

# Europass Curriculum Vitae



## Personal information

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Nationality **Italian**

## Education Background

2014: **Research and Publication** Training, Istanbul, Turkey  
2013: **Master** Pharmaceutical Policy, pricing and reimbursement. The London School of Economics and Political Science. London, UK  
2005: **GPC and Clinical Trial** Methodology on Stroke, Leuven, Belgium  
2002: **Specialization in Neurology** (5years) – University of Modena and Reggio Emilia, IT  
1995: **Degree in Medicine and Surgery** (M.D.) – University of Messina, IT  
1995: **MD Board** of Licensure in Medicine, Reggio Calabria, IT

## Work experience

Dates	Jun 2017 - <i>present</i>
Occupation or position held	<b>Head Neurosonology Department, Head of Rare diseases center</b>
Main activities and responsibilities	Stroke Specialist, Dopplerist, Emergency neurologist, manager and coordinator of the Neurosonology and Rare Diseases centers
Name and address of employer	Stroke Unit UTN DEA - Ospedale Spaziani Frosinone, IT
Dates	Oct 2021 - <i>Present</i>
Occupation or position held	<b>Professor of Anatomy</b>
Name and address of employer	University UniCamillus, Rome
Dates	Apr - Oct 2021
Occupation or position held	<b>Head of Neurology Unit <i>ad Interim</i></b>
Name and address of employer	Neurology Unit - Ospedale Spaziani Frosinone, IT
Dates	2011- 2017
Occupation or position held	<b>Neurologist</b>
Main activities and responsibilities	Stroke specialist, Emergency neurology
Name and address of employer	Stroke Unit, Ospedale Sant'Andrea – La Spezia, IT

Dates 2008-2013  
Occupation or position held **Neurologist**  
Main activities and responsibilities Stroke specialist, Emergency neurology  
Name and address of employer Stroke Unit, Arcispedale Santa Maria Nuova- Reggio Emilia. IT

Dates 2003-2006  
Occupation or position held **Consultant Neurologist**  
Name and address of employer Stroke Unit, Arcispedale Santa Maria Nuova- Reggio Emilia. IT

Dates 2001-2004  
Occupation or position held **Doctor on duty**  
Name and address of employer "Villa Salus" Hospital- Reggio Emilia. IT

Dates 1999-2001  
Occupation or position held **Doctor on duty**  
Name and address of employer "Villa Igea" Clinic for mental health disease, Modena, IT

Dates 1996-1997  
Occupation or position held **Doctor on Duty**  
Name and address of employer USL Fano, IT

## Education and training Abroad

Dates 2014-2015  
Occupation or position held **Research Fellowship - Stroke**  
Name and address of employer Dept. of Neurological Science, West Ontario University, London, Canada

Dates 2009  
Occupation or position held **Fellowship - Critical Care**  
Name and address of employer Neuro-Intensive Unit, Columbia University, New York, USA

Dates 2009  
Occupation or position held **Fellowship - Neuro-Intervention**  
Name and address of employer Columbia University, New York, USA

Dates 2009  
Occupation or position held **Fellowship - Stroke**  
Name and address of employer Columbia University, New York, USA

**Relevant clinical data** 2003 -2021: 638 thrombolysis from the experience in IRCCS Reggio Emilia, La Spezia Hospital and Frosinone Hospital

2003-2018: 12400 TSA and transcranial doppler

2004-2020: 366 skin&muscle biopsy - 667 rare diseases' patients referred

## Personal skills and competences

Mother tongue(s) Italian

Other language(s)

Self-assessment

European level (\*)

English

French

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
B2	C2	B2	B2	B2
B1	B1	B1	B1	B1

(\*) Common European Framework of Reference for Languages

## Technical skills and competences

Dates 2006-Present

Main activities and responsibilities Rare Diseases, thrombolysis register, Neurosonology

Dates 2010-Present

Main activities and responsibilities Collaboration with Center of Rostock Cerebrovascular Rare Diseases of Berlin

Dates 2011-Present

Main activities and responsibilities Deputy President of Scientific Committee of A.L.I.Ce Italy

Dates 2005-2013

Main activities and responsibilities Director of Rare Diseases Center in Reggio Emilia's Hospital first and La Spezia's Hospital later. More than 600 patients of which 7 with Fabry Disease, 12 with connective diseases Ehlers Danlos, Marfan of fibre dysplasia, 8 CADASIL and more other diseases.

Main activities and responsibilities Italian Delegate of World Stroke Organization (WSO)

Dates 2003-2019

Main activities and responsibilities Professor of Neurosonology, Ecocolor Doppler, TSA-TC

Dates 2011

Main activities and responsibilities Honourable Mention Prize for diagnosis and treatment of Stroke, Brasilia, World Stroke Congress, October 2012

Dates 2012

Main activities and responsibilities Member of SAFE (Stroke Alliance for Europe), European Union

Dates 2013

Main activities and responsibilities Director of SAFE Research and Innovation, Scientific Committee

Dates	2012-present
Main activities and responsibilities	Collaboration with several Magazines about knowledge and prevention of cardiac and cerebrovascular diseases (Il Sole 24Ore, repubblica, Il Resto del Carlino, Il Corriere della Sera, Viver Sani e Belli, Donna Io, Vero)
Dates	2005-2015
Main activities and responsibilities	President of A.L.I.Ce (Associazione Lotta all'Ictus Cerebrale) in Reggio Emilia and Emilia Romagna
Dates	2003-2008
Main activities and responsibilities	33 thrombolysis ECASS III (rTPA 4.5h)
Dates	2006-2007
Main activities and responsibilities	Consultant Stroke Neurologist in South Africa
Dates	2000-2002
Main activities and responsibilities	Professor of Neurology, University of Modena and Reggio Emilia

