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*Decreto Rettore Università di Roma "La Sapienza" n. 1221/2020 del 6/5/2020*

## Curriculum Vitae

**Marco Fiorelli**

### Part I – General Information

Full Name	Marco Fiorelli
Spoken Languages	Italian, English, French
ORCID ID	0000-0003-0235-0146

### Part II – Education

Type	Year	Institution	Notes
Diploma of Neuro-Oncology (D.I.U. de Neuro-Oncologie)	2012	University Paris 6, France	
Diploma of Health Economics COR.GE.SAN.	2005	Bocconi University, Milan	
Board certification in Radiology	2001	University La Sapienza	70/70 cum laude
Post Doctoral Fellow (Neurosciences)	1998	University La Sapienza	
ECFMG Certificate of the Educational Commission for Foreign Medical Graduates (USA)	1996		
PhD in Neurosciences	1993	University La Sapienza	
Board certification in Neurology	1988	University La Sapienza	70/70 cum laude
Diploma of Biostatistics (D.E.A. de Statistique et Santé)	1991	University Paris 11, France	
University Graduation in Medicine and Surgery	1984	University La Sapienza	110/110 cum laude

### Part III – Appointments

#### IIIA – Academic Appointments

Start	End	Institution	Position
2014	Ongoing (until 2023)	ANVUR	ASN National Qualification - 2012 edition (Associate Professor of Neurology, SC 06/D6; Associate Professor of Radiology, SC 06/I1)
1999	Ongoing	University La Sapienza	Aggregate Professor (Ricercatore – MED 26 Neurology switched to MED 37 Radiology in 2016)

#### IIIB – Leaves for Research and Further Higher Education in Foreign Institutions

Start	End	Institution	Position
2015	(3 weeks)	Martinos Center for Biomedical Imaging, Harvard Medical School, Boston , USA	Participant to the Multimodality Short Course in Advanced Brain Imaging
2013	(1 month)	Department of Neurology, Cedars Sinai Medical Center, Los Angeles, CA, USA (with. Dr. P.D. Lyden)	Visiting Scientist
2011/12	(3 months)	Mazarin Division of Neurology, Hopital Pitié-Salpêtrière, Paris, France (with Prof. J.Y. Delattre)	Visiting Scientist and Participant to the Master Course in Neuro-Oncology
2003	(3 months)	Department of Radiology, University of Utrecht, The Netherlands (with Prof. W. Mali)	Visiting Scientist (New techniques of Magnetic Resonance Imaging)
1990	1991	INSERM Unit 169, Villejuif, France (with. Prof. A. Alperovitch)	Participant to Master Course in Medical Statistics
1990	(1 month)	Scripps Clinic, La Jolla, CA, USA (with Dr. G. Del Zoppo)	Visiting Fellow (Thrombolysis in acute stroke. Clinical and experimental)
1988	1990	Department of Biology, French Commissariat for Atomic Energy, Orsay, France (with Prof. J.C. Baron)	Visiting Fellow (Positron Emission Tomography (PET) Studies of cerebral blood flow and metabolism)

### IIIC – Clinical Appointments

Start	End	Institution	Position
1999	Ongoing	Neuroradiology Unit, Policlinico Umberto I, Rome	Dirigente Medico (28 h/week, in charge of Neuro-CT and MRI exams, and diagnostic Radiology exams)

### IIID – Other Appointments

Start	End	Institution	Position
2019	Ongoing	Sistema Bibliotecario Sapienza	Member
2016	2019	Giunta di Dipartimento	Member
2016	Ongoing	Giunta di Facoltà (Medicina e Odontoiatria)	Member
2005	2005	Commission of the Ministère de la Santé et de la Protection Sociale (France) for the "Assessment of the structure and organization of innovative activities in regional networks of biology applied to onco-hematology"	Member
2004	2004	Evaluation Committee of the laboratories of the Institut National de la Santé et de la Recherche Médicale (INSERM), France	Member

