CURRICULUM VITÆ ET STUDIORUM

DR GRAZIELLA MANGONE

Name and surname Graziella Mangone

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Nationality Italian

Date of birth October 27th, 1978

Place Crotone (Italy)

Education

Academic year 1998-1999: Enrolled in the Faculty of Pharmacy "Ninì Barbieri" of Catanzaro.

March 01th, 2006 Degree in Medicine and Surgery (Tab. 46/S) at the Faculty of Medicine, Magna Græcia University of Catanzaro with a score of 105/110 with a thesis done at the Department of Neurology (Director Pr Aldo Quattrone) of this University entitled: "Genetic association studies of temporal lobe epilepsy with late onset." (Supervisors: Pr A. Gambardella and Dr A. Labate).

July 27th, 2010 Postgraduate in Medical Genetics at the School of Specialisation in Medical Genetics, Faculty of Medicine, Magna Græcia University of Catanzaro with a score of 70/70 cum laude with the thesis performed at the Laboratory of Molecular Oncology 3 (Supervisor Pr F. Trapasso) of this University entitled: "Role of PTPRJ, a protein tyrosine phosphatase receptor-type with tumor suppressor activity in the pathogenesis of melanoma."

February 09th, 2011 to December 31th 2013 PhD in Neuroscience and neurogenetics at the University "Magna Graecia" of Catanzaro with a fellowship program from November 19th, 2012 to December 31th 2013 at the Institut du Cerveau et de la Moelle Epinière – Inserm U975 – Université Pierre et Marie Curie (Paris). She worked in a neurogenetics project in the laboratory directed by Pr Alexis Brice under the supervision of Dr Suzanne Lesage to identify the genetic forms of Parkinson disease linked to mutations in the genes like GBA, PARK2, PARK6, PARK7 and PARK8. She worked in a pharmacogenetics project under the supervision of Pr Jean-Christophe Corvol to determine the prevalence and incidence of complications of Parkinson's Disease, to identify clinical and genetic factors modifying their appearance and to study their interactions with drugs. This study will help to better understand the pathophysiology of complications of the Parkinson's disease and to identify the predictors factors. For her thesis project, under the supervision of Pr JC Corvol, she worked in an imaging genetics study to assess the effects of deep brain stimulation on the cognition in a cohort of patients with genetic forms of Parkinson's disease. She defended her thesis on March 11th 2015 at the "Magna Græcia" University of Catanzaro.

Work experience

From March 2003 to June 2006 she attended the Unit of Neurology, Faculty of Medicine and Surgery of the University "Magna Graecia" of Catanzaro (Director Pr. Aldo Quattrone) as an internist and for the preparation of the thesis.

From Aout 01th to Aout 31th 2006, after enrollment in the Medical Association of Crotone, has replaced Dr. Maria Sgro, general practitioner doctor of Belvedere Spinello (KR) conducting outpatient and home care activities.

From September 15th, 2006 to July 27th, 2010 has been working as a doctor in specialist training at the School of Specialisation in Medical Genetics achieving dealing with cytogenetics, molecular genetics and genetic counseling at the 'Unit of Genetics of the Policlinico Mater Domini (Director Pr N. Perrotti) and research activities at the Laboratory of Molecular Oncology 3 Campus of Germaneto under the supervision of Pr F. Trapasso.

August 19 th 2011 to January 31th 2011: medical assistant at the S Anna Institute of Crotone in Recovery and Functional Rehabilitation Unit and severe brain injury (under the supervision of Dr Lucia Lucca).

January 01th, 2014 to April 30th 2014: Clinical scientist on LRRK2 research study funded by the Michael J. Fox Foundation (supervisors Pr Alexis Brice and Pr. Jean-Christophe Corvol), Inserm Unit 1127 (Pitié-Salpêtrière Hospital, Paris, France).

May 01th 2014 to December 31th 2014: Clinical engineer committed to the Public Assistance Hospitals of Paris (AP-HP) on a job dedicated to clinical research (AOM06085).

