

**FORMATO EUROPEO
PER IL CURRICULUM
VITAE**



INFORMAZIONI PERSONALI

Nome

PARATI EUGENIO AGOSTINO

Telefono

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Nazionalità

Data di nascita

ESPERIENZA LAVORATIVA

- Date Presente
 - Tipo di azienda o settore Fondazione IRCCS Istituto Neurologico "C. Besta"
 - Tipo di impiego Dirigente Medico di II Livello
 - Principali mansioni e responsabilità *Direttore Dipartimento Neuroscienze Cliniche*
Direttore Dipartimento Tecnico-Scientifico e Unità Operativa: Malattie Cerebrovascolari
Direttore Unità Operativa Malattie Cerebrovascolari (Neurologia IX)
Direttore "ad interim" Unità Operativa Disturbi del Movimento (Neurologia I)
Direttore Sanitario FF
Membro Commissione Scientifica Fondazione regionale per la Ricerca Biomedica (Regione Lombardia)
Direttore Medico Unità Produttiva per Terapie Cellulari
Direttore Human Neural Stem Cell Bank

- Date 1997-presente
 - Tipo di azienda o settore Facoltà di Medicina e Chirurgia dell'Università degli Studi di Milano
 - Tipo di impiego Professore a contratto
 - Principali mansioni e responsabilità *Docente di Neurologia per la scuola di specializzazione in Farmacologia e da 2003 docente di Neurologia del corso di laurea in Tecniche di Fisiopatologia Cardiocircolatoria e Perfusione Cardiovascolare*

- Date 2007-2008
 - Tipo di azienda o settore Fondazione IRCCS Istituto Neurologico "C. Besta"
 - Tipo di impiego Dirigente Medico di I Livello
 - Principali mansioni e responsabilità *Responsabile Struttura Semplice Dipartimentale Unità Clinico Sperimentale Malattie Cerebrovascolari; Principle Investigator: progetto europeo "Neuroweb" (1.883.500 euro, quattro istituti specializzati europei coinvolti: oltre al Besta, l'Erasmus Universitair Medisch Centrum di Rotterdam (Olanda), l'Orszagos Pszichiatriai es Neurologiai Intezet (Ungheria) e l'universita' di Patrasso (Grecia))*

- Date 2001-2007
 - Tipo di azienda o settore Fondazione IRCCS Istituto Neurologico "C. Besta"
 - Tipo di impiego Dirigente Medico di I Livello
 - Principali mansioni e responsabilità *Responsabile Struttura Semplice Dipartimentale Neurobiologia e Terapie Neuroriparative*

- Date 2003
- Tipo di azienda o settore Centre Hospitalier Universitaire Vaudois, Lausanne, Svizzera, diretto da Julien Bogouslavsky
- Tipo di impiego *Senior Scientist*

- Date 1996-2002
- Tipo di azienda o settore Fondazione IRCCS Istituto Neurologico "C. Besta"
- Tipo di impiego Dirigente Medico di I Livello
- Principali mansioni e responsabilità *Responsabile del modulo di Neurofarmacologia*

- Date 2002
- Tipo di azienda o settore l'Istituto Superiore di Sanità
- Tipo di impiego *Membro della Commissione Nazionale sulle Cellule Staminali*

- Date Dal 1997
- Tipo di azienda o settore Fondazione IRCCS Istituto Neurologico "C. Besta"
- Tipo di impiego *Responsabile della Human Neural Stem Cell Bank*

- Date 1993-1996
- Tipo di azienda o settore Istituto Nazionale Neurologico "C. Besta", Milano
- Tipo di impiego *Aiuto Co-Responsabile di Neurologia*

- Date 1981-1993
- Tipo di azienda o settore Istituto Nazionale Neurologico "C. Besta", Milano
- Tipo di impiego *Assistente Medico di Neurologia*

- Date 1980-1981
- Tipo di azienda o settore National Institute of Health, Bethesda, Maryland (U.S.A.) Dipartimento di Experimental Therapeutics, National Institute of Neurological and Communicative Disorders and Stroke diretto dal Dr. T.A. Chase
- Tipo di impiego *Visiting fellow*

- Date 1978-1979
- Tipo di azienda o settore Istituto Nazionale Neurologico "C. Besta"
- Tipo di impiego *Borsista di ricerca*

