



Roberta Mazza

● WORK EXPERIENCE

23/04/2018 – CURRENT

RESEARCH DEVELOPMENT MANAGER - HEALTH AND LIFE SCIENCES – ALMA MATER STUDIORUM - UNIVERSITY OF BOLOGNA

- Supervision and support of University strategic projects, including the promotion of projects proposal submission in competitive funding programs
- Analysis of internal skills and infrastructures of excellence in order to favor multidisciplinary and coordinate the related roadmaps and research agendas
- Promotion of the partnerships and strategic networking, monitoring of international research policies

Professional, scientific and technical activities | <https://www.unibo.it/en/homepage>

Via Zamboni, 33, 40126, Bologna, Italy

01/09/2017 – 22/04/2018

RESEARCH FELLOW – DEPT. OF AGRICULTURAL AND FOOD SCIENCES, UNIVERSITY OF BOLOGNA

Within the JPI-funded, multicentric project **Food Biomarkers Alliance (FOODBALL)**, the main activities carried out in the context of both interventional and observational studies, included:

- The evaluation on the human metabolic profile of specific foods through metabolomics techniques
- The identification and validation of biomarkers for specific food consumption
- The update of databases and data elaboration
- A transversal role of coordination between the outpatient and laboratory activities and a operative support to the medical staff for the activities arising from the recruitment of patients. The drawing up and submission of documents relevant to the relevant Ethics Committee.

Bologna, Italy

01/09/2014 – 31/08/2017

RESEARCH FELLOW – DEPT. OF MEDICAL AND SURGICAL SCIENCES, UNIVERSITY OF BOLOGNA

Within the FP7-funded, multicentric project **Microbiome's influence on energy balance and brain development/ function put into action to tackle diet-related diseases and behaviour (MyNewGut)**, the main activities carried out in the context of both interventional and observational studies, included:

- Quantification of circulating hormones through immunoenzymatic techniques.
- Quantification of circulating endocannabinoids by mass spectrometry.
- Analysis of the role of circulating biomarkers in relation to the condition of obesity.
- A transversal role of coordination between the outpatient and laboratory activities and a operative support to the medical staff for the activities arising from the recruitment of patients. The drawing up and submission of documents relevant to the relevant Ethics Committee.

Bologna, Italy

01/09/2012 – 31/08/2014

RESEARCH FELLOW – DEPT. OF MEDICAL AND SURGICAL SCIENCES, UNIVERSITY OF BOLOGNA

Within the FP7-funded, multicentric project **The Integrated Neurobiology of Food Intake, Addiction and Stress (NeuroFAST)**, the main activities carried out in the context of both interventional and observational studies, included:

- Quantification of circulating hormones through immunoenzymatic techniques.
- Quantification of circulating endocannabinoids by mass spectrometry.
- Analysis of the role of circulating biomarkers in relation to the condition of obesity.
- A transversal role of coordination between the outpatient and laboratory activities

Bologna, Italy

02/07/2009 – 31/08/2012

RESEARCH FELLOW – DEPT. OF CLINICAL MEDICINE, UNIVERSITY OF BOLOGNA

Within the FP7-funded, multicentric project **Search for new therapeutic agents against complicated obesity by reprofiling existing drugs (ReprObesity)**, the main activities carried out included:

- Phenotyping of the dietary behavior, hormonal pattern and insulin-sensitivity of different strains of CB1- knock-out mice
- Evaluation through pharmacological and surgical procedures, of the involvement of the sympathetic nervous system in the mechanisms of obesity induction.
- Evaluation of alterations of the mechanisms of differentiation / trans-differentiation of adipose tissue in relation to obesity and the blockade of the endocannabinoid system.
- Performing comparative analysis with statistical methodology.
- Co-Supervisors activity for MSc Students (Biology and Biotechnology Degree courses)

Bologna, Italy

01/06/2005 – 30/11/2005

ADMINISTRATIVE SECRETARY – PLATINOUM GROUP S.R.L.

Secretarial services, management of customers' contacts, support for sales representative activities throughout Italy, post-sale customer management

Castel Maggiore, Bologna, Italy

● **EDUCATION AND TRAINING**

01/01/2006 – 02/03/2009 – Ferrara, Italy

PHD - PHARMACOLOGY AND MOLECULAR ONCOLOGY – University of Ferrara

- Study of the processes that underlie the main neurodegenerative pathologies (Parkinson, Alzheimer, cerebral ischemia) and neurological dysfunctions (Schizophrenia), through the learning of in vivo (animal pathology models), ex vivo (tissues) and in vitro (primary neuronal cultures) techniques.
- Co-Supervisor activity for MSc students (Biotechnology, Pharmacology and Pharmacological Chemistry Degree courses)

Field(s) of study

- Life sciences

EQF level 8

01/10/1998 – 22/03/2005 – Bologna, Italy

MSC - VETERINARY BIOTECHNOLOGY – University of Bologna

Experimental thesis at the Department of Morpho-physiology and Animal Production of the Faculty of Veterinary Medicine: In vitro study of the processes that underlie the neurodegenerative mechanisms through the propagation of primary neuronal cultures and cell lines. Support for Laboratory activities with specific experience in the routine management of the animal facility.