## Publications

- A Avan, V Hachinski on behalf of the Brain Health Learn and Act Group. Brain health: key to health, productivity, and wellbeing. *Alzheimer's & Dementia: The Journal of the Alzheimer's Association*. Ago 21
- A Nucera, Hachinski V. Cerebrovascular and Alzheimer disease: fellow travelers or partners in crime? *J Neurochem*. 2018 Mar;144(5):513-516
- Arba F, Nucera A et al. Small vessel disease and biomarkers of endothelial dysfunction after ischaemic stroke. *Eur Stroke J*. 2019 Jun;4(2):119-126
- [Azarpazhooh MR, Nucera A et al.](#) Age, sex, and setting in the etiology of stroke study (ASSESS): Study design and protocol. *J Neurol Sci*. 2019 Apr 15;399:209-213
- A. Nucera, L. Cipriano, V. Hachinski, Neurovascular Units: A new cost effective model? *Can J Neurol Sci.*, 2015 Sep; 42(5): 281-2
- A. Nucera R. Alsubaie, M. Reza Azarpazhooh, L. Cipriano, P. Riccio, V Hachinski. Threatening stroke and cardioembolism: between the known and the unsuspected. *Journal of Neurological Science*
- Nucera. L.Cardinali, R, Alsubaie, Reza A Zarpazhouh, P Grabble, T.C Chiang, V Hachinski. The Disinhibition of the primary motor cortex as a reason for the upgoing thumb sign, A repetitive transcranial magnetic stimulation study in normal healthy participants.
- Journal of Neurology
- A.Nucera, Reza Azarpazhoh Thrombolytic thrombolysis in small community hospitals: Comparable results? Paper submitted *Jama J*
- A. Nucera. Chaper Tia minor stroke and dementia , book :Treatable and preventable dementia.eontially
- A. Nucera, *Thrombolytic thrombolysis in small community hospitals: Comparable results? Paper submitted*
- L. A. Sposato, E. Ruíz Vargas, P.M. Riccio, J.B. Toledo, J.Q. Trojanowski, W.A. Kukull, L.E. Cipriano, A. Nucera, S.N. Whitehead, V. Hachinski, *Atrial Fibrillation in Patients with a Primary Neuropathological Diagnosis of Alzheimer's Disease*.Running head: *AF in Primary AD*
- A. Nucera D. Inzitari, P. Nencini, D. Toni, *Ictus nella malattia di Anderson-Fabry: approccio diagnostico nelle Stroke Unit italiane*
- Inflammatory and metalloproteinases profiles predict 3-month poor outcomes in ischemic stroke treated with thrombolysis*
- Anna Maria Gori, Betti Giusti, Benedetta Piccardi, Patrizia Nencini, Vanessa Palumbo, Mascia Nesi, Antonia Nucera, Giovanni Pracucci, Paolina Tonelli, Eleonora Innocenti, Alice Sereni, Elena Sticchi, Danilo Toni, Paolo Bovi, Mario Guidotti, Maria Rosaria Tola, Domenico Consoli, Giuseppe Micieli, Rossana Tassi, Giovanni Orlandi, Maria Sessa, Francesco Perini, Maria Luisa DeLodovici, Maria Luisa Zedde, Francesca Massaro, Rosanna Abbate, and Domenico Inzitari, *Genetic Screening of Anderson-Fabry Disease in Proband's Referred from Multi-specialty Clinic*
- Valentina Favalli, Eliana Disabella, Mariadelfina Molinaro, Marilena Tagliani, Anna Scarabotto, Alessandra Serio, Maurizia Grasso, Antonia Nucera, Nupoor Narula, Carmela Giorgianni, Clelia Caspani, Monica Concardi, Manuela Agozzino, Calogero Giordano,

