## **Appendix 1**

## French and Mediterranean clinicians' network for Parkinson's disease genetics (the PDG group) members

French PDG members: Yves Agid (site investigator, Department of Neurology, Paris Brain Institute, Pitié-Salpêtrière Hospital, Paris, France), Mathieu Anheim (site investigator, Department of Neurology, University Hospital, Strasbourg, France), Michel Borg (site investigator, Department of Neurology, University Hospital, Nice, France), Alexis Brice (site investigator, Paris Brain Institute, Pitié-Salpêtrière Hospital, Paris, France), Emmanuel Broussolle (site investigator, Department of Neurology, Civil Hospices of Lyon, Lyon, France), Jean-Christophe Corvol (site investigator, Centre for Clinical Investigations, CIC-1422, Paris Brain Institute, Pitié-Salpêtrière Hospital, Paris, France), Philippe Damier (site investigator, Centre for Clinical Investigations, CIC-0004, Laennec Hospital, Nantes, France), Luc Defebvre (site investigator, Department of Neurology and Pathology of the Movements, Roger Salengro Hospital, Lille, France), Alexandra Dürr (site investigator, Paris Brain Institute, Pitié-Salpêtrière Hospital, Paris, France), Franck Durif (site investigator, Department of Neurology, University Hospital Center, Clermont-Ferrand, France), Jean Luc Houeto (site investigator, Department of Neurology, Centre for Clinical Investigations, CIC-1402, University Hospital, Poitiers, France), Paul Krack (site investigator, Department of Neurology, University Hospital, Bern, Switzerland), Stephan Klebe (site investigator, Department of Neurology, University Hospital, Essen, Germany), Suzanne Lesage (site investigator, INSERM Unit 1127, Paris Brain Institute, Pitié-Salpêtrière Hospital, Paris, France), Ebba Lohmann (site investigator, Department of Neurodegenerative Diseases, Hertie Institute for Clinical Brain Research, Tübingen, Germany), Maria Martinez (site investigator, INSERM Unit 563, Toulouse, France), Graziella Mangone (site investigator, Centre for Clinical Investigations, CIC-1422, Pitié-Salpêtrière Hospital, Paris, France), Louise-Laure Mariani (site investigator, Centre for Clinical Investigations, CIC-1422, Paris Brain Institute, Pitié-Salpêtrière Hospital, Paris, France), Pierre Pollak (site investigator, Department of Neurology, University Hospital Center, Grenoble, France), Olivier Rascol (site investigator, Departments of Neurosciences and Clinical Pharmacology, Clinical Investigation Center CIC 1436, University Hospital, Toulouse, France), François Tison (site investigator, Department of Neurology, University Hospital, Bordeaux, France), Christine Tranchant (site investigator, Department of Neurology, University Hospital, Strasbourg, France), Marc Vérin (site investigator, Department of Neurology, University Hospital, Rennes, Frane), François Viallet (site investigator, Department of Neurology, University Hospital of Aix-Pertuis, Aix-en-Provenc, France), and Marie Vidailhet (site investigator, Department of Neurology, Paris Brain Institute, Pitié-Salpêtrière Hospital, Paris, France).

Clinicians from Mediterranean countries: Ebba Lohmann (Behavioural Neurology and Movement Disorders Unit, Department of Neurology, Istanbul Faculty of Medicine, Istanbul University, Istanbul, Turkey and Department of Neurodegenerative Diseases, Hertie Institute for Clinical Brain Research, University of Tübingen, Tübingen, Germany), Murat Emre (Behavioural Neurology and Movement Disorders Unit, Department of Neurology, Istanbul Faculty of Medicine, Istanbul University, Istanbul, Turkey), Hasmet Hanagasi (Behavioural Neurology and Movement Disorders Unit, Department of Neurology, Istanbul Faculty of Medicine, Istanbul University, Istanbul, Turkey), Basar Bilgic (Behavioural Neurology and Movement Disorders