Field(s) of study

- Life sciences

EQF level 7

15/09/1993 – 15/07/1998 – Bologna, Italy

HIGH SCHOOL DIPLOMA - ENVIRONMENTAL PHYSICS – Technical Institute "O. Belluzzi"

EQF level 5

● LANGUAGE SKILLS

Mother tongue(s): ITALIAN

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	C1	B1	B1	B2
FRENCH	A1	B1	A1	A1	A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● DIGITAL SKILLS

Digital-IT

Google Drive | Microsoft Excel | Internet user | Google Docs | Outlook | Zoom | Skype | Microsoft Word | Microsoft Powerpoint | Microsoft Office

Soft Skills

Organizational and planning skills | Written and Verbal skills | Decision-making | Team-work oriented | Problem-solving | Efficient multi-tasking | Quick Learner and adaptable to new exposures and experiences | Working in International Environment

Technical Skills

Critical thinking | Research and analytical skills | Strategic Planning | Content writing | Project management

● PUBLICATIONS

Publications

1. Guzzardi MA, Garelli S, Agostini A, Filidei E, Fanelli F, giorgetti A, Mezzullo M, Fucci S, Mazza R, Vicennati V, Iozzo P, Pagotto U. *Eur Eat Disord Rev.* 2018 26(6):657-670.
2. Mezzullo M, Fazzini A, Gambineri A, Di Dalmazi G, Mazza R, Pelusi C, Vicennati V, Pasquali R, Pagotto U, Fanelli F. *Clin Chem Lab Med.* 2017 55(9):1315-1323.
3. Zappaterra M, Deserti M, Mazza R, Braglia S, Zambonelli P, Davoli R. *Meat Sci.* 2016; 121:27-32
4. Mezzullo M, Fanelli F, Fazzini A, Gambineri A, Vicennati V, Di Dalmazi G, Pelusi C, Mazza R, Pagotto U, Pasquali R. *J Steroid Biochem Mol Biol.* 2016 163:103-12.
5. Lage R, Parisi C, Seoane-Collazo P, Fernø J, Mazza R, Bosch F, Seoane LM, Nogueiras R, Diéguez C, Quarta C, López M. *Int J Neuropsychopharmacol.* 2015; 5;18(9)
6. van den Beukel JC, Grefhorst A, Quarta C, Steenbergen J, Mastroberardino PG, Lombès M, Delhanty PJ, Mazza R, Pagotto U, van der Lely AJ, Themmen APN. *FASEB J.* 2014 ; 28(11):4857-67
7. Silvani A, Berteotti C, Bastianini S, Cohen G, Lo Martire V, Mazza R, Pagotto U, Quarta C, Zoccoli G. *PLoS One.* 2014 Jun 20;9(6): e100536.
8. Silvani A, Berteotti C, Bastianini S, Lo Martire V, Mazza R, Pagotto U, Quarta C, Zoccoli G. *PLoS One.* 2014 Feb 20;9(2): e89432.
9. Quarta C, Lodi F, Mazza R, Giannone F, Boschi L, Nanni C, Nisoli E, Boschi S, Pasquali R, Fanti S, Iozzo P, Pagotto U. *Mol Metab.* 2013 Apr 21;2(3):153-60.
10. Quarta C, Mazza R, Pasquali R, Pagotto U. "Role of sex hormones in modulation of brown adipose tissue activity." *J Mol Endocrinol.* 2012 May 29;49(1): R1-7.
11. Quarta C, Mazza R, Obici S, Pasquali R, Pagotto U. *Trends Mol Med.* 2011 Sep;17(9):518-26.
12. Quarta C*, Bellocchio L*, Mancini G*, Mazza R, Cervino C, Braulke LJ, Fekete C, Latorre R, Nanni C, Bucci M, Clemens LE, Heldmaier G, Watanabe M, Leste-Lassere T, Maitre M, Tedesco L, Fanelli F, Reuss S, Klaus S, Srivastava RK, Monory K, Valerio A, Grandis A, De Giorgio R, Pasquali R, Nisoli E, Cota D, Lutz B, Marsicano G, Pagotto U *Cell Metab.* 2010 Apr 7;11(4):273-85.
13. Antonelli T, Tomasini MC, Mazza R, Fuxe K, Gaetani S, Cuomo V, Tanganelli S, Ferraro L. *J Pharmacol Exp Ther.* 2009 May;329(2):708-17.
14. Ferraro L, Tomasini MC, Tanganelli S, Mazza R, Coluccia A, Carratù MR, Gaetani S, Cuomo V, Antonelli T. *Int J Dev Neurosci.* 2009 Apr;27(2):165-74.
15. Ferraro L, Tomasini MC, Mazza R, Fuxe K, Fournier J, Tanganelli S, Antonelli T. *Brain Res Rev.* 2008 Aug;58(2):365-73.
16. Antonelli T, Tomasini MC, Fournier J, Mazza R, Tanganelli S, Pirondi S, Fuxe K, Ferraro L. *Cereb Cortex.* 2008 Aug; 18(8):1748-57.
17. Ferraro L, Tomasini MC, Fuxe K, Agnati LF, Mazza R, Tanganelli S, Antonelli T. *Brain Res Rev.* 2007 Aug;55(1):144-54.