- Alexandra Smirnova, Takahide Kodama, Lorenzo Giuliani, Elena Antoniazzi, Riccardo Borroni, Camilla Vassallo, Filippo Mangione, Laura Scelsi, Stefano Ghio, Carlo Pellegrini, Maria Luisa Zedde, Laura Fancellu, Gian Pietro Sechi, Antonello Ganau, Stefania Piga, Annarita Colucci, Daniela Concolino, Maria Teresa Di Mascio, Danilo Toni, Marina Diomedei, Claudio Rapezzi, Elena Biagini, Massimiliano Marini, Massimo Del Sette, Maurizia Rasura, Maurizio Melis, Donata Guidetti, Michelangelo Mancuso, Umberto Scoditti, Pamela Cassini, Jagat Narula, Luigi Tavazzi, Eloisa Arbustini,
- *Unbalanced Metalloproteinase-9 and Tissue inhibitors of Metalloproteinases Ratio Predicts Hemorrhagic Transformation of Lesion in Ischemic Stroke Patients Treated with Thrombolysis: Results from the MAGIC Study*, *Front Neurol*, 2015 May 27; 6:121
  - B. Piccardi, V. Palumbo, M. Nesi, P. Nencini, A.M. Gori, B. Giusti, G. Pracucci, P. Tonelli, E. Innocenti, A. Sereni, E. Sticchi, D. Toni, P. Bovi, M. Guidotti, M.R. Tola, D. Consoli, G. Micieli, R. Tassi, G. Orlandi, F. Perini, N. Marcello, A. Nucera, et al., *Study*, *Front Neurol*, 2015 May 27; 6:121
  - A. Nucera, L. Cipriano, V. Hachinski, *Neurovascular Units: A new cost effective model? Can J Neurol Sci.*, 2015 Sep; 42(5): 281-2
  - *MMP9 Variation after Thrombolysis is Associated with Hemorrhagic Transformation of Lesion and with Poor Stroke Outcome*. *Stroke*, 2013; 44: 2901-3
  - D. Inzitari, B. Giusti, P. Nencini, AM Gori, M. Nesi, V. Palumbo, B. Piccardi, A. Armillis, G. Pracucci, G. Bono, P. Bovi, D. Consoli, M. Guidotti, A. Nucera, et al., *Lingua: Inglese In Press*
  - P. Colomba, A. Nucera, et al., *Identification of a novel mutation in the alpha-galactosidase A gene in patients with Fabry disease*
  - *Stroke TIA e demenza*. Libro edito dal Prof V. Hachinski in editing
  - *A Nucera Trombolysis in small community hospital. Comparable results*
  - *Nucera Thumb sign and TSM, inhibition of the cortex a sign of brain's involvement*
  - *Nucera Stroke Tia and Atrial Fibrillation between the known and the suspected*
  - G. Malferrari, M. Zedde, A. Dallari, A. Nucera, E. Lotti, I. Grisendi, G. De Berti, M. Maggi, N. Franco, M. Norina, N. Marcello, *Intracranial Stenosis Prevalence and Role in TIA Patients: A Subgroup of a Single Centre Italian Study (DAY TIA)* [abstract of the 15th Meeting of the European Society of Neurosonology and Cerebral Hemodynamics. 22-25 May, 2010; Madrid], *Cerebrovasc Dis*. 2010 May; 29(suppl 1):18, Abstract O17
  - G. Malferrari, M.L. Zedde, A. Dallari, A. Nucera, E. Lotti, I. Grisendi, I. Lattuada, A.M. Ferrari, M. Nortina, N. Marcello, *The DAY TIA Project: A Single Centre Pathways of TIA Management Based on Risk Levels and Guided by Neurosonological Evaluation* [Abstract of the 15<sup>th</sup> Meeting of the European Society of Neurosonology and Cerebral Hemodynamics. 22-25 May, 2010; Madrid] *Cerebrovasc Dis*. 2010 May; 29(suppl 1):35-6. Poster P23.
  - G. Malferrari, M. Zedde, G. De Berti, M. Maggi, A. Dallari, A. Nucera, F. Nicoli, N. Marcello, *Neurosonological techniques in the diagnosis of basilar artery (BA) stenosis. A single centre case series*. [Abstract of the 40th Congress of the Italian Neurological Society=4. Congresso SIN Società Italiana di Neurologia. 21-25 Novembre 2009, Padova, Italy], *Neurolo Sci*. 2009 Nov; 30(Suppl):S137.
  - G. Malferrari, M. Zedde, A. Dallari, A. Nucera, E. Liotti, G. Ferrarini, R. Rizzi, A. Pisanello, R. Zucco, M. Bondavalli, E. Ghidoni, L. Motti, R. Sabadini, A. Ferrari, N. Marcello, *A multidisciplinary dedicated pathway for management of patients with TIA*. [Abstract of the 40th Congress of the Italian Neurological Society=40. Congresso SIN Società Italiana di Neurologia. 21-25 Novembre 2009, Padova, Italy], *Neurol Sci*. 2009 Nov; 30(Suppl.):S143.
  - G. Malferrari, M. Zedde, G. De Berti, M. Maggi, A. Dallari, A. Nucera, F. Nicoli, N. Marcello, *Venous haemodynamics evaluated by neurosonological techniques in a subste of patients with transient global amnesia (TGA)*. [Abstract of the 40<sup>th</sup> Congress of the Italian Neurological Society=40 Congress SIN (Società Italiana di Neurologia). 21-25 Novembre 2009, Padova, Italy]. *Neurol. Sci*. 2009 Nov;30(Suppl):S181.
  - G. Malferrari, M. Zedde, G. De Berti, M. Maggi, A. Dallari, A. Nucera, F. Nicoli, N. Marcello, *Case series: Bridge thrombolytic treatment with neurosonological guide by TCCS*. [Abstract of the 40th Congress of the Italian Neurological Society=40 Congresso SIN (Società Italiana di Neurologia). 21-25 Novembre 2009, Padova, Italy], *Neurol Sci*. 2009 Nov;30(Suppl);S199.
  - A. Ferrari, N. Marcello, A. Nucera, G. Malferrari, *Il progetto Stroke Care dell'Emilia Romagna. Geriatria*. 2009;21(5 Suppl):15-22.
  - M. Zedde, G. Malferrari, A. Dallari, A. Nucera, E. Lotti, R. Rizzi, A. Pisanello, *Brain Paranchyma Sonography Findings in a case of suspected oromandibular dystonia*. [Oral Presentations of the 14th meeting of the European Society of Neurosonology and Cerebral Hemodynamics. 2009 May 23-25; Riga, Latvia]. *Cerebrovasc Dis*. 2009 May;27(suppl 5):38-39.
  - G. Malferrari, M. Zedde, A. Dallari, A. Nucera, G. De Berti, R. Ghadirpour, F. Servadei, W. Bottari, F. Nicoli, N. Marcello, *Ultrasound evaluation hemispherectomized Traumatic Brain Injury (TBI) patients: a perfusional approach and venous hemodynamic monitoring*. [Oral Presentations of the 14<sup>th</sup> meeting of the European Society of Neurosonology and Cerebral Hemodynamics. 2009 May 23-25; Riga, Latvia]. *Cerebrovasc Dis*. 2009 May;27(suppl 5):36.
  - G. Malferrari, M. Zedde, A. Dallari, A. Nucera, N. Marcello, *A case of Sonothrombolytic*



