

ALESSANDRO ROSSI

CURRICULUM VITAE



INFORMAZIONI PERSONALI

Nome	ALESSANDRO ROSSI
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Nazionalità	italiana
Data di nascita	18/01/1953
Stato civile	CONIUGATO CON TRE FIGLI
Madrelingua	ITALIANO
Altra lingua	INGLESE

CARRIERA UNIVERSITARIA

1978	Laureato in Medicina e Chirurgia
1985	Specializzato in Neurologia
1995	Funzionario tecnico, ex-carriera direttiva per tecnici laureati
1988	Dottore di Ricerca in Neurobiologia Applicata
1992	Professore Associato nella disciplina di Fisiologia Umana
2000	Professore Ordinario nella disciplina di Neurologia

FORMAZIONE POST-LAUREA

1980	Felloship: Department of Neurophysiology, University of Massachussets. MA, USA
1983	Felloship: Dipartimento di Fisiologia, Università di Pisa, Italia
1984	Felloship: Institut National de la Santé et de la Recherche Medicale. Paris, France
1985/1990	Felloship : Service de Reeducation Neurologique, Université Pitié-Salpêtrière. Paris, France

COMPETENZE GESTIONALI E ORGANIZZATIVE

<i>2002-2009</i>	Direttore dell'Unità Operativa Complessa di Neurofisiologia Clinica
<i>dal 2010 ad oggi</i>	Direttore dell'Unità Operativa Complessa di Neurologia e Neurofisiologia Clinica
<i>Dal 2014 ad oggi</i>	Direttore dell'Unità Operativa Complessa di Neuroradiologia
<i>dal 2007 al 2010</i>	Direttore del Dipartimento ad Attività Integrata di NEUROSCIENZE
<i>Dal 2011 ad oggi</i>	Direttore del Dipartimento ad Attività Integrata di SCIENZE NEUROLOGICHE E NEUROSENSORIALI

ATTIVITÀ IN ORGANI COLLEGIALI

<i>PREGRESSE</i>	Membro di Giunta della Scuola di Dottorato in Scienze Neurologiche Applicate Commissione Biblioteca della Presidenza della Facoltà di Medicina e Chirurgia Membro di giunta della Scuola di Dottorato di Ricerca in Scienze Neurologiche Applicate dell'Università degli Studi di Siena. Presidente del Comitato per la Didattica del corso di Laurea in Fisioterapia della Facoltà di Medica e Chirurgia dell'Università degli Studi di Siena. Presidente del Comitato per la Didattica del corso di Laurea Magistrale in Fisioterapia dell'Università degli Studi di Siena. Commissione Salute della Conferenza delle Regioni e Provincie Autonome (rapporti SSN e Università)
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Referente unico per la procedura di Valutazione Attività Istituzionali (VAI) del corso di laurea in Fisioterapia dell'Università degli Studi di Siena.

Comitato Scientifico di Ateneo per la Ricerca (PAR) quale rappresentante dell'Area delle Scienze Biomediche e Mediche dell'Università degli Studi di Siena

Membro di International Human Frontier Science Program (UE, Strasbourg)

Componente della Commissione Ordinatrice Interuniversitaria del CNR di Pisa

ATTUALI

Membro di Giunta della Scuola di Specializzazione in Neurologia della Università degli Studi di Siena.

Membre du Jury du Doctorat de Neurosciences de l'Université de Provence, Marseille (France)

Membre du Jury du Doctorat de Neurosciences de l'Université de Paris VI, Pierre et Marie Curie, Paris (France)

Membro del Collegio della Scuola di Dottorato Toscano in Neuroscienze

Presidente Master in Fisioterapia applicata allo Sport

Responsabile Commissione ERASMUS progetti Italo-Francesi

Componente del Consiglio Sanitario Regionale Toscano

ATTIVITÀ DIDATTICA

Corso di Laurea Medicina e Chirurgia

Corso di Laurea Fisioterapia

Corso di Laurea Magistrale Fisioterapia

Corso di Laurea Scienze Infermieristiche

Corso di Laurea Magistrale Scienze Infermieristiche

Corso di Laurea Neurofisiopatologia

Corso di Laurea Tecnico Sanitario di Laboratorio Biomedico

Scuole di Specializzazione: Neurologia, Neurofisiopatologia, Medicina Interna

Reumatologia, Gastroenterologia, Radiodiagnostica, Audiologia e Foniatria

Scuola di Dottorato di Ricerca in Scienze Neurologiche Applicate

Doctorat de Neurosciences de l'Université Paris VI, Pierre et Marie Curie, France