January 01th 2015 to April 15th 2015: Clinical scientist committed to the Department of Genetics and Cytogenetics directed by Pr Soubrier GHU at Pitié-Salpêtrière Hospital in the AOM06085 research project.

April 16th 2015 to today: Clinical scientist committed to the Translational Neurosciences Institut (IHU-A-ICM) - Center of Clinical Investigation - directed by Pr Bertrand Fontaine and Pr JC Corvol at the Pitié-Salpêtrière Hospital in the Aetionomy and Iceberg research projects.

Clinical research projects.

May 2th 2013 to today: DIG-PD Project (Drug Interaction Gene in Parkinson's Disease) which aims:

- To document the prevalence and incidence of Parkinson's disease complications and identify clinical factors favoring the occurrence of complications;
- To identify the associations between polymorphisms of candidate genes and the presence or the time to onset of complications;
- To identify the interactions genes / drugs associated with complications.

November 6 th 2014 to present: Project Iceberg. The purpose of this project is to longitudinally study subjects with early stage Parkinson's disease, subjects at risk of developing Parkinson's disease such as subjects with non-motor symptoms such as sleep disorders (IRBD, idiopathic REM sleep Behavior Disorders) and subjects without neurological signs belonging to families of patients with Parkinson's disease with a genetic component (GBA, LRRK2, PARKIN). Thus the project aims:

- To identify markers before the motor signs;
- To identify markers of progression of Parkinson's disease;
- To identify the prognostic factors: the identification of sub-populations at risk of rapid evolution or individuals with a particular evolutionary profile, could afford to develop targeted therapeutics strategy.

February 2th 2015 to today Project PPMI (The Parkinson's Progression Markers Initiative):
This project studies people with Parkinson's disease and their family members to identify genetic traits that could contribute to the onset and progression of Parkinson's disease. PPMI is studying the link between Parkinson's disease and mutations in the LRRK2 gene - the most common genetic factor for Parkinson's disease. PPMI looking for the subjects with the following criteria:

- People with Parkinson's disease and having a mutation in the LRRK2 gene originating from the Eastern European countries with Jewish ancestry (Ashkenazi);
- Non individuals with Parkinson's disease more than 50 years, related to a person with Parkinson's disease have a mutation in the LRRK2 gene and which originate in the countries of Eastern Europe with Jewish ancestry (Ashkenazi) (Sponsor Michael J Fox Foundation).

Registration National Order of Doctors

Order of the Doctors in Crotone (Italie): registration number 1196/KR.

Order of the Doctors in Paris: registration number 82192;

Répertoire registration number (RPPS) 10100672418.

Laboratory tecniques known

Techniques of cell cultures and analysis of cell proliferation.
Extraction of DNA and proteins from cells and tissues.
Extraction of DNA from paraffin-embedded tissues.
Quantification of DNA and proteins.
Extraction of plasmid DNA.
Western Blotting, Immunoprecipitation.
PCR and design of primers specific.
DNA sequencing with Sanger method
Sequencing analysis with SeqScape 2.6 Software Applied Biosystem.
Sequencing analysis with Chromas Software.
Taqman SNP genotyping assays Applied Biosystem.
Extraction of RNA from tissue.
Preparation of bacterial cultures in selective media.
Preparation of competent bacterial cells.
Use of adenoviral vectors.
Phage Display.
ELISA.
Immunoscreeening.
Optical microscopy.
Fluorescence Microscopy.
Confocal Microscopy.
Karyotype analysis from peripheral blood.
Banding techniques GTG, CBG, QFQ.

Neuroimaging tecniques and programs known

Voxel based morphometry (VBM).
Statistical Parametric Mapping 8 (SPM8).
Matlab R2010A version.