ISTRUZIONE E FORMAZIONE

- Date 1989
- Nome e tipo di istituto di istruzione o formazione Idoneità Nazionale a Primario di Neurologia

- Date 1982
- Nome e tipo di istituto di istruzione o formazione Università degli Studi di Milano
- Qualifica conseguita Diploma di Specialità in Neurologia

- Date 1978
- Nome e tipo di istituto di istruzione o formazione Università degli Studi di Milano
- Qualifica conseguita Laurea in Medicina e Chirurgia

COMPETENZE LINGUISTICHE

MADRELINGUA ITALIANO

ALTRE LINGUE

	INGLESE
• Capacità di lettura	eccellente
• Capacità di scrittura	eccellente
• Capacità di espressione orale	buona

PUBBLICAZIONI

1. Genetic Overlap Between Diagnostic Subtypes of Ischemic Stroke.
Holliday EG, Traylor M, Malik R, Bevan S, Falcone G, Hopewell JC, Cheng YC, Cotlarciuc I, Bis JC, Boerwinkle E, Boncoraglio GB, Clarke R, Cole JW, Fornage M, Furie KL, Ikram MA, Jannes J, Kittner SJ, Lincz LF, Maguire JM, Meschia JF, Mosley TH, Nalls MA, Oldmeadow C, **Parati EA**, Psaty BM, Rothwell PM, Seshadri S, Scott RJ, Sharma P, Sudlow C, Wiggins KL, Worrall BB, Rosand J, Mitchell BD, Dichgans M, Markus HS, Levi C, Attia J, Wray NR; on behalf of the Australian Stroke Genetics Collaborative, the Wellcome Trust Case Control Consortium 2, and the International Stroke Genetics Consortium.
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2. Prodromal Alzheimer's Disease Presenting as Cerebral Amyloid Angiopathy-Related Inflammation with Spontaneous Amyloid-Related Imaging Abnormalities and High Cerebrospinal Fluid Anti-A β Autoantibodies.
Boncoraglio GB, Piazza F, Savoirdo M, Farina L, DiFrancesco JC, Prioni S, Tagliavini F, Parati EA, Giaccone G.
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3. Autocrine/paracrine sphingosine-1-phosphate fuels proliferative and stemness qualities of glioblastoma stem cells.
Marfia G, Campanella R, Navone SE, Di Vito C, Riccitelli E, Hadi LA, Bornati A, de Rezende G, Giussani P, Tringali C, Viani P, Rampini P, Alessandri G, **Parati E**, Riboni L.
Glia. 2014 Dec;62(12):1968-81. doi: 10.1002/glia.22718. Epub 2014 Jul 5.
4. Assessment of patients with disorder of consciousness: do different Coma Recovery Scale scoring correlate with different settings?
Sattin D, Giovannetti AM, Ciaraffa F, Covelli V, Bersano A, Nigri A, Ferraro S, Minati L, Rossi D, Duran D, **Parati E**, Leonardi M.
J Neurol. 2014 Dec;261(12):2378-86. doi: 10.1007/s00415-014-7478-5. Epub 2014 Sep 11.
5. Human CD14+ cells loaded with Paclitaxel inhibit in vitro cell proliferation of glioblastoma.
Bonomi A, Lisini D, Navone SE, Frigerio S, Dossena M, Ciusani E, Rampini P, Marfia G, Coccè V, Cavicchini L, Sisto F, **Parati E**, Mantegazza R, Rimoldi M, Rizzetto M, Alessandri G, Pessina A.
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6. Paclitaxel is incorporated by mesenchymal stromal cells and released in exosomes that inhibit in vitro tumor growth: a new approach for drug delivery.
Pascucci L, Coccè V, Bonomi A, Ami D, Ceccarelli P, Ciusani E, Viganò L, Locatelli A, Sisto F, Doglia SM, **Parati E**, Bernardo ME, Muraca M, Alessandri G, Bondiolotti G, Pessina A.
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7. Potential use of human adipose mesenchymal stromal cells for intervertebral disc regeneration: a preliminary study on biglycan-deficient murine model of chronic disc degeneration.
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8. Tako-tsubo syndrome as a consequence and cause of stroke.
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9. Significance of multiple neurophysiological measures in patients with chronic disorders of consciousness.
Rossi Sebastiano D, Panzica F, Visani E, Rotondi F, Scaioli V, Leonardi M, Sattin D, D'Incerti L, **Parati E**, Ferini Strambi L, Franceschetti S.
