

FABRIZIO TAGLIAVINI

Curriculum Vitae

Fabrizio Tagliavini is a neurologist and neuropathologist. Since 2016 he is the Scientific Director of the IRCCS Foundation "Carlo Besta" Neurological Institute and since 2017 President of the Italian Network of IRCCS of Neuroscience and Neurorhabilitation.

His clinical and research activities are devoted to degenerative dementias due to protein misfolding - in particular Alzheimer disease, prion encephalopathies and frontotemporal dementias - and are aimed at their clinical, neuropathological and molecular characterization, at pathogenesis studies for recognition of therapeutic targets and advanced biomarkers, and at the identification of molecules able to contrast the development and progression of the disease. This activity began in the 1980s at the Brain Anatomy Institute of the Psychiatric Clinic of the University of Bern (1981-1984), and developed in the Pathology Department of the New York University Medical Center (1989-1990) and in the Carlo Besta Neurological Institute, where he directed the Unit of Neuropathology (2003-2016), the Department of Neurodegenerative Diseases (2008-2016) and the Department of Diagnostics and Technology (2013-2016).

The scientific activity has resulted in the publication of more than 300 articles in prestigious international journals including *Nature*, *Nature Medicine*, *Nature Reviews Neurology*, *Science*, *Cell*, *Neuron*, *EMBO Journal*, *Proceedings of the National Academy of Sciences USA*, *Lancet*, *Lancet Neurology*, *New England Journal of Medicine* (H Index Scopus = 61, Citations > 11,000).

He was President of the Italian Association of Neuropathology (2003-2004) and is a member of national and international organizations, including the Management Board of the Joint Programming Initiative on Neurodegenerative Diseases (since 2013), the Scientific Advisory Board of ERA-Net NEURON (since 2011), the Scientific Committee of the Foundation for Biomedical Research of Lombardy Region, the Council of the International Society of Neuropathology (since 2010), the Council of the European Confederation of Neuropathological Societies (since 2004) and the Council of SINDem (since 2014).

Selected Publications

- Haïk S, Marcon G, Mallet A, Tettamanti M, Welaratne A, Giaccone G, Azimi S, Pietrini V, Fabreguettes JR, Imperiale D, Cesaro P, Buffa C, Aucan C, Lucca U, Peckeu L, Suardi S, Tranchant C, Zerr I, Houillier C, Redaelli V, Vespiagnani H, Campanella A, Sellal F, Krasnianski A, Seilhean D, Heinemann U, Sedel F, Canovi M, Gobbi M, Di Fede G, Laplanche JL, Pocchiari M, Salmona M, Forloni G, Brandel JP, **Tagliavini F** (2014). Doxycycline in Creutzfeldt-Jakob disease: a phase 2, randomised, double-blind, placebo-controlled trial. *Lancet Neurology* 13:150-8.
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- **Tagliavini F**, McArthur R A, Canciani B, Giaccone G, Porro M, Bugiani M, Lievens P M-J, Bugiani O, Peri E, Dall'Ara P, Rocchi M, Poli G, Forloni G, Bandiera T, Varasi M, Suarato A, Cassutti P, Cervini M A, Lansen J, Salmona M, Post C (1997) Effectiveness of anthracycline against experimental prion disease in Syrian hamsters. *Science* 276:1119-1122.
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