Participation in training courses and conferences

- Refresher course in the field of infectious disease of drug addict. Falerna Marina (CZ). October 4th, 2003.
- Subthresold depression. Catanzaro. September 9th, 2003.
- Genetics of epilepsy. Campus Germaneto (CZ). September 13th, 2004.
- Update on the genetics of Parkinson's disease. Catanzaro. September 15th, 2004.
- New frontiers of genetics of hereditary neuropathies. Catanzaro. September 30th, 2004.
- The clinical management and treatment of drug addicts with chronic hepatitis C. Campus Germaneto (CZ), January 28th, 2005.
- The abuse of drugs in chronic headaches in adults and in childhood: prevention, psychiatric comorbidity, clinical management strategies, therapeutic approach. Catanzaro, October 27th, 2005.
- Stemness: the bright and the dark side. Normal and cancer stem cells. Gizzeria Lido (CZ). May 19-22th, 2006.
- Pharmacogenetics and new prospects for therapy of patients with HIV. Campus Germaneto (CZ), March 28th, 2007.
- VII Meeting of Molecular Oncology. Positano. May 14- 17th, 2007.
- Melanoma Workshop. Campus Germaneto (CZ), September 27th, 2007.
- X National Congress of Italian Society of Human Genetics (SIGU). Montecatini Terme, November 14-16th, 2007.
- XVIII Course in Medical Genetics. San Giovanni Rotondo (FG). June 12-14th, 2008.
- XI National Congress of Italian Society of Human Genetics (SIGU). Genoa. November 23-25th, 2008.
- Genetic testing for cystic fibrosis. Germaneto Campus (CZ), February 24th, 2009.
- Lysosomes and surroundings. Germaneto Campus, May 28th, 2009.
- Genetics for the pediatrician. Lamezia Terme (CZ). June 5-6th, 2009.
- XIX Course of Medical Genetics. San Giovanni Rotondo (FG), June 18-20th, 2009.
- Sexual violence: Legal and genetic forensic medical approach. Campus Germaneto (CZ), July 14th, 2009.
- Early cancer detection: Environment, Biomarkers and Mechanisms. Hotel Club Porto Rhoca, Squillace (CZ). May 14-17th, 2010.
- The person on the edge of life and death. Campus Germaneto (CZ), May 25th, 2010.
- XIII National Congress of Italian Society of Human Genetics (SIGU). Florence. October 14-17th, 2010.
- Kinases, Phosphatases and Lipases in health and disease. Campus Germaneto (CZ), October 20-21th, 2010.

- Advanced course in constitutional cytogenetics: toward the molecular karyotype. Genoa. June 15-17th, 2011.
- XLII Congress of Italian Society of Neurology (SIN). Turin. October 22-25th, 2011.
- International Conference of Spinocerebellar degenerations. Brain and Spine Institute (ICM), Pitié-Salpêtrière Hospital. Paris, June, 11-13th, 2013.
- New dimension to brain connectivity. Institut du Fer à Moulin. Paris, October 18th, 2013.
- Atelier bilan neuroimagerie – neuroimmunologie. Paris, November 18th, 2013.
- Journée des Nouveautés de la Recherche Clinique - Société Française de Neurologie 2014. Institut du Cerveau et de la Moelle épinière, Hôpital Pitié-Salpêtrière. Paris, Jan 16-17th, 2014.
- Journée des Nouveautés de la Recherche Clinique - Société Française de Neurologie 2015. Institut du Cerveau et de la Moelle épinière, Hôpital Pitié-Salpêtrière. Paris, Jan 15-16th, 2015.
- Parkinson's Progression Marker Initiative (PPMI) Annual Investigators Meeting. New York, May 13-14th, 2015.
- 1st Congress of the European Academy of Neurology. Berlin Jun 20-23th, 2015.

Abstracts in meetings

F. Paduano, C. Raso, E. Gaudio, **G. Mangone,** E. Iaccino, R. Iuliano, M. Gaspari, G. Cuda, V. Agosti, C. Palmieri, A. Fusco, F. Trapasso."Identification of agonist peptides of PTPRJ, a receptor type protein tyrosine phosphatase with tumor suppressor activity". Scientific Day, March 12th, 2008 University Magna Graecia of Catanzaro.