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Mariotti M, Colognato R, Rimoldi M, Rizzetto M, Sisto F, Cocce V, Bonomi A, **Parati E**, Alessandri G, Bagnati R, Pessina A. *Anticancer Agents Med Chem.* 2014 Jun 18. [Epub ahead of print]
11. Cerebrovascular reactivity by quantitative magnetic resonance angiography with a CO₂ challenge. Validation as a new imaging biomarker.
Caputi L, Ghielmetti F, Faragò G, Longaretti F, Lamperti M, Anzola GP, Carriero MR, Charbel FT, Bruzzone MG, **Parati E**, Ciceri E. *Eur J Radiol.* 2014 Jun;83(6):1005-10. doi: 10.1016/j.ejrad.2014.03.001. Epub 2014 Mar 22.
12. Immortalization of human adipose-derived stromal cells: production of cell lines with high growth rate, mesenchymal marker expression and capability to secrete high levels of angiogenic factors.
Balducci L, Blasi A, Saldarelli M, Soleti A, Pessina A, Bonomi A, Coccè V, Dossena M, Tosetti V, Ceserani V, Navone SE, Falchetti ML, **Parati EA**, Alessandri G. *Stem Cell Res Ther.* 2014 May 6;5(3):63. doi: 10.1186/s12945-014-0452-4.
13. Tako-tsubo syndrome as a consequence and cause of stroke.
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14. Clinical factors associated with statins prescription in acute ischemic stroke patients: findings from the Lombardia Stroke Registry.
Canavero I, Cavallini A, Perrone P, Magoni M, Sacchi L, Quaglini S, Lanzola G, Micieli G; Lombardia Stroke Registry (LSR) investigators. *BMC Neurol.* 2014 Mar 21;14:53. doi: 10.1186/1471-2377-14-53.
15. Validation of FDG uptake in the arterial wall as an imaging biomarker of atherosclerotic plaques with 18F-fluorodeoxyglucose positron emission tomography-computed tomography (FDG-PET/CT).
Bucci M, Aparici CM, Hawkins R, Bacharach S, Schrek C, Cheng S, Tong E, Arora S, **Parati E**, Wintermark M. *J Neuroimaging.* 2014 Mar-Apr;24(2):117-23. doi: 10.1111/j.1552-6569.2012.00740.x. Epub 2012 Aug 28.
16. Human mesenchymal stromal cells can uptake and release ciprofloxacin, acquiring in vitro anti-bacterial activity.
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17. Experimental models of brain ischemia: a review of techniques, magnetic resonance imaging, and investigational cell-based therapies.
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18. Decellularized silk fibroin scaffold primed with adipose mesenchymal stromal cells improves wound healing in diabetic mice.
Navone SE, Pascucci L, Dossena M, Ferri A, Invernici G, Acerbi F, Cristini S, Bedini G, Tosetti V, Ceserani V, Bonomi A, Pessina A, Freddi G, Alessandrino A, Ceccarelli P, Campanella R, Marfia G, Alessandri G, **Parati EA**. *Stem Cell Res Ther.* 2014 Jan 14;5(1):7. doi: 10.1186/s12945-014-0396-4.
19. Altered resting state effective connectivity in long-standing vegetative state patients: an EEG study.
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20. Shared genetic susceptibility to ischemic stroke and coronary artery disease: a genome-wide analysis of common variants.
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21. Human adipose-derived mesenchymal stem cells as a new model of spinal and bulbar muscular atrophy.
Dossena M, Bedini G, Rusmini P, Giorgetti E, Canazza A, Tosetti V, Salsano E, Sagnelli A, Mariotti C, Gellera C, Navone SE, Marfia G, Alessandri G, Corsi F, **Parati EA**, Pareyson D, Poletti A. *PLoS One.* 2014 Nov 13;9(11):e112746. doi: 10.1371/journal.pone.0112746. eCollection 2014.
22. Residual shunt after patent foramen ovale closure: preliminary results from Italian patent foramen ovale survey.
Caputi L, Butera G, Anzola GP, Carminati M, Carriero MR, Chessa M, Onorato E, Rigatelli G, Sangiorgi G, Santoro G, Spadoni I, Ussia GP, Vigna C, Zanchetta M, **Parati E**; Italian Patent Foramen Ovale Survey investigators. *J Stroke Cerebrovasc Dis.* 2013 Oct;22(7):e219-26. doi: 10.1016/j.jstrokecerebrovasdis.2012.12.002. Epub 2013 Jan 22.

