

ALL. B

Decreto Rettore Università di Roma “La Sapienza” D.R. n. 2500/2019 del 6/08/2019

PATRIZIO PASQUALETTI
Curriculum Vitae

Place: Roma

Date: 15/9/2019

Part I – General Information

Full Name	PATRIZIO PASQUALETTI
Date of Birth	
Place of Birth	
Citizenship	
Permanent Address	
Mobile Phone Number	
E-mail	
Spoken Languages	

Part II – Education

Type	Year	Institution	Notes (Degree, Experience,...)
Specialty	1997	Università di Roma “La Sapienza”	“Health statistics” (Statistica Sanitaria)
University attendance	1991	University of Michigan	Certified attendance of summer term courses in Analysis of Survey Data, Longitudinal Survey Design, Computer Analysis of Survey Data
University graduation	1991	Università di Roma “La Sapienza”	Statistics (laurea vecchio ordinamento in Scienze Statistiche e Demografiche)

Part III – Appointments

IIIA – Academic Appointments

Start	End	Institution	Position
1998	2019	Università degli Studi di Roma “Tor Vergata”	Adjunct professor of Medical Statistics, undergraduate course “Scienze infermieristiche e ostetriche”, Faculty of Medicine
2011	2019	Università Cattolica del Sacro Cuore	Teacher of courses: <i>Bayesian methods</i> and subsequently <i>Power analysis and sample size</i> , in “Master di II livello in Epidemiologia e Biostatistica”
2012	2019	Università di Pavia	Teacher of courses: <i>Power analysis and sample size</i> in “Master di II livello in Biostatistica e Metodologia Epidemiologica
2018	2019	Università di Milano-Bicocca	Teacher of courses: <i>Power analysis and sample size</i> , in “Master di II livello in “Metodologia Epidemiologica e Biostatistica per la Ricerca Clinica”
2008	2017	Università Campus Bio-Medico di Roma”	Adjunct professor of Medical Statistics, undergraduate course “Tecniche di Diagnostica per Immagini e Radioterapia”, Faculty of Medicine
2009	2016	Università di Modena-Reggio Emilia	Teacher of course: <i>Study design</i> , in “Corso di perfezionamento in Statistica applicata ai quesiti clinici” (2009, 2010, 2011, 2012, 2014, 2016)
2015	2016	Università di Foggia	Teacher of “Corso di Perfezionamento e Aggiornamento Professionale in <i>Biostatistica per la Pratica Clinica e per la Ricerca Biomedica</i> ”
2012	2012	ANVUR	Reviewer for Academic Research Evaluation Exercise, Italian Ministry of University and Research
2006	2007	Università degli Studi di Roma “Tor Vergata”	Adjunct professor of Social Statistics, undergraduate course “Scienza delle professioni sanitarie diagnostiche”, Faculty of Medicine
2006	2007	Università degli Studi di Roma “La Sapienza”	Adjunct professor of Statistics for experimental and technological research, undergraduate course “Scienza delle professioni sanitarie diagnostiche”, Faculty of Medicine
2018	2019	Università di Pavia	Valutatore tesi di Dottorato di Psicologia, Neuroscienze e Statistica