E. Gaudio, S. Costinean, C. Raso, **G. Mangone**, F. Paduano, N. Zanesi, A. Lavecchia, F. Baudi, M. Kaou, R. Iuliano, CM Croce, A. Fusco, F. Trapasso. "Tumor suppressor activity of PTPRJ, a receptor-type protein tyrosine phosphatase, in human melanoma cells". AACR Annual Meeting 2008. April 12-16th, 2008. San Diego Convention Center. San Diego CA.

G. Mangone, E. Gaudio, S. Costinean, C. Raso, F. Paduano, A. Lavecchia, F. Baudi, F. Fabiani, R. Iuliano, C.M. Croce, A. Fusco, and F. Trapasso. Tumor suppressor activity of PTPRJ, a receptor-type protein tyrosine phosphatase, in human melanoma cells. "XI National Congress of Italian Society of Human Genetics" Genoa. November 23-25th, 2008.

S. Misasi, **G. Mangone,** G. Passafaro, G. Chiarella, E. Cassandro, N. Perrotti. Sensorineural hearing loss (SNHL) in a compound heterozygous for 35DELG and V153I". "XI National Congress of Italian Society of Human Genetics" Genoa. November 23-25th, 2008.

E. Colao, **G. Mangone,** M.D. Nocera, G. Bulotta, A.S. Nagero, P. Malatesta, N. Perrotti. "Case report: a case of balanced translocation 46,XYt(5;6)(q35;p21.1)? associated with oligospermia"**.** "XI National Congress of Italian Society of Human Genetics" Genoa. November 23-25th, 2008.

E. Colao, **G. Mangone,** M.D. Nocera, S. Tammaro, G. Passafaro, G. Bulotta, A.S. Nagero, P. Malatesta, N. Perrotti. "A case of translocation with karyotype 46,X t(Y;5)(q12,23)?" "XI National Congress of Italian Society of Human Genetics". Genoa. November 23-25th, 2008.

E. Colao, **G. Mangone,** M.D. Nocera, G. Bulotta, A.S. Nagero, P. Malatesta, N. Perrotti. "Identification of a patient with un set of chromosomes 47,XXX". "XI National Congress of Italian Society of Human". Genoa. November 23-25th, 2008.

P. Malatesta, E. Colao, A.S. Nagero, M.D. Nocera, G. Bulotta, **G. Mangone,** N. Perrotti. "Un caso di P.O.F. con cariotipo 46,X,t(X;3)(q2.2;q1.2)? "XI National Congress of Italian Society of Human Genetics". Genoa. November 23-25th, 2008.

G. Passafaro, M. Serino, **G. Mangone,** E. Colao, P. Malatesta, N. Perrotti, F. Trapasso. "Identification of a new germline mutation in the APC gene in family with Familial Adenomatous Polyposis. "XII National Congress of Italian Society of Human Genetics" Turin. November 8-10th, 2009.

E. Colao, P. Malatesta, M.D. Nocera, **G. Mangone,** G. Passafaro, F. Trapasso, N. Perrotti. "Report of two cases of Turner Syndrome with different karyotypes". "XII National Congress of Italian Society of Human Genetics". Turin. November 8-10th, 2009.

G. Mangone, E. Colao, M.D. Nocera, A.Laria, E. Tucci, S.Tammaro, P. De Fazio, F. Trapasso, N. Perrotti e P. Malatesta. "A case of true hermaphroditism". "XIII National Congress of Italian Society of Human Genetics". Florence. October 14-17th, 2010.

S. Nucara, **G. Mangone,** E. Colao, T. M.D. Nocera, A. Laria, P. Malatesta, N. Perrotti e F. Trapasso. "Identification of a new mutation in Hairless gene". "XIII National Congress of Italian Society of Human Genetics". Florence. October 14-17th, 2010.