- treatment in acute ischemic stroke with contraindications to RTPA.*  
 [Oral Presentations of the 14<sup>th</sup> meeting of the European Society of Neurosonology and Cerebral Hemodynamics. 2009 May 23-25; Riga, Latvia]. *Cerebrovasc Dis.* 2009 May;27(suppl 5):28.
- G. Malferrari, M. Zedde, A. Dallari, A. Nucera, E. Lotti, G. Ferrarini, R. Rizzi, A. Pisanello, R. Zucco, M. Bondavalli, E. Ghidoni, L. Motti, R. Sabadini, A. Ferrari, N. Marcello, *Ugent assessment of Transient Ischemic Attacks (TIA): the "Day-TIA"-Italian pilot study.*  
 [Poster Presentations of the 14<sup>th</sup> meeting of the European Society of Neurosonology and Cerebral Hemodynamics. 2009 May 23-25; Riga, Latvia], *Cerebrovasc Dis.* 2009 May;27(suppl 5):2-3 Poster P5.
  - G. Malferrari, M. Zedde, A. Nucera, A. Dallari, E. Lotti, N. Marcello, *Usefulness of the Ultrasound Contrast Media in Great Vessels and Microvasculature Examination of Brain.*  
 [Abstract of the Stroke in the Real World. 17<sup>th</sup> National Congress of the Italian Interdisciplinary Neurovascular Society (SINV); 2008 Dec 11-13; Montecatini Terme, Italy].  
*Cerebrovasc Dis.* 2008;26(Suppl 2):21. Abstract no. 35.
  - N. Marcello, A. Dallari, A. Nucera, M. Zedde, G. Malferrari, *A Rapid Access to Secondary Prevention: "Day T.I.A. Project".*  
 [Abstract of the Stroke in the Real Worl. 17<sup>th</sup> National Congress of the Italian Interdisciplinary Neurovascular Society (SINV); 2008 Dec 11-13; Montecatini Terme, Italy]. *Cerebrovasc Dis.* 2008;26(Suppl 2):4. Abstract no. 8.
  - G. Malferrari, A. Nucera, A. Dallari, N. Marcello, *TCCS ass a guiding light in the evaluation of acute stroke patients eligible for reperfusion treatment: the example of middle cerebral artery occlusion.* [Abstract of the 39<sup>th</sup> Congress of the Italian Neurological Society; 2008 Oct 18-22; Napoli, Italy]. *Neurol Sci.* 2008 Oct;29(Suppl):S71-72.
  - G. Malferrari, M. Zedde, A. Nucera, A. Dallari, N. Marcello, *Posterior circulation stroke: neurosonological diagnosis of vertebral or basilar artery occlusion predicts outcome.*  
 [Abstract of the 39<sup>th</sup> Congress of the Italian Neurological Society; 2008 Oct 18-22; Napoli, Italy].  
*Neurol Sci.* 2008 Oct;29(Suppl):S306.
  - G. Malferrari, M. Zedde, A. Nucera, A. Dallari, N. Marcello, *Neurosonological diagnosis of great vessel occlusion in acute stroke patients predicts the prognosis: middle cerebral artery versus t-type occlusion.*[Abstract of the 39<sup>th</sup> Congress of the Italian Neurological Society; 2008 Oct 18-22; Napoli, Italy]. *Neurol Sci.* 2008 Oct; 29(Suppl):S307.
  - G. Malferrari, M. Zedde, A. Nucera, A. Dallari, N. Marcello, *A proposal of a dedicated intrahospital pathway for management of patients with TIA.* [Abstract of the 39<sup>th</sup> Congress of the Italian Neurological Society; 2008 Oct 18-22; Napoli, Italy]. *Neurol Sci.* 2008 Oct; 29(Suppl):S307.
  - G. Malferrari, M. Zedde, A. Nucera, A. Dallari, N. Marcello, *Transcranial colour coded duplex sonography for the diagnosis of intracranial stenosis in a tertiary centre population with multiple risk factor.* [Abstract of the 39<sup>th</sup> Congress of the Italian Neurological Society; 2008 Oct 18-22; Napoli, Italy]. *Neurol Sci.* 2008 Oct; 29(Suppl):S307-8.
  - G. Malferrari, M. Zedde, A. Nucera, A. Dallari, N. Marcello, *Brain parenchyma sonography (bps) in the diagnosis of extrapyramidal disorders: early stages of Parkinson disease.* [Abstract of the 39<sup>th</sup> Congress of the Italian Neurological Society; 2008 Oct 18-22; Napoli, Italy]. *Neurol Sci.* 2008 Oct; 29(Suppl):S341.
  - G. Malferrari, M. Zedde, A. Nucera, A. Dallari, N. Marcello, *The Ehlers Danlos connective tissue disorder and cerebrovascular aspects.* [Abstract of the 18<sup>th</sup> Meeting of the European Neurological Society. June 7-11, 2008. Nice, France]. *J Neurol.* 2008 Jun;255(Suppl 2):189. Abstract no. P760
  - S. Vaccaro, E. Manicardi, A. Nucera, *I professionisti dell'Arcispedale Santa Maria Nuova entrano in Questura: screening metabolico alle forze armate di Reggio Emilia.* [Abstract]. In: 4. Congresso nazionale SIO; 21-23 Maggio 2008; Firenze, Italia [S.l.:s.n.,s.d.]. p. 33. Abstract P21.
  - S. Vaccaro, E. Manicardi, A. Nucera, *Consumi alimentari rilevati su un campione di individui in servizio presso le forze armate di Reggio Emilia. I professionisti dell'Arcispedale Santa Maria Nuova entrano in Questura: screening metabolico alle forze armate di Reggio Emilia.* [Abstract]. In: 4. Congresso nazionale SIO; 21-23 Maggio 2008; Firenze, Italia [S.l.:s.n.,s.d.]. p. 33. Abstract P22.
  - G. Malferrari, M. Zedde, A. Dallari, A. Nucera, F. Accorsi, N. Marcello, *A Case of successful Sonothrombolysis Performed on a Carotid T.Type Occlusion.*  
 [Abstract from the 13<sup>th</sup> Meeting of the European Society of Neurosonology and Cerebral Hemodynamics. 5<sup>th</sup> National Congress of the Italian Society of Neurosonology and Cerebral Hemodynamics; 2008 May 10-13; Genova, Italy]. *Cerebrovasc Dis.* 2008 May;25(Suppl 1):49. Abstract no. 30.
  - G. Malferrari, M. Zedde, A. Dallari, A. Nucera, F. Servadei, R. Ghadirpour, W. Bottari, G. De Berti, F. Nicoli, N. Marcello, *US Perfusional Evaluation in Traumatic Brain Injury: a Clinical Proposal.* [Abstract from the 13<sup>th</sup> Meeting of the European Society of Neurosonology and Cerebral Hemodynamics. 5<sup>th</sup> National Congress of the Italian Society of Neurosonology and Cerebral Hemodynamics; 2008 May 10-13; Genova, Italy].
  - G. Malferrari, M. Zedde, A. Dallari, A. Nucera, R. Zucco, M. Bondavalli, N. Marcello, *US Parenchymal Evaluation of an Heavy Metal Poisoning.* [Abstract from the 13<sup>th</sup> Meeting of the