#### Part IV – Teaching experience

Year	Institution	Lecture/Course
2019- Ongoing	University La Sapienza	Teaching assignment in PhD Course (Dottorato di Ricerca in Neuroscienze Clinico-Sperimentali e Psichiatria, Neuroimaging in Movement Disorders module)
2018- Ongoing	University La Sapienza	Corso di Laurea Magistrale A in Medicina e Chirurgia, Neuroradiology module (frontal courses to medical students)
2016- Ongoing	University La Sapienza	Corso di Laurea Magistrale F in Medicina e Chirurgia, Neuroradiology module (frontal courses to medical students, in English)
2016- Ongoing	University La Sapienza	Scuola di Specializzazione in Neuropsicologia, Neuroimaging module (frontal courses and practical training to Graduates in Psychology)
2015- 2018	University La Sapienza	Scuola di Specializzazione in Medicina Fisica e Riabilitazione, Neuroimaging module (practical training to residents)
2013	16 <sup>th</sup> Annual Conference of the Indian Society of Neuroradiology, Bangalore, India	Two Invited Lectures on "Neuroradiology of Brain Tumors"
2011- 2016	University La Sapienza	Corso di Laurea Triennale in Fisioterapia (Polo Pontino), vice-President
2006- 2007 and 2012	Molinette Hospital, Turin	Lecturer in Neuroradiology at the Regional Training Course on Stroke Management (3-hour theoretical and practical courses), coordinator Dr. Paolo Cerrato
2000- 2016	University La Sapienza	Corso di Laurea Triennale in Fisioterapia (Polo Pontino), Neurology module (frontal courses and practical training)
2002	MRI Erasmus Course, Dresden, Germany	Invited Lecture on "MRI and brain hemorrhage"
2001- 2002	University La Sapienza	Scuola di Specializzazione in Neurologia, Neuroradiological Anatomy module (frontal courses and practical training to residents)
1997- 2000	University La Sapienza	Corso di Laurea Triennale in Fisioterapia (Polo Pontino), Medical Biophysics module (frontal courses)

## Part V - Society memberships, Awards and Honors

Year	Title
Last 5 years	Peer Reviews for articles in the following journals: Journal of Inherited Metabolic Diseases, European Journal of Neurology, Neuroscience letters, International Journal of Stroke, Journal of Stroke and Cerebrovascular Diseases
2019- Ongoing	Member of the Associazione Italiana di Neuroradiologia
2017	Project Reviewer for the United States – Israel Binational Science Foundation (BSF)
2012	Award for best poster (co-Author) at the conference of the European Association of Neuro-Oncology (EANO)
2004	Award for best poster at the International Workshop on Stroke (Chennai, India)
1995	Award of the Société Française de Circulation et Métabolisme du Cerveau (ex-aequo with Dr. Danilo Toni) for researches on stroke
1990	Grant of the Association Française contre les Myopathies (AFM) to research on brain metabolism in Myotonic Dystrophy

**Part VI - Funding Information [grants as PI-principal investigator or I-investigator]**

Year	Title	Program	Grant value (€)
2019	In vivo Advanced Systems for qualitative and quantitative Magnetic Resonance Imaging of the brain and heart (I)	Iniziative di Ateneo – Univ. La Sapienza	420.000
2019	From nerve to brain: a comprehensive assessment of morphological and functional neural changes associated with trigeminal neuralgia using high-field MRI (I)	Iniziative di Ateneo – Univ. La Sapienza	11.000
2018	Studio della perfusione cerebrale nella sclerosi multipla recidivante-remittente mediante Risonanza Magnetica 3T (PI)	Iniziative di Ateneo – Univ. La Sapienza	10.000
2018	Coagulation/complement activation and cerebral hypoperfusion in relapsing-remitting multiple sclerosis (I)	Ministero della Salute	37.590
2017	Structural and functional high-resolution high-field MR imaging of the psychopathic brain (I)	Iniziative di Ateneo – Univ. La Sapienza	10.000
2016	Changes in the hypothalamic-pituitary region of patients with Metabolic Syndrome and Obesity: the CHIASM Study (I)	Iniziative di Ateneo – Univ. La Sapienza	8.000
2014	Post-partum depression. Neurobiological characterization with brain structural and functional Magnetic Resonance Imaging (PI)	Iniziative di Ateneo – Univ. La Sapienza	9.000
2013	Chemoradiotherapy and cognitive function in women with breast cancer. A multimodal Magnetic Resonance Imaging study on 'chemobrain' (PI)	Iniziative di Ateneo – Univ. La Sapienza	11.000 +22.946 per Assegno di ricerca
2008	Sviluppo di iniziative di didattica, anche web-based, e di ricerca nelle malattie cerebrovascolari con particolare riguardo all'ictus cerebrale acuto in partnership con Univ. of California at San Diego (PI)	Accordi Bilaterali Internazionali – Univ. La Sapienza	5.000
2002	Diffusion-weighted imaging in stroke. An Indo-Italian Collaborative Project for Research and Cooperation in Science and Technology (PI)	Ministero degli Esteri	10.000