V. Perrot, **G. Mangone,** Y. Anouar. REST and the neuroendocrine differentiation of prostate cancer. 17ème journée scientifique de l'Institut Fédératif de Rercherche Multidisciplinaires sur les Peptides IFRMP23, Rouen (France), June 17th, 2011.

Dalla Volta R, Cerasa A, **Mangone G,** Passamonti L, Quattrone A, Buccino G. Cortical correlates of walking in different spatial contexts : a fMRI study. 8th Forum of Neuroscience (FENS). Barcelona. July 14-18th, 2012.

Mangone G, Cerasa A, Valentino P, Nisticò R, Pirritano D, Gioia MC, Chiriaco C, Perrotta P, Vaiti V, Trotta M, Talarico T, Bilotti G, Quattrone A. Cerebellar-parietal dysfunctions in multiple sclerosis patients with cerebellar signs. 28th Congress of the European Committee for treatment and research in Multiple Sclerosis (ECTRIMS). Lyon. October 10-13th, 2012.

Mangone G, Cerasa A, Valentino P, Gioia MC, Chiriaco C, Pirritano D, Nisticò R, Trotta M, Rocca F, Perrotta P, Augimeri A, Talarico T, Bilotti G, Quattrone A. Blind randomized controlled study of the efficacy of attentional cognitive rehabilitation in multiple sclerosis as measured by fMRI. 28th Congress of the European Committee for treatment and research in Multiple Sclerosis (ECTRIMS). Lyon. October 10-13th, 2012.

P. Perrotta, A. Cerasa, R. Vasta, A. Sarica, P. Valentino, F. Fera, **G. Mangone**, M. Cannataro, M. Caracciolo, A. Quattrone. Novel Method for Automated Tractography Reconstruction of White-Matter Pathways (TRACULA) in Amyotrophic Lateral Sclerosis: Application and Validation on Clinical Data. XXVII National Congress Italian Association of Neuroradiology. Coppito (AQ) - Italy - . September 18-21th, 2013.

G. Donzuso, A. Cerasa, M. Morelli, **G. Mangone**, M. Salsone, F. Fera, P. Perrotta, M. Nonnis, V. Vaiti, G. Arabia, A. Quattrone. Resting-state brain networks in Parkinson's disease with Levodopa-induced dyskynesias. XLIV Italian Society of Neurology (SIN) Congress. Milan, November 2-5th, 2013.

G Mangone, F Cormier-Dequaire, K Tahiri, MLWelter, A Welaratne, J Kraemmer, C Karachi, MS Navarro, V Guillemot, A Tenenhaus, I Mozser, J Guegan, V Perlbarg, S Fernandez-Vidal, D Garcia-Lorenzo, S Lehericy, F Pineau, S Lesage, P Pelissier, P Krack, D Morand, C Delaigue, F Durif, A Brice and JC Corvol. Cognitive progression in patients with genetic forms of Parkinson's disease treated with deep brain stimulation: a retrospective imaging genetics study. Oral presentation 1st Congress of the European Academy of Neurology. Berlin Jun 20-23th, 2015.

F. Cormier-Dequaire, **G. Mangone**, S. Bureau , K. Tahiri, J. Kraemmer, A. Welaratne, C. Karachi, A. Brice, ML Welter, and JC Corvol. Effect of Catecho-O-metyltransferase (COMT) genotype on the response to bilateral subthalamic deep brain stimulation (DBS-STN) in Parkinson disease (PD). 1st Congress of the European Academy of Neurology. Berlin Jun 20-23th, 2015.

Scientific Publications

Nucara S., Colao E., **Mangone G.**, Baudi F., Fabiani F., Nocera MD., Passafaro G., Longo T., Laria AE., Malatesta P., Amato R., Trapasso F., Perrotti N. Identification of a new mutation in the gene coding for hairless protein responsible for alopecia universalis: the importance of direct gene sequencing. Dermatol Online J. 2011;17(1):3.