- European Society Neurosonology and Cerebral Hemodynamics. 5<sup>th</sup> National Congress of the Italian Society of Neurosonology and Cerebral Hemodynamics; 2008 May 10-13; Genova, Italy]. *Cerebrovasc Dis.* 2008 May;25(Suppl 1):51. Abstract no. 33.
- G. Malferrari, M. Zedde, A. Dallari, A. Nucera, A. Ferrari, N. Marcello, *A Life Threatening Transient Ischemic Attacks Series in an Older Patient*. [Abstract from the 13th Meeting of the European Society of Neurosonology and Cerebral Hemodynamics. 5<sup>th</sup> National Congress of the Italian Society of Neurosonology and Cerebral Hemodynamics; 2008 May 10-13; Genova, Italy]. *Cerebrovasc Dis.* 2008 May;25(Suppl 1):51. Abstract no. 34.
  - A. Nucera, P. De Mitri, G. Malferrari, A. Dallari, A. Mascolo, A. Raggi, A. Magnacavallo, A. Vecelli, E. Cattadori, E. Porcari, A. Ferrari, N. Marcello, D. Guidetti, *Trombolisi ev a Reggio Emilia e Piacenza: 2000-2007*. *Riv It Neurobiologia*, 2008;54(1 Suppl):467.
  - A. Nucera, A. Dallari, M. Zedde, G. Malferrari, N. Marcello, *rTPA ev e circolo posteriore*. *Riv It Neurobiologia*, 2008;54(1 Suppl):141.
  - M. Zedde, A. Nucera, A. Dallari, G. Malferrari, G. De Berti, F. Nicoli, N. Marcello, *Awakening stroke: trattamento locale imaging-guidato*. *Riv It Neurobiologia*. 2008;54(1 Suppl):142.
  - D. Guidetti, V. Manicardi, A. Ferrari, N. Marcello, F. Nicoli, A. Nucera, B. Sala, G. Malferrari, M. Arvedi, A. Piraccini, *I tempi della trombolisi nell'organizzazione territoriale provinciale hub and spoke. L'esperienza di due città emiliane con protocolli condivisi*. *Riv It Neurobiologia*, 2008;54(1 Suppl):337.
  - R. Grosso, A. Mascolo, A. Nucera, G. Malferrari, E. Magnifico, M. Zedde, P. De Mitri, N. Marcello, D. Guidetti, *Trombolisi over 80. I dati di due centri con un'unica esperienza clinica*. *Riv It Neurobiologia*. 2008;54(1 Suppl):336.
  - G. Malferrari, A. Dallari, A. Nucera, M. Zedde, *A proposal of a dedicated pathway for management of patients with TIA*. [Abstract from the Neurosonology Conference 2007, Budapest, Hungary]. *Cerebrovasc Dis.* 2007 June;23(Suppl 1):46. Abstract no. 114.
  - G. Malferrari, G. De Berti, A. Dallari, A. Nucera, M. Zedde, G. Casali, F. Nicoli, E. Vecchiati, *When time onset of stroke is uncertain: combined TCCD and perfusion CT approach for patient selection to reperfusion therapy*. [Abstract from Neurosonology Conference 2007, Budapest, Hungary]. *Cerebrovasc Dis.* 2007 June;23(Suppl 1):47. Abstract no. 115.
  - G. Malferrari, A. Dallari, A. Nucera, M. Zedde, *Odontalgia as a onset symptom of a dramatic spontaneous cerebroafferent vessels dissection*. [Abstract from the Neurosonology Conference 2007, Budapest, Hungary]. *Cerebrovasc Dis.* 2007 June;23(Suppl 1):47. Abstract no. 116.