			Medica “Trajectory models in cognitively healthy elders” Dottorando Ottavia Eleonora Ferraro. Supervisor: Prof.ssa Simona Villani
2017	2018	Università di Roma Sapienza. Facoltà di Ingegneria dell’Informazione, Informatica e Statistica	Relatore esterno tesi di laurea magistrale “Patologie respiratorie nei nati prematuri dell’“Ospedale San Giovanni Calibita Fatebenefratelli”: alcuni modelli predittivi.” Candidato Marco Finocchietti. Relatore: Prof.ssa Viviana Egidi.
2016	2017	Università di Roma Sapienza. Facoltà di Ingegneria dell’Informazione, Informatica e Statistica	Relatore esterno tesi di laurea magistrale “Determinanti della buona salute in una collettività di ultranovantenni del Mugello. Candidato Cosmo Strozza. Relatore: Prof.ssa Viviana Egidi
2014	2015	Università di Roma Sapienza. Facoltà di Ingegneria dell’Informazione, Informatica e Statistica	Relatore esterno tesi di laurea magistrale “Effetti della stimolazione magnetica transcranica sul segnale EEG nella malattia di Alzheimer: analisi statistica delle specificità spazio-temporali. Candidata Roberta D’Amico. Relatore: Prof.ssa Viviana Egidi
2013	2014	Università di Roma Sapienza. Facoltà di Ingegneria dell’Informazione, Informatica e Statistica	Relatore esterno tesi di laurea magistrale “Incidenza della malattia di Alzheimer in pazienti con disturbo cognitivo lieve: valutazione critica del valore predittivo della concentrazione ematica del rame. Candidata Maria Chiara Magri. Relatore: Prof.ssa Viviana Egidi.
2008	2009	Università di Roma Sapienza. Facoltà di Ingegneria dell’Informazione, Informatica e Statistica	Relatore esterno tesi di laurea magistrale “Fattori predittivi dell’ictus. Un tentativo di valutazione su dati sperimentali” Candidata Francesca Mattei. Relatore: Prof.ssa Viviana Egidi
2006	2007	Università di Roma Sapienza. Facoltà di Ingegneria dell’Informazione, Informatica e Statistica	Relatore esterno L’individuazione precoce del rischio evolutivo per i nati pretermine. Candidata Patrizia Giannantoni. Relatore: Prof.ssa Viviana Egidi
2003	2004	Università “Campus Bio-Medico” di Roma	Relatore esterno Il Telephone Interview for Cognitive Status: Validità ed utilizzo della versione italiana in pazienti affetti dalla malattia di Alzheimer. Candidata: Federica Bressi Relatore: Prof. Paolo

Maria Rossini

IIIB – Other Appointments

Start	End	Institution	Position
2016	2019	Fondazione Fatebenefratelli per la Ricerca e la Formazione Sanitaria e Sociale, c/o Ospedale Fatebenefratelli-Isola Tiberina, Roma	Scientific Director
1999	2019	Comitato Etico IRCCS San Giovanni di Dio – Fatebenefratelli	Biostatistician
2016	2019	Organismo Preposto al Benessere Animale, Università Cattolica del Sacro Cuore	Biostatistician
2000	2016	Fondazione Fatebenefratelli per la Ricerca e la Formazione Sanitaria e Sociale, c/o Ospedale Fatebenefratelli-Isola Tiberina, Roma	Biostatistician, Head of Service for Medical Statistics & IT
1996	2000	Associazione Fatebenefratelli per la Ricerca biomedica e sanitaria	Biostatistician
1993	1996	Ospedale Fatebenefratelli- Isola Tiberina, Roma	Fellowship (agreement with E.N.E.A)
1992	1993	IBM-Università di Roma “La Sapienza”	Fellowhip “Sviluppo di una applicazione informatica prototipale per l'acquisizione, la catalogazione e l'utilizzo a fini didattici e di ricerca, di immagini di campioni e referti appartenenti a musei scientifici”

Part IV – Teaching experience (other than Academic Appointments)

Year	Institution	Lecture/Course
Since 2009	Fondazione Fatebenefratelli per la Ricerca e la Formazione Sanitaria e Sociale	Proponent and main teacher of the course “Biostatistica per la ricerca biomedica e la pratica clinica” (2009, 2010, 2011, 2012, 2014, 2016)
2018	VIFOR FRESENIUS MEDICAL CARE RENAL PHARMA	Course “Biostatistica Essenziale”
2019	PREX s.r.l.	Lectures on “Biostatistica ed epidemiologia” in the course “Neurolab. Percorsi di crescita professionale in neurologia”
2019	PREX s.r.l.	Lecture “Pubblicazioni scientifiche, come valutarle?” in the course “Strumenti clinici (e non) per l’ottimale gestione delle stomie”
2017	Network Europeo per la ricerca e formazione in Psichiatria Psicodinamica	Course “Corso Base di Metodologia della Ricerca Scientifica”
2016-2019	Scuola internazionale di Medicina Estetica	Lecture “Come impostare studi in medicina estetica alla luce delle linee-guida per gli studi diagnostici (STARD), prognostici (STROBE e BMJ SERIES) e per le sperimentazioni cliniche controllate (CONSORT)”
2017	Fondazione “Per il tuo Cuore”, Costituita da Associazione Nazionale Medici Cardiologi Ospedalieri (ANMCO)	Course “Fondamenti di Ricerca Clinica”
2012	Association for the Improvement of Mental Health Programmes (AIMHP)	Course “A practical course on research skills in mental health for young psychiatrists” (in English)