Doctorat de Neurosciences de l'Université de Provence, Marseille, France

Scuola di Dottorato Toscano in Neuroscienze

Dipartimento di Filosofia, Sapienza, Università di Roma

**COLLABORAZIONI SCIENTIFICHE
INTERNAZIONALI**

University of Massachussets. MA, USA
Institut National de la Santé et de la Recherche Medicale. Paris, France.
Université Pitié-Salpêtrière. Paris, France
Queen Square Institute of Neurology. London, England.
University of Kingston, London England.
University of Antwerp. Antwerp Belgium.
Université de Marseille & CNRS Marseille, France
University of Adelaide, Faculty of Sciences, Australia
Lomonosov Moscow State University

**COLLABORATORE CON RIVISTE
SCIENTIFICHE INTERNAZIONALI**

Brain Research (Elsevier Science)
Experimental Brain Research (Springer)
Clinical Neurophysiology (*casa editrice*: Elsevier Science)
Neuroscience Letters, (*casa editrice*: Elsevier Science)
Brain (*casa editrice*: Elsevier Science)
Journal neurology Neurosurgery and Psychiatry (Elsevier Science)
Journal of Neuroscience Methods (Elsevier Science)
Journal of Physiology (Wiley Library)

PUBBLICAZIONI SCIENTIFICHE

(FULL PAPERS 2006-2016)

TOTAL NUMBER OF PUBLICATIONS
427. H-INDEX 43. AVERAGE
CITATION PER ITEM 13.24

TEMI DI RICERCA:

1) ELETTROFISIOLOGIA
DELLA
PROGRAMMAZIONE,
ESECUZIONE E
CONTROLLO DEL
MOVIMENTO

2) FISIOPATOLOGIA
NEUROMUSCOLARE

3) BASI NEURONALI E
CONNETTOMICA DELLE
FUNZIONI COGNITIVE

Role of brain hemispheric dominance in anticipatory postural control strategies.
Cioncoloni D, Rosignoli D, Feurra M, Rossi S, Bonifazi M, Rossi A, Mazzocchio R. *Exp Brain Res* 2016; Mar 7. [Epub ahead of print].

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Cioncoloni D, Casali S, Ginanneschi F, Carone M, Boni V, Rossi A, Giannin F. *Neurol Science* (in press).

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Intelligence-related differences in the asymmetry of spontaneous cerebral activity.

Santarneckchi E, Tatti E, Rossi S, Serino V, Rossi A.

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A mimic of first dorsal interosseus atrophy revealed by ultrasound study.

Ginanneschi F, Filippou G, Ulivelli M, Mignarri A, Rossi A.

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Fallerini C, Carignani G, Capocittti G, Federico A, Rufa A, Pinto AM, Rizzo CL, Rossi A, Mari F, Mencarelli MA, Giannini F, Renieri A.

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Galluzzi P, Hadjistilianou T, Cerase A, Toti P, Leonini S, Bracco S, de Francesco S, Galimberti D, Balducci D, Piu P, Monti L, Bellini M, Caini M, Rossi A.

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Ginanneschi F, Cioncoloni D, Bigliuzzi J, Bonifazi M, Lorè C, Rossi A.

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The smarter, the stronger: intelligence level correlates with brain resilience to systematic insults.

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Santarneccchi E, D'Arista S, Egiziano E, Gardi C, Petrosino R, Vatti G, Reda M, Rossi A.
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Progesterone - new therapy in mild carpal tunnel syndrome? Study design of a randomized clinical trial for local therapy.

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Influence of activity-induced axonal hypoexcitability on transmission of descending and segmental signals.

Rossi A, Biasella A, Scarselli C, Piu P, Ginanneschi F.
Brain Res 2010;1320:47-59.

Ultrasonographic and functional changes of the ulnar nerve at Guyon's canal after carpal tunnel release.

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Siena carotid artery stenting score: a risk modelling study for individual patients.

Setacci C, Chisci E, Setacci F, Iacoponi F, de Donato G, Rossi A.
Stroke 2010;41:1259-65.