## ABSTRACTS

- A. Nucera, E. Merelli, P. Nichelli, *"Neurotossicità da Tacrolimus nei trapianti epatici"*, Poster congresso Nazionale SIN: Napoli, settembre 2003
- D. Guidetti, G. Malferrari, A. Nucera, G. Zuccoli, F. Vicoli, *Stroke 2005 rTPA nell'ictus acuto. L'esperienza di Reggio Emilia*
- D. Guidetti, G. Malferrari, A. Nucera, G. Zuccoli, A. Guadenzi, V. Manicardi, D. Braglia, L. Lodi, M. Campari, L. Siriana, A.M. Ferrari, *The times and the teritorial organization of the acute stroke thrombotic therapy in the province of Reggio Emilia*, XXXVI Congress Of The italiana Neurologiical Society, Cernobbio (Co), Italy, October 2005
- G. Malferrari, D. Guidetti, A. Nucera, C. Bertolino, F. Casoni, N. Marcello, *L'Ecocolor-doppler Transcranico in fase acuta*
- G. Malferrari, A. Dallari, A. Nucera, M. Zedde, *A proposal of a dedicated patway for management of patients with TIA*
- G. Malferrari, G. De Berti, A. Dallari, A. Nucera, M. Zedde, G. Casali, F. Nicoli, E. Vecchiati, *When time onset of stroke is uncertain: combined TCCD and perfusion Ct approach for patient selection to reperfusion therapy*
- G. Malferrari, A. Dallari, A. Nucera, *Odontalgia as onset symptom of a dramatic spontaneous cerebroafferent vessels dissection*
- A. Nucera, *Le alterazioni della sostanza Bianca cerebrale, quando e come fare diagnosi*, *Stroke*, 2006
- A. Nucera, *Neurosonology, A proposal of dedicated patwat for management with TIA*, 2007
- A. Nucera, *The Ehlers Danlos connettive tissue disordere and cerebrovascular aspects* (ENS, European neurology society)
- A. Nucera, *Case of successful sonothrombolysis performed on a Carotid T type occlusion*
- A. Nucera, *US perfusional Evaluation in traumatic Brain injury, a clinical proposal*
- A. Nucera, *US parenchymal evaluation on an Heavy Metal poisoning*
- A. Nucera, *A life threatening transient ischemic attacks series in an oldere patient*
- A. Nucera, *IV thrombolysis in a two centers clinical setting*
- A. Nucera, *IV thrombolysis in patients over 80 years with acute ischemic stroke within 3 hours. A clinical experiance from two centers*
- A. Nucera, *Fabry disease in a Psichiatric patient* ( Barcellona, lisosomal storage 2009)
- A. Nucera, *Ehlers Danlos connettive tissue disorder an stroke*, World stroke congress Vienna, 2008
- Emilia Romagna program for *Stroke, prevention, acute care and rehabilitation*, World stroke congress Seoul, 2010
- A. Nucera, *Fabry disease and stroke*, SIS (Italian stroke society)

## Conferences, Training, Seminars

- P. Colomba, A. Nucera, et al., *Identification of a novel mutation in the alpha-galactosidase A gene in patients with Fabry disease*
- A. Nucera, *Neuroimmagini nella patologia di Fabry*, SNO, Cagliari, 2011
- A. Nucera, *Atrial Fibrillation and stroke*, SNO, Roma, maggio 2012
- A Nucera. Fabry disease

### SPEAKER

External Reviewer of the Canadian Stroke Best Practice Recommendations Acute Stroke Management Module 6th Edition, Update July 2018 and has made significant contributions to improving stroke care and outcomes in Canada.