Part V - Society memberships, Awards and Honors

Year	Title
Since 2005	Member of “Società Italiana di Statistica Medica ed Epidemiologia Clinica-SISMEC”
2019	Member of “Consiglio Scientifico del X Congresso della Società Italiana di Statistica Medica ed Epidemiologia Clinica-SISMEC”
2013-2015	President of “Società Italiana di Statistica Medica ed Epidemiologia Clinica-SISMEC”
2013	President of “VII Congresso della Società Italiana di Statistica Medica ed Epidemiologia Clinica-SISMEC”
2011-2013	Elected President of “Società Italiana di Statistica Medica ed Epidemiologia Clinica-SISMEC”
2007-2011	Member of Executive Board of “Società Italiana di Statistica Medica ed Epidemiologia Clinica-SISMEC”
Since 2016	Member of “Società Italiana di Statistica (SIS)”

Since 2015	Member of “Società Italiana di Biometria”-International Biometrics Society
Since 2016	Member of “Comitato della Società Italiana di Statistica (SIS) per l’Accreditamento della professionalità statistica”

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

Year	Title	Program	Grant value
2019	NET-2018-12365454 Precision medicine to target frailty of endocrine-metabolic origin, PI of WP5 (PI of whole NET-Project: Prof. Andrea Isidori, Università di Roma “La Sapienza”)	Ministero della Salute BANDO RICERCA FINALIZZATA 2018	684.630,00 €
2019	Project number: SEP-210542902, Project acronym: SAVE Project title: Support and treatment of traumatized children After Violence, Person-in-charge for Participant 2 (Fondazione Fatebenefratelli)	EU Funds and Tenders Rights, Equality and Citizenship Programme, Call: REC-AG-2018	419.956,76 €
2017	Identificazione e intervento su bambini a rischio di disturbi del linguaggio e/o del neurosviluppo, figli di migranti, I	Istituto Nazionale per la promozione della salute delle popolazioni Migranti ed il contrasto delle malattie della Povertà. PROGRAMMA INMP 2015	370.000,00 €
2015	Child Language Automatic Scoring System-online, I	Regione Lazio. Bando FILAS 2015-2018	195.490,40 €
2014	RF-2010-2314903 Screening of children at-risk for language and communication disorders, PI	Ministero della Salute BANDO RICERCA FINALIZZATA 2018	176.200,00 €

