Keuropass	Curriculum Vitae	Replace with Gabriella CERRI
PERSONAL INFORMATION	Gabriella CERRI	
	 ↓ +39 (02) 82245203 gabriella.cerri@unimi.it 	
	Skype Gabricerri73	
	Sex Female Date of birth 18/09/1973 Nationality Italian	
PERSONAL STATEMENT	Director of the Physiology of motor control's laboratory of the effort is devoted to understanding the mechanisms underlying voluntary movements (hand and phono-articulation), distinctiv through a multidisciplinary experimental approach. In the last implemented methods of investigation and analysis aimed at the context of neurosurgery interventions for the removal of tu guided by the Brain Mapping technique, with data obtained us techniques and with neurophysiology and neuropsychology d and assessments outside the hospital and / or on a healthy su The techniques used in the laboratory are primarily: TMS and advaced neuroimaging analysis, intraoperative electrophysiol evaluation and studies on lesions. The laboratory activities tak Research Hospital (in agreement with the University of Milan) Associate professor since 2017 I hold classes of human phys (International Medical School), Nurses, Obstetricians and to rehabilitation and Sport/exercise Medicine.	UNiversity of Milan, my research g cortical control of high-skill ve abilities of the human being, decade the laboratory has integrating the data obtained in umors of the nervous system sing advanced neuroimaging lata obtained with experiments ubject. d H-reflex, behavioral paradigms, logy, neuropsychological ke place primarily at Humanitas) and at the LITA in Segrate (MI). siology to medical school student esidents in Physical medicine & al school curriculum.
WORK EXPERIENCE		
2017 –present	Associate professor in Physiology (SSD BIO/09)	
2004 - 2018 2001–2002	Research Fellow in Prof. R.N. Lemon's laboratory. Sobell Departn Movement Disorders, Institute of Neurology, UCL, Queen Square,	nent for Motor Neuroscience and , LondonUK).
EDUCATION AND TRAINING		
1998	M.D. degree, 110/110 cum laude Università degli Studi di Milano, I MD Degree thesis (1998):" <i>Motoneuronal pre-compensation for th</i> <i>muscle.</i>	Italy ne low-pass filter characteristics of
1998	Italian Medical licence	
07-08 /1999	International Summer School. Theoretical course on integrative ph Practical course on motor learning and stretch reflexes in the lowe Bo Nielsen. Copenhagen	nysiology and sensory-motor control. r limb of man. Director Prof. Jens
2001	Laboratory Animal Menagment & Welfare Course, Oxford Univers	sity.
2001	HOME OFFICE PERSONAL LICENCE, UK (primates research).	
2002	PhD in Human Physiology PhD thesis (2002):"Coupled movements of ipsilateral hand and fo isodirectional principle."	ot: neural substrates for the



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PERSONAL SKILLS						
Mother tongue(s)	Italian					
Other language(s)	UNDERSTANDING		SPEAKING		WRITING	
	Listening	Reading	Spoken interaction	Spoken production		
English	C2	C2	C2	C2	C2	
Teaching activities	PRESENT: Human physiology courses for Medical school International curriculum Human physiology courses for Nurses curriculum Human physiology courses for Obstetricians curriculum Human physiology courses for residency program in Physical medicine & rehabilitation Human physiology courses for residency program in Sport/exercise medicine					
	 2011-2013 member of the educational board of the PhD program "Physiology" 2013-2017 member of the educational board of the PhD program "Integrated biomeidical research" 2011- present Lecturer of Master Degree: Riabilitazione Infantile e Metodologie della Ricerca (Pro Adriano Ferrari) Modena e Reggio Emilia University. 					
Academic activities	 2013 Organization manager for test IFOM administration at International Medical School 2013-2015 Coordinator of Erasmus Program activites of International Medical School 2015-2017 Coordinator of the <i>Comitato Ordinatore IMS</i> for responsible for planning, relocation and implementation of formal, clerckiships and integrative educational activities of the International Medical School 2017-present Head of the International medical school curriculum 2015-2018 Delegate of the Rector for relations with the students 2003-present: member of commissions for admission tests to the Degree courses in Medicine and 					
Job-related skills	 2003-present: member of commissions for admission tests to the Degree courses in Medicine and Surgery 2015-present Member of the Board of the Department of Medical Biotechnology and Translational Medicine 2015- present Member of the Board of the Faculty of Medicine and Surgery of University of Milan Human research: Recording of EMG, ENG and mechanical parameters in man; Electrical nerve stimulation, Transcranial Magnetic Stimulation; TMS conditioning of the H reflex. Analysis of neurophysiological data recorded during surgical precedures. Animal research: Monkeys: Recording of EMG, Intracortical Microstimulation (ICMS), training. Rat: epidural recording/stimulating electrodes at cortical and spinal level; sheep: epidural recording/stimulating electrodes at cortical 					
Driving licence	В					