Paduano F., Ortuso F., Campiglia P., Raso C., Iaccino E., Gaspari M., Gaudio E., **Mangone G.,** Carotenuto A, Bilotta A., Narciso SD., Palmieri C., Agosti V., Artese A, Gomez-Monterrey I., Sala M., Cuda G., Iuliano R., Perrotti N., Scala G., Viglietto G., Alcaro S., Croce CM., Novellino E., Fusco A. and Trapasso F. Isolation and functional characterization of peptide agonists of PTPRJ, a tyrosine phosphatase receptor endowed with tumor suppressor activity. ACS Chemical Biology. 2012 Oct 19;7 (10):1666-76.

Cerasa A, Passamonti L., Gioia MC, Valentino P, Nisticò R, Pirritano D, Gioia MC, Chiriaco C, **Mangone G**, Trotta M, Perrotta P, Quattrone A. Cerebellar-parietal dysfunctions in multiple sclerosis patients with cerrebellar signs. Exp Neurol. 2012 Oct; 237(2):418-26.

Cerasa A, Gioia MC, Valentino P, Nisticò R, Chiriaco C, Pirritano D, Tomaiuolo F, **Mangone G**, Trotta M, Talarico T, Bilotti G, Quattrone A. Computer-assisted cognitive rehabilitation of attentional deficits for multiple sclerosis: a randomized trial with fMRI correlates. Neurorehabilitation and Neural Repair. 2013 May; 27(4):284-95.

Cerasa A., Quattrone A., Piras F., **Mangone G.,** Magariello A., Fagioli S, Girardi P., Muglia M., Caltagirone C., Spalletta G. 5-HTTLPR, anxiety and gender interaction moderates right amygdala volume in healthy subjects. Soc Cogn Affect Neurosci. 2014 Oct; 9(10):1537-1545.

Sarica A, Cerasa A, Vasta R, Perrotta P, Valentino P, **Mangone G**, Guzzi PH, Rocca F, Nonnis M, Cannataro M, Quattrone A. Tractography in amyotrophic lateral sclerosis using a novel probabilistic tool: A study with tract-based reconstruction compared to voxel-based approach. J of Neurosci Methods. 2014 Mar 15; 224:79-87.

Cerasa A, Koch G, Donzuso G, **Mangone G,** Morelli M, Brusa L, Stampanoni Bassi M, Ponzo V, Picazio S, Passamonti L, Salsone M, Augimeri A, Caltagirone C, Quattrone A. A network centred on the inferior frontal cortex is critical for inducing levodopa-induced dyskinesias. Brain. 2015 Feb;(Pt2):414-427.

Cerasa A, Donzuso G, Morelli M, **Mangone G,** Salsone M, Passamonti L, Augimeri A, Arabia G, Quattrone A. The motor inhibition system in Parkinson's disease with levodopa-induced dyskinesias. Mov Dis, accepted 2015 Aug. PMID:26275050.

Dalla Volta R, Fasano F, Cerasa A, **Mangone G,** Quattrone A, Buccino G. Walking in, walking out: an fMRI study. Frontiers in Psychology, section Cognitive Science, accepted 2015 July 29th Manuscript ID: 156890.

Collaborations

From May 2006 to present: collaboration with Dr. Pietro Gareri, Deputy Regional Director ACSA (Interregional Association of Cardiologists and Ambulatory Medical Specialists).

From April 2007 to July 2010: collaboration with Dr. Francesco Baudi responsible physician Laboratory of Hereditary Cancers Campus Germaneto for the interpretation of the data analysis of gene sequencing.

From February 2008 to July 2010: collaboration with Dr. Daniela Concolino medical director at the UO of Pediatrics University with which follows patients with genetic diseases and dysmorphic features associated with Noonan syndrome patients.

From July 2007 to July 2010: collaboration with Prof. Nicola Perrotti (Director of the Medical Genetics School at the University "Magna Græcia" in Catanzaro during second, thirth and forth year of the Postgraduate School, in teaching and educational activities of students enrolled in the first year of the Degree in Medicine and Surgery attending the course in Medical Genetics.