- Speaker at “rete delle Neurocardiologie”, “Ictus cripto genico e cardioembolico, cerca le differenze” Rome 31.01-1.02-2019
- Speaker at “L’ictus, I caregiver, la donna”. Città della Pieve, October 2016
- Chairman at L’ictus ieri ed oggi, conference Ferrara 04. 2016
- Speaker at L’ictus , i caregiver, la donna, Città della Pieve. 10.2016
- Speaker at World Federation of Neurology. Kyoto Japan
- Speaker at Stroke in Children, Time Is Brain: Balancing Risk In The Treatment of Presumed Cardioembolic stroke, 1 World Stroke Congress Montreal Canada 17-20 october 2018
- Speaker at giornata mondiale dell’ictus. Regione Emilia Romagna POST ICTUS: approccio riabilitativo integrato. Bologna 29/10/2018
- Speaker at World Stroke Congress Implementing a Stroke Unit and thrombolytic therapy in a smaller center. Montreal Canada 17/21.10.2018
- Speaker at La medicina generale di oggi fra patologie croniche ed innovazioni terapeutiche, Ferentino 28-29 Sept 2018
- Speaker at La malattia di Fabry-Anderson, una malattia multidisciplinare, Frosinone 12.12 2018
- Speaker for Trombolisi a Frosinone : La trombolisi nella provincia di Frosinone, un anno di entusiasmo,criticità,riflessioni. Risultati e prospettive
- Speaker for Si può prevenire l’ ictus e ritardare la demenza? Frosinone 12/12/2018
- Speaker at WSC Identification of High risk carotid plaques by duplex ultrasonography and endoarterectomy may delay cognitive impairment WSC Montreal Canada 2018
- Speaker at WSC Fabry \_Anderson disease and stroke: how much we know and when we should suspect, WSC Montreal 2018  
WSC Montreal 2018
- Speaker at Top seminar Cardiovascolare la pratica clinica olte l’ ovvio, Milano 8-9.02 2019
- Speaker at Milano malattia di Fabry, Milano, 2016
- Speaker at World stroke congress Hyderabad 2016 : The upgoing thumb sign a sensitive sign of corticospinal pathway involvement
- Speaker at World stroke Congress Hyderabad 2016. An Invisible and Hospital role for the community: the caregiver
- Speaker at World Congress of Neurology Santiago del Cile 2015  
Thrombolysis in small community hospitals, comparable results? - **Received a top score**
- Speaker at Conference “Faccia a faccia con l’ictus”, Reggio Calabria 2 May 2015
- Speaker at World Stroke Congress Istanbul 2014; New technology as a source of help to people with aphasia
- Speaker at “Stroke Firenze 2016: la patente di guida dopo l ictus”
- Invited speakers IV Ellenic Stroke Society, March 2013, Salonicco
- Lecture to the SAFE Conference. Song of Hope – Budapest Nov 2011
- Speaker at training: “Malattia cerebro vascolare acuta: gestione della fase



dell'esordio e prevenzione secondaria", Genova 1 October 2011

- Speaker at: American Academy of Neurology (Honolulu, Hawaii 6-9 April 2011)
- Speaker at: 7 giornata della Ricerca sull'ictus. Bologna 18 December 2011
- Speaker at: 7 Giornata della ricerca sull'ictus. Genova 25 December 2011
- Speaker at: Dall'Unità neurovascolare alla Stroke Unit. Verona 29-30 Nov 1 December 2012.
- Speaker at: La Malattia di Fabry: riconoscerla per curarla, Ravenna 1 December 2012
- Speaker at: 51° congresso nazionale SNO, Cagliari 18-21 Maggio 2011
- Speaker at: "Screening di popolazione a rischio per malattia di Fabry: esperienze a confronto". Milano 20 November 2010
- Speaker at: congresso 46° SNO San Benedetto del Tronto: Trattamento del emorragia cerebrale. Le Stroke Unit migliorano l'outcome, Amiloidosi cerebrale causa di emorragia, come e quando fare la diagnosi 2006
- Speaker at: "Le stroke Unit: Stato dell'Arte", Ascoli Piceno 10-11 June 2004
- Speaker at: World Congress of Neurology Santiago del Chile, November 2015 – "*Trombolysis in small community hospital. Comparable results?*"
- Speaker at: ISO Italian Stroke Organization. Firenze March 2016. "La Patente di guida dopo l'ictus".
- Speaker at the congress Fabry disease Milano november 2016
- Complicanze emorragiche della terapia anticoagulante, Reggio Emilia 23 October 2006
- Stroke and Atherothrombosis Management 22-24 April 2006, China
- Il paziente con aterotrombosi, il progresso che nasce dal confronto. Bologna 10 October 2006
- La qualità dell'assistenza ai pazienti con ictus cerebrale in Toscana 5 Maggio 2006 Firenze
- Ipertensione e prevenzione cardiovascolare, Firenze 15-16 Settembre 2006
- Seminario, L'assistenza integrate nell'ictus, esperienza a confronto Reggio Emilia- Boston 24 May 2005
- Seminar L'assistenza integrate nell'ictus, esperienza a confronto Reggio Emilia – Boston 24 Maggio 2005

#### TRAININGS

- Training "Neurosonologia interaziendale", Reggio Emilia 12/10/2006
- Trainin "l'inquadramento del paziente ischemico: scale neurologiche" Reggio Emilia 9 October 2006
- Training SiTS-MOST. Certificazione all'uso della NIHSS, Roma 4 June 2004
- Advanced Training "Cefalee" 17-21 May 2004 Perugia
- Training in Neurosonology, Reggio Emilia 8-9 November 2004
- Training "Cefalee", 23-24 May 2003 Iseo
- Training Basic Life support Modena 23 November 2000

#### CONFERENCE ATTENDANCE

- Conference Attendance: L'eccellenza Fabry in Italia Milano 1-2 Nov 2016
- Conference Attendance. European Symposium on Lysosomal Storage disorders ESLSD, Vienna 2016
- Chairman at Conference "L'ictus ieri ed oggi", Ferrara April 2016
- Certificate of attendance, XXI World Congress of Neurology 21-26 September 2013, Vienna
- Certificate of Attendance 8<sup>Th</sup> World Stroke Congress Brasilia 2012
- HONORABLE MENTION PRIZE World Stroke Congress Brasilia 2012
- VI investigator meeting Studio Synthesis Expansion. Milano 18/11/2010
- Certificate Attendance World stroke Congress Seul, Korea October 2010
- Columbia University: Neurologocical Emergencies and Neurocritical Care,