**Part VII – Research Activities**

Keywords	Brief Description
Stroke	CT and MRI imaging in the acute phase
Multiple Sclerosis	MRI indicators of CNS damage
Breast Cancer	MRI and clinical correlates of subjective cognitive dysfunction
Brain Tumors	Advanced multi-modal MR imaging

**Part VIII – Summary of Scientific Achievements**

Product type	Number	Data Base	Start	End
Papers [international]	72	Web of Sciences ( <a href="https://apps.webofknowledge.com/">https://apps.webofknowledge.com/</a> )	1986	2020
Hirsch (H) index	29	“	“	“
Total Citations	3.581	“	“	“
Average Citations per Product	49,74	“	“	“
Total Impact factor	257,75	Journal Citation Reports ( <a href="https://jcr.clarivate.com/">https://jcr.clarivate.com/</a> )	“	“
Average Impact Factor	3,580	“	“	“

## Part IX– Selected Publications

- 1) Truini, A., Prosperini, L., Calistri, V., **Fiorelli, M.**, Pozzilli, C., Millefiorini, E., Frontoni, M., Cortese, A., Caramia, F., Cruccu, G.  
A dual concurrent mechanism explains trigeminal neuralgia in patients with multiple sclerosis  
(2016) *Neurology*, 86 (22), pp. 2094-2099. **Cited 30 times.**  
DOI: 10.1212/WNL.0000000000002720  
DOCUMENT TYPE: Article  
SOURCE: Scopus  
**I.F. 8.320**
- 2) Charidimou, A., Pasi, M., **Fiorelli, M.**, Shams, S., Von Kummer, R., Pantoni, L., Rost, N.  
Leukoaraiosis, Cerebral Hemorrhage, and Outcome after Intravenous Thrombolysis for Acute Ischemic Stroke: A Meta-Analysis (v1)  
(2016) *Stroke*, 47 (9), pp. 2364-2372. **Cited 30 times.**  
DOI: 10.1161/STROKEAHA.116.014096  
DOCUMENT TYPE: Article  
SOURCE: Scopus  
**I.F. 6.032**
- 3) **Fiorelli, M.**, Aceti, F., Marini, I., Giacchetti, N., Macci, E., Tinelli, E., Calistri, V., Meuti, V., Caramia, F., Biondi, M.  
Magnetic Resonance Imaging Studies of Postpartum Depression: An Overview  
(2015) *Behavioural Neurology*, 2015, art. no. 913843, . **Cited 11 times.**  
DOCUMENT TYPE: Review  
SOURCE: Scopus  
**I.F. 1.629**
- 4) Raz, E., Tinelli, E., Antonelli, M., Canevelli, M., **Fiorelli, M.**, Bozzao, L., Di Piero, V., Caramia, F.  
MRI Findings in Lymphomatosis Cerebri: Description of a Case and Revision of the Literature  
(2011) *Journal of Neuroimaging*, 21 (2), pp. e183-e186. **Cited 31 times.**  
DOCUMENT TYPE: Article  
SOURCE: Scopus  
**I.F. 1.509**
- 5) Cruccu, G., Biasiotta, A., Di Rezze, S., **Fiorelli, M.**, Galeotti, F., Innocenti, P., Mamei, S., Millefiorini, E., Truini, A.  
Trigeminal neuralgia and pain related to multiple sclerosis  
(2009) *Pain*, 143 (3), pp. 186-191. **Cited 102 times.**  
DOCUMENT TYPE: Article  
SOURCE: Scopus  
**I.F. 5.371**
- 6) Gossetti, B., Gattuso, R., Irace, L., Faccenna, F., Venosi, S., Bozzao, L., **Fiorelli, M.**, Andreoli, R., Gossetti, C.  
Embolism to the brain during carotid stenting and surgery  
(2007) *Acta Chirurgica Belgica*, 107 (2), pp. 151-154. **Cited 75 times.**  
DOCUMENT TYPE: Article  
SOURCE: Scopus  
**I.F. 0.394**