International experiences

Erasmus Project September 01th, 2009 to January 31th, 2010: collaborations at the Faculty of Sciences, University of Rouen (France) at the "Laboratoire Communication et Différenciation Neuronal et Neuroendocrine" under the supervision of Dr. Valérie Perrot with whom he worked in a research project on prostate cancer with the aim to determine the molecular and cellular mechanisms behind the acquisition of neuroendocrine phenotype in prostate cancer and the importance of neuroendocrine differentiation in prostatic tumorigenesis. The preliminary results identified three markers involved in the neuroendocrine differentiation of the cells of prostate carcinoma.

Collaboration at the Faculty of Medicine, University of Rouen (France) with Prof. Mario Tosi (Unité de Recherche U614-IFRMP - Génétique Médicale et Fonctionelle du Cancer et des Maladies Neuropsychiatriques Director Thierry Frébourg) where she worked on the molecular diagnosis and susceptibility genes involved in intestinal cancer, neuromuscular diseases and neuropsychiatric disorders.

Personal skills and competences

Mother tongue: italian.

Other languages: french (reading, writing, spoken interaction and production good).
english (reading, writing, spoken interaction and production good).

Technical skills and competences

Good knowledge of Office pachages (Word, Excel, Power point), Internet Explorer and e-mail.

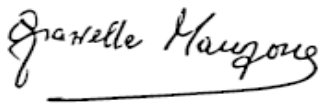
Good knowledge of STATISTICA software.

Good knowledge of GraphPad Prism 6.0 software.

Driving licence B.

Paris, August 23th 2015

Signature



I authorise the use of my personal data according to Legislative Decree N°445/2000

Unité de Recherche U614 – IFRMP
Génétique Médicale et Fonctionnelle du Cancer
et des Maladies Neuropsychiatriques.

Thierry Frébourg, Directeur

Letter of recommendation concerning Dr Graziella Mangone, University of Catanzaro, Italy

Rouen, 23 March 2010

To whom it may concern :

Ms Graziella MANGONE, MD, from the University of Catanzaro, Italy, has been an Erasmus exchange student in the laboratory *« Différenciation et communication neuronale et neuroendocrine »*, Inserm Unit 982 at the University of Rouen, where she has been working under the supervision of Dr Valérie Perrot, from September 1st 2009 to January 31 2010.

During that time, Ms Mangone has been visiting on several occasions my laboratory within the Inserm Unit 614 at the Medical Faculty of Rouen, to discuss especially methodological issues related to the molecular diagnosis of genetic susceptibilities to cancer, neuromuscular diseases and neuropsychiatric diseases. Dr Mangone has also participated in regular scientific meetings of our research unit.

Concerning methods, Ms Mangone has examined in detail the data acquisition and the data analysis of the Agilent platform for Comparative Genomic Hybridization.

Based on our discussions as well as her interactions with other members of my laboratory, I am convinced that Ms Mangone is a highly motivated and bright medical doctor, with a strong interest in fundamental research and in applications of research to medicine and especially medical genetics.

We are presently considering with great interest the possibilities of her future participation in more formal collaborations with our laboratory.

Sincerely

Pr Mario Tosi
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Unité de Recherche U614 – IFRMP
Génétique Médicale et Fonctionnelle du Cancer
et des Maladies Neuropsychiatriques.

Thierry Frébourg, Directeur

Letter of recommendation concerning Dr Graziella Mangone, University of Catanzaro, Italy

Rouen, 23 March 2010

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Sincerely

Pr Mario Tosi
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March 29th, 2010

TO WHOM IT MIGHT CONCERN:

I am delighted to write this letter of recommendation on behalf of Dr. Graziella Mangone. I have had the privilege of working directly with Dr. Mangone as her research mentor while in our lab for a period of five months (Sept. 2009-Jan. 2010). Graziella Mangone is a medical doctor from the University of Catanzaro (Italy). Dr. Mangone was enrolled in the Erasmus program to perform her training in our laboratory at INSERM U982-University of Rouen.

