

CURRICULUM VITAE

Sara Mazzucco, MD, PhD, born March 3rd 1973, lecturer in Neurology, University of Verona (2006 to present).

EDUCATION

Medical School: M.D. Degree summa cum laude, July 10th 1997 at the University of Verona.

Residency: Section of Clinical Neurology, Department of Neurological and Visual Sciences, University of Verona Medical School (1997-2001)

PhD: Section of Clinical Neurology, Department of Neurological and Visual Sciences, University of Verona Medical School, 2002-2005.

Research Fellowship: Section of Clinical Neurology, Department of Neurological and Visual Sciences, University of Verona Medical School (2001 to 2005); Stroke Prevention Research Unit, Department of Clinical Neurology, Oxford University (2002-2003); Vascular Laboratory of the Neurological Department, Sant'Orsola Hospital, Brescia, Italy (2003-2009); Vascular Laboratory, Neurology Department, Giessen and Marburg University, Giessen, Germany (2008).

CERTIFICATIONS:

MD State license examination (1998), board in Neurology (December 19th 2001), PhD in Neurological Sciences (April 25th 2006).

CLINICAL EXPERIENCE

In charge of the Neurosonology laboratory of the Section of Clinical Neurology, Department of Neurological, Neuropsychological, Morphological and Movement Sciences, University of Verona Medical School (2002 to present); Clinical neurologist at the outpatients clinic of the territorial health office in Verona (2002); Clinical neurologist at the Neurology Department of Verona Hospital (Ospedale Civile Maggiore di Borgo Trento, Verona, 2005-2006); Clinical neurologist at the Section of Clinical Neurology, Department of Neurological and Visual Sciences, University of Verona Medical School, since January the 1st 2007)

SCIENTIFIC COLLABORATIONS

Stroke Prevention Research Unit, Department of Clinical Neurology, Oxford University, UK; Neurology Service Sant'Orsola Hospital, Brescia, Italy; Research Institute San Giovanni di Dio FBF, Brescia, Italy; Department of Biomedical and Surgical Sciences, section of Endocrinology, Verona University; Stroke Unit, Neurology Department, Verona Hospital, Italy; Department of Cardiology for the "PFO inter-department project", Verona Hospital, Italy; Neurology Department, Giessen and Marburg University, Giessen, Germany.

TEACHING

Neurosonology, Neurology board of University of Verona (2005 to present); Neurology, University of Verona Medical school (2005 to present); Neurology, Physical and Rehabilitation Medicine board of University of Verona (2006 to present)

RESEARCH INTERESTS

Study of endothelial function in cerebral arteries, as an application of flow-mediated vasodilation to cerebral circulation; TCD in mild cognitive impairment; Cerebral arteries dissection; Migraine and PFO; Stroke and PFO; CADASIL and possible comorbidity factors. Relation between CADASIL and migraine; relation between CADASIL, migraine and PFO; Antipsychotics and cerebrovascular events; symptomatic plaque genetical, histopathological and imaging characteristics; Stroke in the young; Neurological complications of Hereditary Haemorrhagic Teleangiectasia; Neurological complications of paediatric Sickle Cell Disease and TCD screening of children with sickle cell disease.

Publications 2006-2011

Mazzucco S, Rizzuto N. Horner syndrome due to internal carotid artery dissection. *Neurology* 2006;66:E19.

Mazzucco S, Cipriani A, Lintas C, Barbui C. Effect of antipsychotic drugs on cerebrovascular morbidity and mortality: a systematic review. *Current Drug Therapy*, 2006, 1:1-8.

Mazzucco S, Anzola GP. Patent foramen ovale in young adults with unexplained stroke. Letter to the Editor. *New England Journal of Medicine*, 2006; 354:1753-5.

Monaco S, Zanusso G, Mazzucco S, Rizzuto N. Cerebral amyloidoses: molecular pathways and therapeutic challenges. *Current Medicinal Chemistry*. 2006;13:1903-13.

Mazzucco S, Ferrari S, Mezzina C, Tomelleri G, Rizzuto N "Hyperpyrexia-triggered relapses in an unusual case of ataxic Chronic Inflammatory Demyelinating Polyradiculoneuropathy." *Neurological Sciences*, 2006; 27: 176-179.

Mazzucco S, Redgrave JN, Schulz UG, Flossmann E, Rothwell PM. Asymptomatic recurrent cerebral ischaemic lesions on DWI in the subacute and chronic phase after TIA or minor ischaemic stroke. *Cerebrovascular Diseases* 2007; 24: 133-135.

Anzola GP, Mazzucco S. The patent foramen ovale-migraine connection: a new perspective to demonstrate a causal relation. *Neurol Sci*. 2008;29 Suppl 1:S15-8.

Mazzucco S, Cipriani A, Barbui C, Monaco S. Antipsychotic drugs and cerebrovascular events in the elderly: a systematic review. *Mini Rev Med Chem*. 2008:776-83.

Bersano A, Ballabio E, Lanfranconi S, Mazzucco S, Candelise L, Monaco S. Statin and stroke. *Current Medicinal Chemistry* 2008;15(23):2380-92.

Mazzucco S, Bifari F, Trombetta M, Guidi GC, Mazzi M, Anzola GP, Rizzuto N, Bonadonna N. Evaluating endothelial function of common carotid artery: an *in vivo* human model. *Nutrition, Metabolism & Cardiovascular Diseases*, 2009; 19:205-210.

Mazzucco S, Anzola GP, Ferrarini M, Taioli F, Olivato S, Burlina AP, Fabrizi GM, Rizzuto N. Cerebral Autosomal Dominant Arteriopathy with Subcortical Infarcts and Leucoencephalopathy and Right-to-Left Shunt: Lack of Evidence for an Association in a Prevalence Study. *European Neurology*. 2008; 61:46-49.

Rossato G, Adami A, Thijs VN, Cerini R, Pozzi-Mucelli R, Mazzucco S, Anzola GP, Del Sette M, Dinia L, Meneghetti G, Zanferrari G, on behalf of the SAM study group. Cerebral distribution of white matter lesions in migraine with aura patients, Cephalalgia, **2010; 30:855-9**.

Gallione C, Aylsworth AS, Beis J, Berk T, Bernhardt B, Clark RD, Clericuzio C, Danesino C, Drautz J, Fahl J, Fan Z, Faughnan M, Ganguly A, Garvie J, Henderson K, Kini U, Leedom T, Ludman M, Lux A, Maisenbacher M, Mazzucco S, Olivieri C, Ploos van Amstel JK, Prigoda-Lee N, Pyeritz RE, Reardon W, Vandezande K, Waldman JD, White RI, Jr., Williams CA, and Marchuk D. Overlapping Spectra of SMAD4 Mutations in Juvenile Polyposis (JP) and JP-HHT Syndrome. *American Journal of Medical Genetics A*, 2010; 152A:333-9.

Anzola GP, Galluzzi S, Mazzucco S, Frisoni GB. Autonomic dysfunction in mild cognitive impairment: a transcranial Doppler study. *Acta Neurologica Scandinavica*, in press.

Ferronato S, Gomez Lira M., Olivato S, Scuro A, Veraldi GF, Romanelli MG, Patuzzo C, Malerba G, Pignatti PF, Mazzucco S. Upregulated expression of toll-like receptor 4 in peripheral blood of ischemic stroke patients correlates with cyclooxygenase 2 expression. *European Journal of Vascular and Endovascular Surgery*, in press.