● CONFERENCES AND SEMINARS

Conferences

Poster presentations:

- X National Seminar for PhD students in Pharmacology Sept. 25-28, 2006, Certosa di Pontignano, Siena (IT): "Neurotensin receptor involvement in the rise of extracellular glutamate levels and apoptotic nerve cell death in primary cortical cultures after oxygen and glucose deprivation." *Pharmacologyonline* 3: 1-152 (2006) Young Researchers Abstracts
- European Congress of Endocrinology 24-28 April 2010 Prague: "The endocannabinoid action in the regulation of energy balance is mainly due to the CB1 receptor in the forebrain neurons" . *Endocrine Abstracts* (2010) **22** H2.1
- European Congress of Endocrinology 5-9 May 2012 Florence (IT): "The endocannabinoid action in the regulation of energy balance is mainly due to the CB1 receptor in the forebrain neurons" *Endocrine Abstracts* (2012) **29** OC5.3
- European Congress of Endocrinology 27 April - 1 May 2013 Copenhagen : "Brite adipocytes: a role for cannabinoid receptor type 1 in brown adipose cell recruitment" *Endocrine Abstracts* (2013) 32 P731
- International Human Microbiome Consortium meeting 2018, Microbiome Institute Biosciences, University College of Cork, Ireland. "NMR-based metabolomics profiling of obese and normal weight women with and without food addiction".

Oral Communications:

- University of Ferrara (IT) 23/03/2007, Dept. of Clinical and Experimental Medicine: "Neurodegenerative aspects of hypoxic-ischemic brain damage: focus on the involvement of neurotensin receptor".
- XII National Seminar for PhD Students in Pharmacology and Related Sciences September 22-25, 2008 Certosa di Pontignano, Siena (IT): "Neurotensin system modulation of glutamatergic signaling: relevance for the treatment of neurodegenerative diseases".
- XXXVI National Congress of the Italian Society of Endocrinology, 5-8 June 2013 Padua: "Involvement of Cannabinoid Receptor type 1 in brite adipose tissue recruitment". *Endocrinol.Invest.* 36 suppl. 5 OC75
- X Annual seminar of researchers, Unified Center for Applied Biomedical Research (C.R.B.A.), S. Orsola-Malpighi Polyclinic, Bologna, 13 January 2014. "Role of the type 1 receptor of endocannabinoids in the transdifferentiation of white adipose tissue".
- III Meeting of the European Association of Young Endocrinologists (EYES), Complesso di S.Gimignano, University of Modena, Modena, 24-26 September 2015. "Plasma endocannabinoid anandamide (AEA) and 2-Arachydonoyl-Glycerol (2AG) are differentially modulated during oral glucose tolerance test (OGTT) in obese female".
- Horizon 2020 - Health Partnering Day 2019 (July 4th 2019) - Brussels : "[Health & Life Sciences @ UniBo Research Overview](#)"

● ORGANISATIONAL SKILLS

Organisational skills

Resourcefulness, pro-activity, ability to work independently, strong organizational and problem solving skills developed through activity of:

- referent for the animal facility,
- referent for the submission procedures for the ethical approval of animal and clinical experimental procedures
- clinical study coordinator within the Endocrinology and Diabetology Units of the St.Orsola-Malpighi University Hospital
- research developer for health and digital health area of the University of Bologna

Team-building skills developed through:

- 12-y experience as co-supervisor of internship students.
- day-by-day direct interaction with teams of physicians, nurses and researchers in both spontaneous and sponsored clinical trials
- 3-y experience as project manager for EU competitive funding proposal preparation and submission, including consortium building phase

● JOB-RELATED SKILLS

Job-related skills

- Coherence analysis
- International networking activity
- Writing, presentation and review of research proposal, reports, posters and scientific works
- In vivo: Microdialysis, microPET, microCT, maintenance of colonies of transgenic mice, microsurgery techniques, pharmacological treatments, behavioral tests
- Ex vivo: use of tissue sections and primary neuronal cultures for uptake and release of neurotransmitters
- In vitro (biological fluids, tissues and cell cultures): extraction and amplification of nucleic acids, protein extraction and quantification, neurotransmitter assays and biological markers through immunoenzymatic assays, HPLC, mass spectrometry, evaluation of cell viability, immuno histo / cyto chemistry.