



**Europass
Curriculum Vitae
Personal information**

First name(s) / Surname(s) **PATRONO ENRICO SALVATORE**

Address(es) **ITALIAN DOMICILE: VIA RAFFAELE CALZINI 14, 00159 ROMA
(RM); ITALY**

**JAPANESE DOMICILE: TOYAMA UNIVERSITY SUGITANI CAMPUS
SYSTEM EMOTIONAL SCIENCE
2630 SUGITANI, TOYAMA-SHI, TOYAMA
930-0194, JAPAN**

Telephone(s) **+39.06.890.201.02** Mobile: **+39.349.1475291
+81.080.3740.2807**

E-mail **e.patrono@gmail.com**

Nationality **Italian**

Date of birth **28/07/1981**

Gender **Male**

Work Experience

**April 2015 - April 2016
Occupation or position held**

Post Doc Researcher

**Main activities and
responsibilities**

Overseas Researcher at University of Toyama, Japan with a JSPS (Japan Society for the Promotion of Science) Fellowship for Foreign Researcher Post-Doc Researcher in a project titled "Rewarding effects of Glucose and Umami Intra-Gastric Self-Administration: role of a "gut-brain dopamine axis"". *In vivo* single unit recording on DA-ergic medium spiny neurons on Nucleus Accumbens (core and shell), during intragastric self-administration of natural rewarding substances.

**Name and address of
Principal Investigator**

Prof. Hisao Nishijo, Full Professor at Laboratory of System Emotional Science, Graduate School of Medicine and Pharmaceutical Sciences, University of Toyama, Toyama, Japan (nishijo@med.u-toyama.ac.jp)

Type of business or sector

Neuroscience Research

**September 2014 – March
2015
Occupation or position held**

Assistant Research

**Main activities and
responsibilities**

Scientific cooperation with University of L'Aquila for the chairs of Neurophysiology of Learning and Memories and Neurobiology of Drug and Food Addiction.

Responsibilities within the teaching (seminars and student's tutoring) and research for the chairs of Neurophysiology of Learning and Memories and Neurobiology of Drug and Food Addiction.

**Name and address of
Professor**

Prof. Antonella Gasbarri, Dept. of Clinical, Applied and Biotechnological Sciences (DISCAB), University of L'Aquila (antonella.gasbarri@cc.univaq.it).

Type of business or sector

Neuroscience University Research

May 2014 – August 2014

Post Doc Internship

Occupation or position held	Internship at “Centro Andaluz de Biología Molecular y Medicina Regenerativa - CABIMER” at Seville (Spain), in the Laboratory of “Cell Therapies for Neuropathologies” (P.I.: Dr. Manuel Alvarez-Dolado).
Main activities and responsibilities	Application of several biochemical techniques (immunohistochemistry, PCR, retrograde tracing by PRV) and behavioral approaches (OpenField, Elevated Plus Maze, Rotarod) in a mouse model of West Syndrome, in order to study cell therapy with GABAergic neuronal progenitors for epilepsy treatment. Set up of a system of mice tracking by ImageJ (http://imagej.nih.gov/ij/).
Name and address of Principal Investigator	Dr. Manuel Alvarez-Dolado PhD, CSIC Tenure Scientist; P.I. of Laboratory of Cell Therapy for Neuropathologies at CABIMER, Seville, Spain (manuel.alvarez@cabimer.es).
Type of business or sector	Neuroscience Research (CABIMER, Seville, Spain)
April 2013-April 2014	Assistant Research
Occupation or position held	Scientific cooperation with University of L'Aquila for the chairs of Neurophysiology of Learning and Memories and Neurobiology of Drug and Food Addiction.
Main activities and responsibilities	Responsibilities within the teaching (seminars and student's tutoring) and research for the chairs of Neurophysiology of Learning and Memories and Neurobiology of Drug and Food Addiction.
Name and address of Professor	Prof. Antonella Gasbarri, Dept. of Clinical, Applied and Biotechnological Sciences (DISCAB), University of L'Aquila (antonella.gasbarri@cc.univaq.it).
Type of business or sector	Neuroscience University Research
September 2012-December 2013	Research Fellowship
Occupation or position held	Researcher with fellowship by University of L'Aquila.
Main activities and responsibilities	Research activity with exploratory experiments on intracerebral (nucleus accumbens and pre-frontal cortex) infusions of catecholamine agonist and antagonist drugs in the brain of a mouse models of compulsive chocolate seeking behavior. Behavioral approaches, Biochemical techniques. Responsibilities for a PhD student formation.
Name and address of Professor	Prof. Antonella Gasbarri, Dept. of Clinical, Applied and Biotechnological Sciences (DISCAB), University of L'Aquila (antonella.gasbarri@cc.univaq.it).
Type of business or sector	Neuroscience University Research
March 2010-September 2012	European Fellowship (Re.Co.Te.S.C.C. Project) from European Social Fund (P.O.R. 2007-2013); University of L'Aquila.
Occupation or position held	PhD Student In Biomedical Science and Neuroscience with fellowship by University of L'Aquila.
Main activities and responsibilities	Collaboration with Laboratory of Neurobiology of Behavior in Fondazione Santa Lucia, EBRI (Rome). Fields of investigation: pre-clinic research of Psychobiology of Addiction and Neurobiology of Eating Disorders. Behavioral approaches (Classic and Operant Conditioning on mice models of addiction and eating Disorders). “in vivo” biochemical analysis techniques (Microdialysis coupled with HPLC), and “ex vivo” biochemical analysis techniques (RT-PCR, Western Blotting). Skills in handmade microdialysis probe (for rats and mice). Ability with software for behavioral analysis (VideoTracking, Noldus EthoVision). Ability with behavioral test as “T” maze, Morris Water Maze, Conditioned Place Preference (CPP); Conditioned Suppression Paradigm, Active/Passive Avoidance. Ability with local infusion or co-infusion of pharmacological substances.