Cortisol-induced effects on human cortical excitability.

Milani P, Piu P, Popa T, della Volpe R, Bonifazi M, Rossi A, Mazzocchio R.
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Evidence of improvement in distal conduction of ulnar nerve sensory fibers after carpal tunnel release.

Mondelli M, Ginanneschi F, Rossi A.
Neurosurgery 2009;65:696-700; discussion 701.

Ulnar nerve compression neuropathy at Guyon's canal caused by crutch walking: case report with ultrasonographic nerve imaging.

Ginanneschi F, Filippou G, Milani P, Biasella A, Rossi A.
Arch Phys Med Rehabil 2009;90:522-24.

Multiple arm lipomatosis and posterior interosseus nerve palsy.

Dominici F, Ginanneschi F, Spidalieri R, Rossi A.
Electromyogr Clin Neurophysiol 2008;48:373-76.

Short-term electrophysiological conduction change in median nerve fibres after carpal tunnel release. Ginanneschi F, Milani P, Reale F, Rossi A.

Clin Neurol Neurosurg 2008;110:1025-30.

Anomalies of ulnar nerve conduction in different carpal tunnel syndrome stages.

Ginanneschi F, Milani P, Rossi A.
Muscle Nerve 2008;38:1155-60.

Arachnoid cyst and arachnoiditis following idiopathic spinal subarachnoid haemorrhage.

Ginanneschi F, Palma L, Rossi A.
Br J Neurosurg 2008;22:578-79.

Ulnar sensory nerve impairment at the wrist in carpal tunnel syndrome.

Ginanneschi F, Milani P, Mondelli M, Dominici F, Biasella A, Rossi A.
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Anticipatory control of impending postural perturbation in elite springboard divers.

Popa T, Bonifazi M, della Volpe R, Rossi A, Mazzocchio R.
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Effects of posture-related changes in motor cortical output on central oscillatory activity of pathological origin in humans.

Mazzocchio R, Gelli F, Del Santo F, Popa T, Rossi A.
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Dynamic changes in cortical and spinal activities with different representations of isometric motor actions and efforts.

Mazzocchio R, Gelli F, Del Santo F, Popa T, Rossi A.
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Relation between isometric muscle force and surface EMG in intrinsic hand muscles as function of the arm geometry.

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Factors influencing the relation between corticospinal output and muscle force during voluntary contractions.

Gelli F, Del Santo F, Popa T, Mazzocchio R, Rossi A.
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Popa T, Bonifazi M, Della Volpe R, Rossi A, Mazzocchio R.
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Del Santo F, Gelli F, Schmied A, Vedel JP, Rossi A, Mazzocchio R.
J Neurosci Methods 2006;155:116-21.

Recurrence quantification analysis of surface EMG detects changes in motor unit synchronization induced by recurrent inhibition.
Del Santo F, Gelli F, Mazzocchio R, Rossi A.
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Del Santo F, Gelli F, Spidalieri R, Rossi A.
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Ventral and dorsal root injury after oxygen-ozone therapy for lumbar disk herniation.
Ginanneschi F, Cervelli C, Milani P, Rossi A.
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Changes in motor axon recruitment in the median nerve in mild carpal tunnel syndrome.
Ginanneschi F, Mondelli M, Dominici F, Rossi A.
Clin Neurophysiol 2006;117:2467-72.

Lateral cutaneous nerve of calf neuropathy due to peri-popliteal cystic bursitis.
Ginanneschi F, Rossi A.
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Encephaloradiculomyelitis associated to HHV-7 and CMV co-infection in immunocompetent host.
Ginanneschi F, Donati D, Moschettini D, Dominici F, Cermelli C, Rossi A.
Clin Neurol Neurosurg 2007;109:272-76.

Changes in corticomotor excitability of forearm muscles in relation to static shoulder positions.
Ginanneschi F, Dominici F, Biasella A, Gelli F, Rossi A.
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HANDBOOKS AND REVIEWS
CONTENENTI RISULTATI SCIENTIFICI
DEL PROF. A. ROSSI.

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GUIDA ALLA NEUROLOGIA CLINICA. F.Angeleri, E.Ferrari, A.Muratorio (Eds), Jbl, , Bologna 1986.

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