Dr. Mangone was directly involved in a project that aimed to identify molecular and cellular mechanisms leading to neuroendocrine differentiation in prostate cancer. She gained knowledge in Biochemistry, Molecular Biology and Cell Biology.

During her training, I could appreciate Dr. Mangone technical and intellectual capabilities's. She shows a real motivation during her training and a lot of enthusiasm to learn. She has a solid scientific background and is successful in her techniques. She is able to direct her day-to-day activity and works with a high degree of independence. She is interested and intelligent, outstanding in her ability to design and execute meaningful experiments, and technically adept. Dr. Mangone's work is meticulous and thorough. At each juncture in the project, she has helped identify and implement the appropriate research strategies. Her contribution allows her to be coauthors of a manuscript in preparation.

Last, I also would add that Dr. Mangone is friendly, cooperative, energetic and bright. I predict she will be a successful Ph.D. student, and give her my highest recommendation.

Please do not hesitate to contact me if you have any questions.

Sincerely,

Valérie Perrot, Ph.D., HDR,
INSERM U982

Facoltà di Medicina e Chirurgia
Dipartimento di Scienze della Salute

Via T. Campanella, 115 – 88100 CATANZARO Tel 0961-712372 0961-775354

Università degli Studi di Catanzaro
"Magna Græcia"

Prof. Nicola Perrotti
Professore di Genetica Medica
Direttore U.O.C. Genetica Medica
Perrotti@unicz.it

Catanzaro , october 24th 2013

To whom it may concern,

I know Graziella Mangone from the first years of her career and it's a big pleasure for me to describe and greatly recommend her. We know each other since my class of genetics and general pathology where she was attending as undergraduate student of Medicine in the University Magna Græcia of Catanzaro. From the first classes, she showed a great interest in the topics and an outstanding comprehension facility getting exceptionally good grades. She graduated in Medicine and entered the residency program in medical genetics, that attended, under my supervision from September 2006 to July 2010. During the residency program she has been deeply involved both in clinical genetics and molecular and cytogenic diagnosis, demonstrating enthusiasm, knowledge and developing sophisticated technical skills. I can describe her as well motivated, hard worker and independent. It is very pleasant for the supervisor to see that once goals are set, one does not have to worry about Graziella's progress, she would bring the results back. Moreover, on a personal level, she is a very capable and extroverted person that feels comfortable to interact with all the members of the lab. For her intellectual abilities, experimental skills, motivation in science and for her excellent disposition for team working, I enthusiastically recommend her. If there is any question regarding her reference, please do not hesitate to contact me at any time.

Yours sincerely,

Prof. Nicola Perrotti. MD
Professor of medical genetics
Department of Human Health
University Magna Grecia of Catanzaro
E-mail:perrotti@unicz.it

Crotone 26/10/2013

Dr. Lucca Lucia Francesca
Responsabile Unità Gravi Cerebrolesioni
Istituto S. Anna – Crotone
l.lucca@istitutosantanna.it

The Dr Graziella Mangone was part of the team directed by me from 16 August 2010 to 31 January 2011. My team takes care patients with severe brain injury acquired; Graziella has shown good ability of various problems of these patients with disorders of consciousness: infections, tracheotomy, dysphagia, bedsores, malnutrition, spasticity and sensory-motor deficits etc.
Dr Mangone shows not only excellent basic training, but also the ability to quickly learn new skills. She is a very tenacious worker, very helpful with other colleagues, also shows great capacity for empathy with both the patients suffering from severe disabilities and their families.
With great pleasure I offer my recommendation for Dr. Mangone because I believe that that in whatever field she applies she has the potential to quickly learn specific skills.

I remain at your disposal for further clarification of skills of Dr. Graziella Mangone.

FIRMA

Dr Lucca Lucia Francesca
Medical Manager
Unit for Severe Brain Injury
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Italy
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