Name and address of Professor	Prof. Antonella Gasbarri, Dept. of Clinical, Applied and Biotechnological Sciences (DISCAB), University of L'Aquila (antonella.gasbarri@cc.univaq.it);
Type of business or sector	Prof. Rossella Ventura, Dept. of Psychology, "Sapienza" University, Rome-"Santa Lucia" Foundation, EBRI, Rome (rossella.ventura@uniroma1.it). Neuroscience University Research
July 2010-May 2011 Occupation or position held Main activities and responsibilities	Collaborator with contract (Italian Law n°170/2003) Collaborator in the Faculty of Psychology in University of L'Aquila Scientific and educational cooperation with University of L'Aquila for the chairs of Neurophysiology of Learning and Memories and Neurobiology of Drug and Food Addiction.
Name and address of Professor	Prof. Rossella Ventura, Dept. of Psychology, "Sapienza" University, Rome-"Santa Lucia" Foundation, EBRI, Rome (rossella.ventura@uniroma1.it).
Type of business or sector	University
April 2010-June 2010 Occupation or position held Main activities and responsibilities	PhD Mission of study at University of Brasilia, Brasil PhD Student in mission of study Mission of study with a project called "A non-human primate model of chocolate compulsion". Behavioral approaches, Biochemical techniques, Acquisition of EEG techniques on human and monkeys to evaluate P300 as an endogenous potential of affective memories.
Name and address of Professor	Prof. Carlos Alberto Bazzerra Tomaz, Istitute of Biology, Dept. of Neurophysiological Sciences, University of Brasilia, Brasilia, DF, Brasil (ctoamz@unb.br).
Type of business or sector	Neuroscience University Research
Education and Training April 2013	PhD title in "Biochemical Science and Neuroscience" (XXV cycle) with thesis "Interaction between genetic and environmental factors promotes eating disorders altering expression and function of dopamine and norepinephrine receptors".
Principal subjects/occupational skills covered	Collaboration with Laboratory of Neurobiology of Behavior in Fondazione Santa Lucia, EBRI (Rome). Fields of investigation: pre-clinic research of Psychobiology of Addiction and Neurobiology of Eating Disorders. Behavioral approaches (Classic and Operant Conditioning on mice models of addiction and eating Disorders). "in vivo" biochemical analysis techniques (Microdialysis coupled with HPLC), and "ex vivo" biochemical analysis techniques (RT-PCR, Western Blotting). Skills in handmade microdialysis probe (for rats and mice). Ability with software for behavioral analysis (VideoTracking, Noldus EthoVision). Ability with behavioral test as "T" maze, Morris Water Maze, Conditioned Place Preference (CPP); Conditioned Suppression Paradigm, Active/Passive Avoidance. Ability with local infusion or co-infusion of pharmacological substances.
Name and type of organisation providing education and training	Department of Clinical, Applied and Biotechnological Sciences (DISCAB) in University of L'aquila (AQ);
Level in national or international classification	I.R.C.S.S. "Fondazione Santa Lucia", via del Fosso di Fiorano 64, 00143 Rome PhD

March 2009

Principal subjects/occupational skills covered

Name and type of organisation providing education and training

Level in national or international classification

March 2005

Principal subjects/occupational skills covered

Name and type of organisation providing education and training

Level in national or international classification

Personal skills and competences

Mother tongue(s)

Other language(s)

Self-assessment

European level (CEFR)

English

Portuguese

Spanish

Social, Technical and Computer skills and competences

Driving licence

Other Informations

Master in “Diagnosis and Rehabilitation of Cognitives Deseas: Experimental Course” with thesis “Role of Medial Prefrontal Cortex in a mouse model of Addiction”

Practice at Laboratory of Neurobiology of Behaviour. Acquisition of theoretical and practical knowledge in pre-clinic research, in Neuroscience. Acquisition of behavioural approaches (Classic and Operant Conditioning on mice models of addiction).

