

## Appendix 1. IPSYS co-investigators (listed by participating centers)

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Stroke Unit, Vascular Neurology, "Spedali Civili", Brescia, Italy (Massimo Gamba, Mauro Magoni)

Thrombosis Center (Corrado Lodigiani, Paola Ferrazzi, Elena Banfi, Luca Librè) and Emergency Neurology and Stroke Unit (Simona Marcheselli), IRCCS Humanitas Research Hospital, Rozzano-Milano, Italy

Stroke Unit, "Sant'Andrea" Hospital, University of Rome "La Sapienza", Roma, Italy (Alessandra Spalloni, Rosalba Patella, Filomena Di Lisi, Maurizia Rasura)

IRCCS "Neurolesi Bonino-Pulejo" Center, University Hospital, Messina, Italy (Rocco Salvatore Calabrò, Placido Bramanti)

Department of Neurosciences, Psychiatry and Anesthesiology, Neurological Clinic, University of Messina, Messina, Italy (Carmela Casella, Paolo La Spina, Francesco Grillo, Masina Cotroneo, Rossella Musolino)

Department of Neurosciences, Rehabilitation, Ophthalmology, Genetics, and Pediatrics, University of Genova, Genova, Italy (Cinzia Finocchi, Maurizio Balestrino, Chiara Bruno, Davide Massucco, Carlo Gandolfo)

Neurology Unit, "Sant'Andrea" Hospital, La Spezia, Italy (Elisa Giorli, Elisabetta Traverso)

Neurology Unit, "Galliera" Hospital, Genova, Italy (Erika Schirinzi, Massimo del Sette)

Neurology Unit, "Ospedale di Circolo," University of Insubria, Varese, Italy (Maria Luisa DeLodovici, Federico Carimati)

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Stroke Center, Department of Neurology, "Sacro Cuore Negrar", Verona, Italy (Alessandro Adami)

Neurology Unit, University Hospital "Borgo Trento", Verona, Italy (Monica Carletti, Giampaolo Tomelleri, Paolo Bovi)

Department of Neurosciences, Stroke Unit, University of Torino, Torino, Italy (Paolo Cerrato)

Laboratory of Molecular and Nutritional Epidemiology, Department of Epidemiology and Prevention, IRCCS Mediterranean Neurological Institute, NEUROMED, Pozzilli, Italy (Licia Iacoviello, Augusto Di Castelnuovo, Giovanni de Gaetano)

Department of Behavioural and Neurological Sciences, Medical Statistics and Genomics, University of Pavia, Pavia, Italy (Mario Grassi)

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Stroke Unit, Division of Cardiovascular Medicine, University of Perugia, Perugia, Italy (Maurizio Paciaroni, Valeria Caso, Cataldo D'Amore, Giancarlo Agnelli)

Neurology Unit, "Valduce" Hospital, Como, Italy (Nicoletta Checcarelli, Mario Guidotti)

Neurology Unit (Lucia Tancredi) and Radiology Unit (Laura Demelas, Davide Ferrario), ASST Lariana, Como, Italy

Stroke Unit, Neurology Unit, IRCCS "S. Raffaele" Hospital, Milano, Italy (Giacomo Giacalone, Elisa Zanolì)

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Stroke Unit, Neurology Unit, "S. Chiara" Hospital, Trento, Italy (Valeria Bignamini, Laura Cucurachi)

Neurology Unit, "Cà Foncello" Hospital, ULSS 9, Treviso, Italy (Simone Tonello, Marco Domenico Bonifati)

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