Part VII – Research Activities

Keywords	Brief Description
Reference intervals	<p>Statistical Reviewer for: The Lancet Neurology; Public Health; International Journal of Epidemiology; Neural Plasticity; Journal of Neuroscience Methods; Epidemiology, Biostatistics and Public Health; Clinical Neurophysiology; Journal of Child Neurology; Neuroscience Letters; Neurobiology of ageing; JAGS-Journal of American Geriatric Society; European Journal of Neurology; Plos One; Computational Neuroscience; Journal of Neuroscience Methods; Comprehensive Psychiatry; Journal of Alzheimer's Disease; Social Psychiatry and Psychiatric Epidemiology; BioMed Research International</p>
Prognostic factors	
Statistical methods in neuroscience clinical neurology, developmental psychology	
Clinical trials	
Bibliometry	
Sample size	<p>Reviewer for European Research Council</p> <p>He designs and analyses data of various clinical trials (Pasqualetti P et al, Aging Clinical and Experimental Research, 2009; Finazzi-Agro E et al, The Journal of Urology, 2010; Tomassini V et al, Journal of the Neurological Sciences, 2004; Pozzilli C et al, Journal of Neurology, 2002; Rossini PM et al, Multiple Sclerosis, 2001; Plewnia C, Journal of Affective Disorders, 2014; Asimakopoulos AD et al, Journal of Sexual Medicine, 2011).</p> <p>Biostatistician of a multidisciplinary research group (neurologists, neurophysiologists, biostatisticians, physicists, engineers, biologists, psychologists, computer scientists) with the primary objective of assessing whether and how brain plasticity can be quantified through predictive indices of onset of major neurological diseases and through prognostic markers of their evolution, contributes to the experimental design and to the determination of the sample size, autonomously conducts the statistical analysis (also with advanced methods such as GEE and mixed model for the measurement of heritability) and takes care of the drafting of statistical methods and results of numerous studies published in journals of recognized prestige, including Rossi et al (Nature Neuroscience, 2001; J of Neuroscience, 2004), Oliveri et al (Brain, 2002), , Ferreri et al (Ann Neurology, 2003; Ann Neurology, 2006; Neuroimage, 2011; Hum Brain Map, 2016), Tombini et al (Brain Stimulation, 2012), De Gennaro et al (Ann Neurology, 2008), Altavista et al (Parkinsonism & Related Disorders, 2015), Feurra et al (J of Neuroscience, 2013), Zanetti et al (Journals of Gerontology, 1999), Frisoni et al (Neurology, 2013), Boccardi et al (Jama Neurology, 2016), Di Lazzaro et al (J Physiology, 2003).</p> <p>Biostatistician of a group of researchers interested in the relationship between cerebral vaso-motor reactivity and the onset of cerebro-vascular events, he validates some indices (such as the BHI: Breath Holding Index) and assesses their discriminatory and predictive validity (Vernieri et al, Stroke, 1999; Silvestrini et al, JAMA, 2000).</p> <p>Statistical expert in neuropsychological research, both on adults and elderly (Pasqualetti et al, JAGS 2002; Dal Forno et al, International Journal of Geriatric Psychiatry, 2006) and on children. In particular, he takes care of all the statistical aspects of the manual: Caselli MC, Bello A, Rinaldi P, Stefanini S, Pasqualetti P. "Il Primo Vocabolario del Bambino: Gestii, Parole e Frasi. Valori di riferimento fra 8 e 36 mesi delle Forme complete e delle Forme brevi del questionario MacArthur-Bates CDI (2014)". For the definition of the reference intervals of vocabulary development he uses the</p>

package GAMLSS (Generalized Additive Models for Location, Scale and Shape, developed by Rigby and Stasinopoulos) in R environment, after following the course held by Rigby and Stasinopoulos in Utrecht (Netherlands). Thanks to this line of activities, the CNR Institute of Science and Technology of Cognition awards him the title of Associate Researcher to the research group LACAM (Language and Communication Across Modalities Laboratory).

He collaborates with research groups in various fields of clinical research (cardiology, oncology, endocrinology, transfusion medicine, geriatrics, neonatology, gastroenterology, urology, obstetrics-gynecology, anesthesiology, ophthalmology). Among the most cited, the study which affirmed the role of the C-reactive protein in the prediction of restenosis in patients treated with angioplasty (Buffon et al, JACC, 1999) and that on vernal keratoconjunctivitis (Bonini et al, Ophthalmology, 2000).

As Head and Coordinator of SeSMIT (Service of Medical Statistics and Information Technology) of the network of Fatebenefratelli researchers also deals with bibliometrics and, thanks to the development of an application that integrates the information provided by PubMed with those of JCR, publishes the results of bibliometric analysis (Neri et al, Mutagenesis, 2015; Ugolini et al, Archives of Physical Medicine and Rehabilitation, 2013; Ugolini et al, Supportive Care In Cancer, 2012).

He collaborates to the compilation of the "national report" for Italy for the Joint Programming Initiative: More Years, Better Lives. The Potential and Challenges of Demographic Change. www.jpi-dataproject.eu/Home/Partners

Since 1999, he has been holding invited lectures or presenting scientific reports at 97 national and international congresses/courses. International lectures include: "How to design an ideal clinical trial for therapeutic use of Non-Invasive Brain Stimulation" (5th International Conference on Non-Invasive Brain Stimulation, 19-21 March 2013, Leipzig, Germany), "Statistical Parametric Mapping, functional connectivity, effective connectivity: overview of neuroimaging methods and their clinical applications" (IX Conference of the International Biometric Society-Italian Region, 27-29 June 2013, Bressanone) and "Prognostic validity of imaging functional in stroke. A statistical approach" (III Symposium on Neuroimaging of stroke and functional recovery Montalcino, June 16-18 2006)