New York 3-5 June 2009

- Certificate of attendance. Innovation in Neurology, Bangkok Thailand 26-30 October 2009
- Stroke 2008 – Conferenza nazionale sull'ictus cerebrale. Milano 14/4/2008
- XVIII Congresso Nazionale SNO, aggiornamento in tema di stroke e malattie cerebrovascolari, cefalee, Sclerosi multipla, Disturbi del movimento, malattia di Parkinson e Alzheimer, tecniche avanzate di Neuroradiologia, La barriera ematoencefalica nelle malattie neurologiche Milano 21-24 Maggio 2008
- Certificate of Achievement, NIHSS Stroke Scale Certification, Frankfurt Germany
- Le Neuropatie ereditarie. Reggio Emilia 11/10/2006
- Certificate of Attendance World Stroke Congress. Cape town, South Africa 2006
- Speaker at: congresso 46° SNO San Benedetto del Tronto: Trattamento del emorragia cerebrale. Le Stroke Unit migliorano l'outcome, Amiloidosi cerebrale causa di emorragia, come e quando fare la diagnosi 2006
- Certificate of Attendance: XVIII the World Stroke Congress of Neurology, Sydney, Australia 2005:
- Certificate of Attendance, training session on GCP, Clinical Trial Methodology and stroke, Leuven Belgium 28-29 October 2005
- Certificate of Attendance: Investigator meeting, Recombinant Factor VII (NOVOSEVEN) in Acute Intracerebral Hemorrhage. Vancouver 21-27 June 2004
- Attendance 5<sup>Th</sup> World stroke Congress, Vancouver, June 23-26, 2004
- Registro Italiano dell'ictus Firenze, 9 March 2004
- National Congress on stroke Firenze, March 2004
- Aggiornamenti sulla gestione dell ictus cerebrale ischemico acuto, Reggio Emilia 7 Febbraio 2004
- Investigator meeting Studio Charisma, Milano 24 January 2003
- Certification VADAS Scale for the Vantage trial 28 January 2003
- NIH Certification Bayer 11/7/2003
- Moderni approcci nell'analisi di neuro immagini funzionali PET e SPECT, implicazioni per lo studio delle demenze, Modena 12 December 2001
- Interferon Beta treatment of Multiple Sclerosis, Guidelines, Torino 27-28 March 2000
- Approccio Ottimale al malato con ictus cerebrale, Modena 10 Maggio 2000

## Clinical Data and Research Activities

- 2009-present Sifap (Fabry network)
- 2008-present MAGIC (premio miglior sperimentatore)
- 2008-present Ct reading study team
- 2007-present Synthesis study (rTPA ev versus intra-arterial)
- 2006 Certificazione Rankin Scale
- 2006-2008 Fattori infiammatori e stroke Vibo Valentia
- 2005 Certificazione NHS
- 2003-2014 Sits. Most: Registro europeo per lo stroke
- 2003-2008 ECASS III (stroke ischemico nella 3°-4° ora) premio miglior sperimentatore
- 2003-2006 Studio SIFA: atrial fibrillation and stroke
- 2003-2006 Studio Charisma
- 2003-2006 Studio Fattore VII 1
- 2003-2004 Neuroprotettore: Repinotan nello stroke ischemico
- 2003-2004 Neuroprotettore: Studio SAINTS nello stroke ischemico
- 2003-2004 Fattore VII:2 Emorragia cerebrale
- 2003 Vadas certification
- 2002-2006 Studio CENA 713: Rivastigmina nella demenza vascolare
- 2007-2010 Synthesis Study
- 2012-2014 Fata Fibrillazione ATriale nell'Anziano (F.A.T.A.). S
- 2018 RIFS Registro Italiano Fabry Stroke
- 2018 Studio Option (pervietà del formale Ovale terapia medica versus chirurgica)
- 2018. Consulente italiano per lo studio LAAOS Left appendage Occlusion Study . Mike

•2019

**Activities performed at:**

**Department of Neuroscience, Western Ontario University London Ca:**

- TIA clinic: supervision clinical experience in the diagnosis and management of acute stroke and patients in the stroke prevention clinic
- training in research methodology and design
- design implementation analysis and publication of original projetc

**•Columbia University New York: neurocritical care**

- Critical care management
- Stroke and neuro interventional

**Cases followed at Stroke Unit Frosinone**

- 2017-present: 330 trombolisis ( rPA e trombectomia)
- 2017 present: 3000 doppler TSA e 400 e transcranici 115 interventi di TEA
- 2017 present about 3000 consultations
- 2017 present 5 skin biopsies
- 2018 present 6 loop recorder
- 2018 present 3 PEO

**Ongoing collaborations:**

- Western Ontario University: Respect Trial
- Central reader and supervisor IMPACT 24 trial L' ictus a 24h .Brains Gate Caesarea Israele
- Board member Ethic Advisor Precious Study
- Assess Study, International Study , stroke in younger
- Ictus and Fabry disease:
- Registro prospettico, multicentrico, italiano di follow up neurologico. Universita' degli studi di Firenze
- Clinical studies on dementia with Western Ontario

Driving licence B

**References**

**Prof. Vladimir Hachinski**

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Via dell'Olmo, 89 – 50019 Sesto Fiorentino (FI)  
Tel +39 0557947441 Mob: +39 3356645814 - e-mail: [inzitari@neuro.unifi.it](mailto:inzitari@neuro.unifi.it)

**Prof Danilo Toni**

Prof Neurology  
Sapienza University, Rome  
email: [Danilo.Toni@uniroma1.it](mailto:Danilo.Toni@uniroma1.it)

**Annexes** Recommendation letters upon request

*I hereby authorize the use of my personal data in compliance with the Italian law N° 675/96.*

Rome, 4 Oct 2021

Antonia Nucera