- 7) Pierallini, A., Caramia, F., Falcone, C., Tinelli, E., Paonessa, A., Ciddio, A.B., **Fiorelli, M.**, Bianco, F., Natalizi, S., Ferrante, L., Bozzao, L.  
Pituitary macroadenomas: Preoperative evaluation of consistency with diffusion-weighted MR imaging - Initial experience  
(2006) *Radiology*, 239 (1), pp. 223-231. **Cited 79 times.**  
DOCUMENT TYPE: Article  
SOURCE: Scopus  
**I.F. 5.251**
- 8) Paolillo, A., Pozzilli, C., Giugni, E., Tomassini, V., Gasperini, C., **Fiorelli, M.**, Mainero, C., Horsfield, M., Galgani, S., Bastianello, S., Buttinelli, C.  
A 6-year clinical and MRI follow-up study of patients with relapsing-remitting multiple sclerosis treated with interferon-beta  
(2002) *European Journal of Neurology*, 9 (6), pp. 645-655. **Cited 59 times.**  
DOCUMENT TYPE: Article  
SOURCE: Scopus  
**I.F. 1.565**
- 9) Berger, C., **Fiorelli, M.**, Steiner, T., Schäbitz, W.-R., Bozzao, L., Bluhmki, E., Hacke, W., Von Kummer, R.  
Hemorrhagic transformation of ischemic brain tissue asymptomatic or symptomatic?  
(2001) *Stroke*, 32 (6), pp. 1330-1335. **Cited 409 times.**  
DOCUMENT TYPE: Article  
SOURCE: Scopus  
**I.F. 5.330**
- 10) **Fiorelli, M.**, Toni, D., Bastianello, S., Sacchetti, M.L., Sette, G., Falcou, A., Argentino, C., Lorenzano, S., Di Angelantonio, E., Bozzao, L.  
Computed tomography findings in the first few hours of ischemic stroke: Implications for the clinician  
(2000) *Journal of the Neurological Sciences*, 173 (1), pp. 10-17. **Cited 24 times.**  
DOCUMENT TYPE: Article  
SOURCE: Scopus  
**I.F. 1.678**
- 11) **Fiorelli, M.**, Bastianello, S., Von Kummer, R., Del Zoppo, G.J., Larrue, V., Lesaffre, E., Ringleb, A.P., Lorenzano, S., Manelfe, C., Bozzao, L.  
Hemorrhagic transformation within 36 hours of a cerebral infarct: Relationships with early clinical deterioration and 3-month outcome in the European Cooperative Acute Stroke Study I (ECASS I) cohort  
(1999) *Stroke*, 30 (11), pp. 2280-2284. **Cited 426 times.**  
DOCUMENT TYPE: Article  
SOURCE: Scopus  
**I.F. 5.528**
- 12) **Fiorelli, M.**, Duboc, D., Mazoyer, B.M., Blin, J., Eymard, B., Fardeau, M., Samson, Y.  
Decreased cerebral glucose utilization in myotonic dystrophy  
(1992) *Neurology*, 42 (1), pp. 91-94. **Cited 40 times.**  
DOCUMENT TYPE: Article  
SOURCE: Scopus  
**I.F. 4.526 (1997)**