Within the framework of "Giornate di Neuropsicologia dell'età evolutiva", held in Bressanone each year since 2006, he has participated in numerous editions giving lectures on statistical aspects of developmental psychology studies and in the 2010 edition organized the session " Valutazione dell'efficienza ed efficacia nel trattamento " involving colleagues of SISMEC and professors of MED/01 sector ("Come valutare l'affidabilità dei test diagnostici", Silvano Milani; "Individuazione, valutazione e interpretazione dei fattori di rischio", Anna Bossi; "Come misurare l'efficacia di un intervento", Stefania Galimberti; "Aspetti teorici della validazione di un questionario, con applicazioni al Communicative Development Inventory" Patrizio Pasqualetti)

Part VIII – Summary of Scientific Achievements

Product type	Number	Data Base	Start	End
Papers [international]	253	Web-Of-Science	1996	2019
Papers [national]				
Books [scientific]	2	ISBN	2015	2015
Books [teaching]				

Total Impact factor	905.5872
Total Citations	10390
Average Citations per Product	41.07
Hirsch (H) index	59
Normalized H index*	2.458

*H index divided by the academic seniority.

According to http://www.topitalianscientists.org/TIS_HTML/Top_Italian_Scientists_Clinical_Sciences.htm Pasqualetti is the 93th out of the 770 Top Italian Scientists in the field of Clinical Medicine.

Part IX– Selected Publications

List of the publications selected for the evaluation. For each publication report title, authors, reference data, journal IF (if applicable), citations, press/media release (if any). **Pasqualetti was the only biostatistician in each paper with the following exceptions: N. 5 (other biostatistician: Simonelli, I), N. 7 (other biostatistician: Simonelli, I), N. 10 (other biostatistician: Ferrari, C).**

N	TITLE	AUTHORS	SOURCE	YEAR	DOI	WOS	PMID	IF	TC
1	Onabotulinumtoxin-A in Chronic Migraine: Should Timing and Definition of Non-Responder Status Be Revised? Suggestions From a Real-Life Italian Multicenter Experience	Vernieri, F; Paolucci, M; Altamura, C; Pasqualetti, P ; Mastrangelo, V; Pierangeli, G; Cevoli, S; D'Amico, D; Grazi, L	Headache	2019	10.1111/head.13617	000483804700001	31454075	3.749	0
2	The Italian Words and Sentences MB-CDI: normative data and concordance between complete and short forms	Rinaldi, P; Pasqualetti, P ; Stefanini, S; Bello, A; Caselli, MC	Journal of Child Language	2019	10.1017/S030500091900011	WOS:000462766200007	30773152	1.815	0
3	Patient preferences for treatment in type 2 diabetes: the Italian discrete-choice experiment analysis	Marchesini, G; Pasqualetti, P ; Anichini, R; Caputo, S; Memoli, G; Ponzani, P; Resi, V; Rizzo, M; Serviddio, G; Zanette, G	Acta Diabetologica	2019	10.1007/s00592-018-1236-6	WOS:000459478700004	30306406	2.996	1
4	Sustainable method for Alzheimer dementia prediction in mild cognitive impairment: Electroencephalographic connectivity and graph theory combined with apolipoprotein E	Vecchio, F; Miraglia, F; Iberite, F; Lacidogna, G; Guglielmi, V; Marra, DC; Pasqualetti, P ; Tiziano, FD; Rossini, PM	Annals of Neurology	2018	10.1002/ana.25289	WOS:000444576400014	30014515	9.496	3
5	Platelet-derived growth factor predicts prolonged relapse-free period in multiple sclerosis	Bassi, MS; Iezzi, E; Marfia, GA; Simonelli, I; Musella, A; Mandolesi, G; Fresegna, D; Pasqualetti, P ; Furlan, R; Finardi, A; Mataluni, G; Landi, D; Gilio, L; Centonze, D; Buttari, F	Journal of Neuroinflammation	2018	10.1186/s12974-018-1150-4	WOS:000430441700002	29655371	5.7	3

