terracciano R. Peptidome profiling of induced sputum by mesoporous silica beads and MALDI-TOF MS for biomarker discovery of Asthma and COPD". 38<sup>th</sup> Federation of European Biochemical Societies Congress, Saint Petersburg, 6-11 luglio 2013.

**2013.** Gentile A., **Preianò M**, Savino R, Paduano S, and Terracciano R. Mesopore assisted fingerprints of gingival crevicular fluid by MALDI mass spectrometry for monitoring inflammatory state in patients wearing fixed orthodontic appliance". 38<sup>th</sup> Federation of European Biochemical Societies Congress, Saint Petersburg, 6-11 luglio 2013.

**2014. Preianò M**, Maggisano G, Falcone D, Paduano S, Savino R, Terracciano R. A rapid and reproducible standardized procedure for MALDI-TOF profiling of gingival crevicular fluid. 39<sup>th</sup> Federation of European Biochemical Societies Congress, Parigi, 30 Agosto – 4 Settembre 2014.

**2014.** Falcone D, **Preianò M**, Maggisano G, Arturi C, Paduano S, Savino R, Terracciano R. Peptidome profiling of gingival crevicular fluid by MALDI-TOF/TOF mass spectrometry. 39<sup>th</sup> Federation of European Biochemical Societies Congress, Parigi, 30 Agosto – 4 Settembre 2014.

**2015. Preianò M**, Maggisano G, Falcone D, Paduano S, Savino R, Terracciano R. Peptidomic profiling of gingival crevicular fluid by MALDI-TOF mass spectrometry: Assessment of collection and storage conditions. EUPA Congress, Milano, 23-28 Giugno 2015.

## Professional Societies

SIB, Italian Society of Biochemistry and Molecular Biology.  
ItPA, Italian Proteomics Association  
EuPA, European Proteomics Association

I authorize, according to Italian Law 196/2003 on the personal data, the use and the recording in data bank of my personal data.

Place and date

Catanzaro, 09/14/2017

Signature

Mariaimmacolata Preiano'