23.
Isolation and expansion of human and mouse brain microvascular endothelial cells.
Navone SE, Marfia G, Invernici G, Cristini S, Nava S, Balbi S, Sangiorgi S, Ciusani E, Bosutti A, Alessandri G, Slevin M, **Parati EA**.
Nat Protoc. 2013 Sep;8(9):1680-93. doi: 10.1038/nprot.2013.107. Epub 2013 Aug 8.
24.
Visual neglect as a disconnection syndrome? A confirmatory case report.
Ciaraffa F, Castelli G, **Parati EA**, Bartolomeo P, Bizzi A.
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25.
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27.
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Navone SE, Marfia G, Nava S, Invernici G, Cristini S, Balbi S, Sangiorgi S, Ciusani E, Bosutti A, Alessandri G, Slevin M, **Parati EA**.
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28.
Genetics of cerebral hemorrhage and microbleeds.
Lanfranconi S, Franco G, Borellini L, Denaro F, Basilico P, **Parati E**, Micieli G, Bersano A.
Panminerva Med. 2013 Mar;55(1):11-28.
29.
Human skin-derived fibroblasts acquire in vitro anti-tumor potential after priming with Paclitaxel.
Pessina A, Coccè V, Bonomi A, Cavicchini L, Sisto F, Ferrari M, Ciusani E, Navone S, Marfia G, **Parati E**, Alessandri G.
Anticancer Agents Med Chem. 2013 Mar;13(3):523-30.
30.
Ischemic stroke is associated with the ABO locus: the EuroCLOT study.
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Ann Neurol. 2013 Jan;73(1):16-31.
31.
Residual Shunt after Patent Foramen Ovale Closure: Preliminary Results from Italian Patent Foramen Ovale Survey.
Caputi L, Butera G, Anzola GP, Carminati M, Carriero MR, Chessa M, Onorato E, Rigatelli G, Sangiorgi G, Santoro G, Spadoni I, Ussia GP, Vigna C, Zanchetta M, **Parati E**; Italian Patent Foramen Ovale Survey investigators.
J Stroke Cerebrovasc Dis. 2013 Jan 22. doi:pil: S1052-3057(12)00407-7. 10.1016/j.jstrokecerebrovasdis.2012.12.002.
32.
Mesenchymal stromal cells primed with Paclitaxel attract and kill leukaemia cells, inhibit angiogenesis and improve survival of leukaemia-bearing mice.
Pessina A, Coccè V, Pascucci L, Bonomi A, Cavicchini L, Sisto F, Ferrari M, Ciusani E, Crovace A, Falchetti ML, Zicari S, Caruso A, Navone S, Marfia G, Benetti A, Ceccarelli P, **Parati E**, Alessandri G.
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Adipose tissue-derived stromal cells primed in vitro with paclitaxel acquire anti-tumor activity.
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35.

An optimized method for manufacturing a clinical scale dendritic cell-based vaccine for the treatment of glioblastoma.

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36.

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37.

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38.

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39.

Human skin-derived fibroblasts acquire in vitro anti-tumor potential after priming with Paclitaxel.

Pessina A, Coccè V, Bonomi A, Cavicchini L, Sisto F, Ferrari M, Ciusani E, Navone S, Marfia G, **Parati E**, Alessandri G.

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40.

Validation of FDG Uptake in the Arterial Wall as an Imaging Biomarker of Atherosclerotic Plaques with (18) F-Fluorodeoxyglucose Positron Emission Tomography-Computed Tomography (FDG-PET/CT).

Bucci M, Aparici CM, Hawkins R, Bacharach S, Schrek C, Cheng S, Tong E, Arora S, **Parati E**, Wintermark M.

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41.

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42.

Visual neglect as a disconnection syndrome? A confirmatory case report.

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43.

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44.

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