ADDITIONAL INFORMATION



Scientific records and publications

Author of several papers (scopus, WOS). Most relevant:

- Baldissera F, Cavallari P, Cerri G. Motoneuronal pre-compensation for the low-pass filter characteristics of muscle. A quantitative appraisal in cat muscle units. J Physiol. (1998) 511:611-27.
- 2. **Cerri G**, Borroni P, Baldissera F. Cyclic h-reflex modulation in resting forearm related to contractions of foot movers, not to foot movement. J Neurophysiol. (2003) 90(1):81-8.
- Cerri G, Shimazu H, Maier MA, Lemon RN. Facilitation from ventral premotor cortex of primary motor cortex outputs to macaque hand muscles. J Neurophysiol. (2003) 90(2):832-42.
- Shimazu H, Maier MA, Cerri G, Kirkwood PA, Lemon RN. Macaque ventral premotor cortex exerts powerful facilitation of motor cortex outputs to upper limb motoneurons. J Neurosci. (2004) 24(5):1200-11.
- Prabhu G, Shimazu H, Cerri G, Brochier T, Spinks RL, Maier MA, Lemon RN Modulation of primary motor cortex outputs from ventral premotor cortex during visually-guided grasp in the macaque monkey. J Physiol. (2009) 587:1057-69
- M Cabinio, V Blasi, M Montagna, P Borroni, A ladanza, A Falini, G. Cerri. The shape of motor resonance: right- or left-handed? Neuroimage (2010) 51(1):313-23.
- P Borroni, A Gorini, G Riva, S Bouchard, G Cerri Mirroring avatars: dissociation of action and intention in human motor resonance. J Neurosci (2011) 34(4):662-9.
- G Cerri, M Montagna, L Madaschi, D Merli, P Borroni, F Baldissera, A Gorio. Erythropoietin effect on sensorimotor recovery after contusive spinal cord injury: an electrophysiological study in rats. Neuroscience (2012) 219:290-301.
- Cerri G, Cabinio M, Blasi V, Borroni P, Iadanza A, Fava E, Fornia L, Ferpozzi V, Riva M, Casarotti A, Martinelli Boneschi F, Falini A, Bello L. The mirror neuron system and the strange case of Broca's area. *Hum Brain Mapp*. (2015) 36(3):1010-27
- Fornia L, Ferpozzi V, Montagna M, Rossi M, Riva M, Pessina F, Martinelli Boneschi F, Borroni P, Lemon RN, Bello L, Cerri G. Functional Characterization of the Left Ventrolateral Premotor Cortex in Humans: A Direct Electrophysiological Approach. Cereb Cortex. (2018) 28:167-183.
- Rossi M, Fornia L, Puglisi G, Leonetti A, Zuccon G, Fava E, Milani D, Casarotti A, Riva M, Pessina F, Cerri G, Bello L. Assessment of the praxis circuit in glioma surgery to reduce the incidence of postoperative and long-term apraxia: a new intraoperative test. *J Neurosurg.* (2018) 23:1-11. IF
- Ferpozzi V, Fornia L, Montagna M, Siodambro C, Castellano A, Borroni P, Riva M, Rossi M, Pessina F, Bello L, Cerri G. Broca's Area as a Pre-articulatory Phonetic Encoder: Gating the Motor Program. Front Hum Neurosci (2018) 12:64.
- Viganò L, Fornia L, Rossi M, Howells H, Leonetti A, Puglisi G, Conti Nibali M, Bellacicca A, Grimaldi M, Bello L, Cerri G. Anatomo-functional characterisation of the human "handknob": A direct electrophysiological study. Cortex. 2019 113:239-254.