Dept. of Psychology, Faculty of Medicine and Psychology, Sapienza University of Rome, Via dei Sardi 78, 00185 Rome;

I.R.C.S.S. “Fondazione Santa Lucia”, via del Fosso di Fiorano 64, 00143 Rome

58/S (under Italian Law D.Lgs. 509/99)

Bachelor in “Psychological Sciences and Technologies for Clinical Operation” with thesis “Evaluation of Working Memory on primary school’s children”

Psychology of Cognitive Processes, Psychopathology, Neuropsychology, Psychometric Analysis. Trainee at “San Raffaele” Foundation. Acquisition of theoretical and practical knowledge in the field of Neuropsychologic Diagnosis and Rehabilitation. Acquisition of neuropsychological methods.

Faculty of Science of Education of University of Urbino “Carlo Bo”, Urbino (PU), ITALY;

“San Raffaele” Foundation, Ceglie Messapico (BR), S.S. Ceglie M.-San Michele S. Km 1.200, ITALY.

L/34 (under Italian Law D.Lgs. 509/99)

Italian

Understanding		Speaking		Writing	
Listening	Reading	Spoken interaction	Spoken production		
C2	C2	C2	C2	C1	
B2	B2	B11	B1	B1	
C2	C2	C1	C2	C2	

Excellent interpersonal skills and organizational. Spirit of initiative, ability to work independently or in team. Natural propensity to problem solving. Propensity to make life experience abroad.

Driving license “B” issued by DMV of Taranto (TA), Italy (n° U16073612K)

Referee for:

PlosOne

Journal of Applied Sciences International (ScienceDomain)

Scientific Publications:

1. **Patrono E.**, Di Segni M., Patella L., Andolina D., Valzania A., Latagliata E.C., Felsani A., Pompili A., Gasbarri A., Puglisi-Allegra S., Ventura R. (2015): "When chocolate seeking become compulsion: gene-environment interplay". "PlosOne" doi:10.1371/journal.pone.0120191.
2. Duarte R.B., **Patrono E.**, Borges A.C., César A.A., Tomaz C., Ventura R., Gasbarri A., Puglisi-Allegra S., Barros M. (2015): "High versus low fat/sugar food affects the behavioral, but not the cortisol response of marmoset monkeys in a conditioned-place-preference task". "Physiology and Behavior" 139: 442-448.
3. Di Segni M. - **Patrono E.**, Patella L., Puglisi-Allegra S., Ventura R. (2014): "Animal Models of Compulsive Eating Behavior". "Nutrients" Oct 22; 6(10):4591-4609 (co-first author article);
4. Duarte R.B., **Patrono E.**, Borges A.C., César A.A., Tomaz C., Ventura R., Gasbarri A., Puglisi-Allegra S., Barros M. (2014): "Consumption of a highly palatable food induces a lasting place-conditioning memory in marmoset monkeys". "Behavioural Processes" Sep; 107:163-166;
5. Ventura R., Latagliata E.C., **Patrono E.**, Di Segni M., Puglisi-Allegra S. (2012): "Food Seeking In Spite Of Harmful Consequences". "Animal Models of Eating Disorders" Neuromethods n°74, Chapter 14. Springer Protocols;
6. **E. Patrono**, M. Di Segni , A. Valzania , E.C. Latagliata , S. Puglisi-Allegra , G. Maresca , A. Felsani , R. Ventura (2011): "Role of prefrontal norepinephrine in an animal model of chocolate compulsion". Poster Session at "The Emotional Brain: from Neurobiology to New Therapeutic Opportunities" at Sapienza University, Rome 5-6/09/2011;
7. Gasbarri A., Pompili A., Arnone B., Cavicchio A., **Patrono E.**, D'Amico M., Tavares M.C., Tomaz C.A. (2011): "Sex steroid hormone estrogen and cognition". Neurobiologia Journal; Vol. 2-11;
8. Latagliata E.C., **Patrono E.**, Puglisi-Allegra S., Ventura R. (2010): "Food seeking in spite of harmful consequences is under prefrontal cortical noradrenergic control". BioMedCentral Neuroscience; 2010: 11-15;
9. LaMela I., Latagliata E.C., **Patrono E.**, Puglisi-Allegra S., Ventura R. (2010): "Olfactory priming reinstates extinguished chocolate-induced conditioned place preference". Appetite 54: 237-240.

Me, Patrono Enrico Salvatore, authorized to handle my personal datas under the Italian Law (D.LGS. 196/2003)

Dr. Patrono Enrico Salvatore