N	TITLE	AUTHORS	SOURCE	YEAR	DOI	WOS	PMID	IF	TC
6	Effect of once-daily, modified-release hydrocortisone versus standard glucocorticoid therapy on metabolism and innate immunity in patients with adrenal insufficiency (DREAM): a single-blind, randomised controlled trial	Isidori, AM; Venneri, MA; Graziadio, C; Simeoli, C; Fiore, D; Hasenmajer, V; Sbardella, E; Gianfrilli, D; Pozza, C; Pasqualetti, P ; Morrone, S; Santoni, A; Naro, F; Colao, A; Pivonello, R; Lenzi, A	Lancet Diabetes & Endocrinology	2018	10.1016/S2213-8587(17)30398-4	WOS: 000425719400017	29229498	7.961	30
7	Gender effect on well-being of the oldest old: a survey of nonagenarians living in Tuscany: the Mugello study	Padua, L; Pasqualetti, P ; Coraci, D; Imbimbo, I; Giordani, A; Loreti, C; Marra, C; Molino-Lova, R; Pasquini, G; Simonelli, I; Vannetti, F; Macchi, C	Neurological Sciences	2018	10.1007/s10072-017-3223-z	WOS: 000427901100014	29313171	2.484	2
8	A New, High-Efficacy, Noninvasive Transcranial Electric Stimulation Tuned to Local Neurodynamics	Cottone, C; Cancelli, A; Pasqualetti, P ; Porcaro, C; Salustri, C; Tecchio, F	Journal of Neuroscience	2018	10.1523/JNEUROSCI.38129-16.2017	WOS: 000423812900009	29196322	6.704	1
9	Statistical data analyses for clinical neurophysiology	Stecker, M; Pasqualetti, P ; Barry, RJ; Daskalakis, ZJ; Siebner, HR; Ziemann, U	Clinical Neurophysiology	2017	10.1016/j.clinph.2017.07.396	WOS: 000415787900005	28826013	3.614	2

N	TITLE	AUTHORS	SOURCE	YEAR	DOI	WOS	PMID	IF	TC
10	Assessment of the Incremental Diagnostic Value of Florbetapir F 18 Imaging in Patients With Cognitive Impairment The Incremental Diagnostic Value of Amyloid PET With [F-18]-Florbetapir (INDIA-FBP) Study	Boccardi, M; Altomare, D; Ferrari, C; Festari, C; Guerra, UP; Paghera, B; Pizzocaro, C; Lussignoli, G; Geroldi, C; Zanetti, O; Cotelli, MS; Turla, M; Borroni, B; Rozzini, L; Mirabile, D; Defanti, C; Gennuso, M; Prella, A; Gentile, S; Morandi, A; Vollaro, S; Dalla Volta, G; Bianchetti, A; Conti, MZ; Cappuccio, M; Carbone, P; Bellandi, D; Abruzzi, L; Bettoni, L; Villani, D; Raimondi, MC; Lanari, A; Ciccone, A; Facchi, E; Di Fazio, I; Rozzini, R; Boffelli, S; Manzoni, L; Salvi, GP; Cavaliere, S; Belotti, G; Avanzi, S; Pasqualetti, P ; Muscio, C; Padovani, A; Frisoni, GB	Jama Neurology	2016	10.1001/jama.neurol.2016.3751	WOS: 000391122200012	27802513	10.029	34
11	Sensorimotor Cortex Excitability and Connectivity in Alzheimer's Disease: A TMS-EEG Co-Registration Study	Ferreri, F; Vecchio, F; Vollero, L; Guerra, A; Petrichella, S; Ponzo, D; Maatta, S; Mervaala, E; Kononen, M; Ursini, F; Pasqualetti, P ; Iannello, G; Rossini, PM; Di Lazzaro, V	Human Brain Mapping	2016	10.1002/hbm.23158	WOS: 000382486500006	26945686	4.53	24
12	Wearing-off detection in clinical practice: The wearing off real practice key (WORK-PD) study in Parkinson's disease	Altavista, MC; Cassetta, E; Brusa, L; Viselli, F; Denaro, A; Ventriglia, M; Pasqualetti, P ; Peppe, A	Parkinsonism & related disorders	2015	10.1016/j.parkreldis.2014.11.002	WOS: 000349594600002	25443558	3.794	4