



Europass Curriculum Vitae

Personal information

First name / Surname **Irene Fasciani**

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Nationality Italian

Date of birth 07/04/1986

Gender Female



Desired employment / Occupational field

Biologist

Main activities and responsibilities

2011-2012 Stage of 825 hours
Main activity Researcher
Place Laboratory of Pharmacology in "Sperimental Medicine Department", L'Aquila.

2011 Stage of 75 hours
Main activity Analyst
Place Laboratory of Medical Genetic in "S. Salvatore Hospital", L'Aquila.

2008 Stage of 125 hours
Main activity Analyst
Place Laboratory of Biochemical Analysis in "Annunziata Hospital", Sulmona (L'Aquila).

Education and training

March - september 2016	Postdoctoral Fellowship. Biotechnological and Applied Clinical Sciences Department, molecular pharmacology laboratory of Professor Roberto Maggio, University of L'Aquila, Italy.
08/04/2016	PhD in "Neurobiology of neurodegenerative diseases, plasticity and neural development", Biotechnological and Applied Clinical Sciences Department, University of L'Aquila. <i>Thesis: "An internal ribosome entry site, present within the third cytoplasmic loop, enables the expression of the carboxyl-terminal domain of muscarinic M2 and M3 receptors"</i>
May 2015	Member of National Order of Biologists
July 2012	Qualification test for Biologist profession (Session I, score 150/200)
28/3/2012	Master's degree in Biology Applied to Biomedical Research, Biosanitary curriculum, University of L'Aquila (score 110/110 cum laude). <i>Sperimental Thesis title: "Proteic oligomerization in adaptive evolution"</i> .
29/10/2009	Bachelor's degree in Biology, Physiopathology curriculum, Univerisy of L'Aquila (score 109/110). <i>Thesis title: "Neurophysiological mechanisms and sperimental basis of Epilepsy"</i> .
June 2005	Science High School Diploma (score 89/100) "Enrico Fermi" Sulmona (L'Aquila).
Published works	<p>Maggio R, Fasciani I, Rossi M, Di Gregorio J, Pietrantoni I, Flati V, Scarselli M. <i>Variants of G protein-coupled receptors: a reappraisal of their role in receptor regulation</i>. Biochemical Society Transactions (2016)</p> <p>Fasciani I, Capannolo M, Romeo S, Aloisi G, Rossi M, Bellio P, Celenza G, Cinque B, Cifone MG, Scarselli M, Maggio R. <i>The atypical antipsychotic clozapine selectively inhibits interleukin 8 (IL-8)-induced neutrophil chemotaxis</i>. Eur Neuropsychopharmacol. (2015)</p> <p>Romeo S, Di Camillo D, Splendiani A, Capannolo M, Rocchi C, Aloisi G, Fasciani I, Corsini GU, Scarnati E, Lozzi L, Maggio R. <i>Eyes as gateways for environmental light to the substantia nigra: relevance in Parkinson's disease</i>. ScientificWorldJournal. (2014)</p> <p>Capannolo M, Ciccarelli C, Molteni R, Fumagalli F, Rocchi C, Romeo S, Fasciani I, Aloisi G, Zani BM, Riva MA, Maggio R. <i>Nitric oxide synthase inhibition reverts muscarinic receptor down-regulation induced by pilocarpine- and kainic acid-evoked seizures in rat fronto-parietal cortex</i>. Epilepsy Res. (2014)</p>
Conferences and Congresses	R Maggio, I Fasciani , J Di Gregorio, V Flati, V Puca, I Pietrantoni and S Romeo. <i>An internal ribosome entry site (IRES), present within the third cytoplasmic loop, drives the expression of the Carboxyl-terminal domain of the human muscarinic M2 receptor</i> . GPCRs: Beyond Structure Towards Therapy. 16–18 September 2015 Monash University Prato Centre, Prato, Italy
Principal subjects/occupational skills covered	Researcher, Analyst

Courses professionalizing

February 2013	P.O.R Course in "HPLC for molecules of biological and pharmaceutical interest" University of L'Aquila.
24-26 June 2013	P.O.R Course in "Mass Spectrometry for molecules of biological and pharmaceutical interest" University of L'Aquila.
12 June 2013	Course of "Biotechnology and Medicine" University of L'Aquila.
29 October 2013	Workshop "New High Throughput Technologies in molecular Diagnostics" University of L'Aquila.

Personal skills and competences

Mother tongue(s)

Italian

Other language(s)

Self-assessment
European level (*)

English

French

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
B1	B1	B1	B1	B1
A1	A1	A1	A1	A1

(*) Common European Framework of Reference for Languages

Social skills and competences

Team working ability, problem solving skills, motivation, ambition, ability to work under pressure.

Technical skills and competences

Basic techniques

Biochemistry (gel chromatography, protein purification, DNA sequencing);

Toxicology and Pharmacology (mutagenesis tests as comet test);

Quality control (foods and waters microbiology analysis).

Good competences

Molecular Biology Skills: plasmid construction (mono- and bi-cistronic plasmids); gene cloning (DNA amplification, PCR, plasmid mini and midi extraction from procariotic coltures, site-direct mutagenesis, ligation, plasmid expression in procariotic cells), competent cells (E.coli) for chemical transfection (DH5alpha) and elettroporation (JM110).

Cellular Biology Skills: mammalian cultures handling (CHO, COS-7, HeLa, HEK 293, Jurkat, L1.2); cell transfection techniques (transient and stable transfections), elettroporation and chemical transfections; isolation and preparation of primary cultures from rat embryos (mesencephalic cells) and from human blood (neutrophils); ligand binding assay; cell migration assays in transwell and boyden chambers.

Microscopy Skills: sample preparation for optical microscope (including fluorescence microscope).

	Immunochemical and immunoistochemical techniques;
	Animal Skills: mouse and rat handling; ip injection (pharmacological treatment) and surgery.
Computer skills and competences	Good knowledge of Microsoft Office tools such as Word, Excel, Power point; good knowledge of OriginPro, for data analysis and statistic.
Driving licence	Driving licence B

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L'Aquila, October 5, 2016

Signature

