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**ROBERT**

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Robert Nisticò was born in London and grew up in Italy. He obtained his degree in Medicine and Surgery and Specialization in Psychiatry from the Università Cattolica del Sacro Cuore. He then moved as a post-doctoral fellow to the University of Bristol (UK) where he joined the group of Prof. G. Collingridge. There, using electrophysiological techniques, he investigated the mechanisms underlying hippocampal synaptic plasticity in healthy and pathological conditions.

He is currently Full Professor of Pharmacology at the University of Rome "Tor Vergata" and Group Leader at the EBRI Rita Levi Montalcini Foundation.

His current research focuses on the mechanisms underlying pathological synaptic plasticity and how these processes may lead to neurodegenerative and neuroinflammatory diseases.

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The aim of his research is to identify and validate novel pharmacological targets for the treatment of those disorders.

Robert is author or co-author of approx. 140 papers in international scientific journals, and has been awarded fellowships, such as the "Marie Curie Fellowship" and was invited as Honorary Lecturer at the *School of Pharmacy*, University of Nottingham (UK).

### **Education and Positions**

1999 Degree in Medicine and Surgery, Catholic University of the Sacred Heart, Faculty of Medicine and Surgery, Rome.

2003 Specialization in Psychiatry, Catholic University of the Sacred Heart, Faculty of Medicine and Surgery, Rome.

2003 Postdoctoral fellow, MRC Center for Synaptic Plasticity, School of Medical Sciences, University of Bristol (UK).

2015 Group Leader, Laboratory of Neuropharmacology, EBRI-Rita Levi Montalcini Foundation, Rome.

2020 Full Professor of Pharmacology, University of Rome "Tor Vergata".

### **Publications (three-year period 2017-2019)**

#### **2019**

Protto V, Soligo M, De Stefano ME, Farioli-Vecchioli S, Marlier LN, Nisticò R, Manni L. Electroacupuncture in rats normalizes the diabetes-induced alterations in the septo-hippocampal cholinergic system. *Hippocampus*. 2019 Oct;29(10):891-904.

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## 2018

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Hampel H, Vergallo A, Giorgi FS, Kim SH, Depypere H, Graziani M, Saidi A, Nisticò R, Lista S; Alzheimer Precision Medicine Initiative (APMI). Precision medicine and drug development in Alzheimer's disease: the importance of sexual dimorphism and patient stratification. *Front Neuroendocrinol.* 2018 Jul;50:31-51.

Mango D, Nisticò R. Role of ASIC1a in A $\beta$ -induced synaptic alterations in the hippocampus. *Pharmacol Res.* 2018 May;131:61-65.

Maccarrone M, Totaro A, Leuti A, Giacobazzo G, Scipioni L, Mango D, Coccurello R, Nisticò R, Oddi S. Early alteration of distribution and activity of hippocampal type-1 cannabinoid receptor in Alzheimer's disease-like mice overexpressing the human mutant amyloid precursor protein. *Pharmacol Res.* 2018 Apr;130:366-373.

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Nisticò R, Salter E, Nicolas C, Feligioni M, Mango D, Bortolotto ZA, Gressens P, Collingridge GL, Peineau S. Synaptoimmunology - roles in health and disease. *Mol Brain.* 2017 Jun 20;10(1):26.

Mango D, Braksator E, Battaglia G, Marcelli S, Mercuri NB, Feligioni M, Nicoletti F, Bashir ZI, Nisticò R. Acid-sensing ion channel 1a is required for mGlu receptor dependent long-term depression in the hippocampus. *Pharmacol Res.* 2017 May;119:12-19.

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