Unit, Department of Neurology, Istanbul Faculty of Medicine, Istanbul University, Istanbul, Turkey), Bedia Marangozoğlu (Behavioural Neurology and Movement Disorders Unit, Department of Neurology, Istanbul Faculty of Medicine, Istanbul University, Istanbul, Turkey), Mustapha Benmahdjoub (Frantz Fanon Hospital, Hospital-University Center of Blida, Blida, Algeria), Mohammed Arezki (Frantz Fanon Hospital, Hospital-University Center of Blida, Blida, Algeria), Sofiane A Bouchetara (Department of Neurology, University Hospital of Oran, Oran, Algeria), Traki Benhassine (Faculty of Biological Sciences, University of Sciences and Technology Houari Boumediene (USTHB), Algiers, Algeria), Meriem Tazir (Department of Neurology, Mustapha Bacha University Hospital, Algiers, Algeria), Mouna Ben Djebara (Department of Neurology, Clinical Investigation Center, Razi University Hospital, Faculty of Medicine of Tunis, Tunisia), Riadh Gouider (Department of Neurology, Clinical Investigation Center, Razi University Hospital, Faculty of Medicine of Tunis, Tunisia), Sawssan Ben Romdhan (Research Unit in Neurogenetics, Clinical Investigation Center (CIC) at the Habib Bourguiba Hospital-University center, Sfax, Tunisia), Chokri Mhiri (Research Unit in Neurogenetics, Clinical Investigation Center (CIC) at the Habib Bourguiba Hospital-University center, Sfax, Tunisia), Ahmed Bouhouche (Research Unit in Neurology and Neurogenetics, Department of Neurology B and Neurogenetics, Faculty of Medicine and Pharmacy, Specialty Hospital ONO, Mohammed V University, Rabat, Morocco).

## Appendix 2

## Members of the International Parkinsonism Genetics Network

Vincenzo Bonifati, Wim Mandemakers, Anneke J.A. Kievit, Erasmus University Medical Center Rotterdam, Erasmus MC, Department of Clinical Genetics, Rotterdam, the Netherlands; Agnita J.W. Boon, Erasmus University Medical Center Rotterdam, Erasmus MC, Department of Neurology, Rotterdam, the Netherlands; Joaquim J. Ferreira, Leonor Correia Guedes, Instituto de Medicina Molecular, Faculdade de Medicina, Universidade de Lisboa, Lisbon, Portugal; Murat Emre, Hasmet A. Hanagasi, Basar Bilgic, Zeynep Tufekcioglu, Department of Neurology, Istanbul Faculty of Medicine, Istanbul University, Istanbul, Turkey; Bülent Elibol, Department of Neurology, Medical Faculty, Hacettepe University, Ankara, Turkey; Okan Doğu, Department of Neurology, Medical Faculty, Mersin University, Mersin, Turkey; Murat Gultekin, Department of Neurology, Erciyes University Faculty of Medicine, Kayseri, Turkey; Hsin F. Chien, Egberto Barbosa, Department of Neurology, Faculdade de Medicina FMUSP, University of São Paulo, São Paulo, Brazil; Laura Bannach Jardim, Medical Genetics Service, Hospital de Clínicas de Porto Alegre, Department of Internal Medicine, Universidade Federal do Rio Grande do Sul, Porto Alegre, Brazil; Carlos R.M Rieder, Neurology Service, Hospital de Clínicas de Porto Alegre, Porto Alegre, Brazil; Hsiu-Chen Chang, Chin-Song Lu, Department of Neurology, Chang Gung Memorial Hospital and Chang Gung University, Taoyuan, Taiwan; Yah-Huei Wu-Chou, Department of Medical Research, Chang Gung Memorial Hospital and Chang Gung University, Taoyuan; Tu-Hsueh Yeh, Department of Neurology, Taipei Medical University Hospital, Taipei, Taiwan; Leonardo Lopiano, Department of Neuroscience "Rita Levi Montalcini", University of Torino, Italy; Cristina Tassorelli, Claudio Pacchetti, "C. Mondino" National Neurological Institute, Pavia, Italy; Cristoforo Comi, Department of Translational Medicine, University of Piemonte Orientale, Novara, Italy; Francesco Raudino, Hospital "Valduce", Como, Italy; Laura Bertolasi, Michele Tinazzi, Department of Neurosciences, Biomedicine and Movement Sciences, University of Verona, Italy; Alberto Bonizzato, Hospital "Borgo Trento", Verona, Italy; Carlo

Ferracci, Hospital of Belluno, Italy; Roberto Marconi, "Misericordia" Hospital, Grosseto, Italy; Marco Guidi, "INRCA" Institute, Ancona, Italy; Marco Onofri, Astrid Thomas, Department of Neuroscience, Imaging and Clinical Sciences, University Chieti-Pescara, Italy; Nicola Vanacore, National Centre of Epidemiology, Rome, Italy; Giuseppe Meco, Edito Fabrizio, Giovanni Fabbrini, Alfredo Berardelli, Department of Neurology and Psychiatry, "Sapienza" University of Rome, Italy; Fabrizio Stocchi, Laura Vacca, University and Institute for Research and Medical Care IRCCS San Raffaele, Roma, Italy; Paolo Barone, Marina Picillo, Center for Neurodegenerative Diseases (CEMAND), Department of Medicine, Surgery and Dentistry, Neuroscience Section, University of Salerno, Fisciano, Italy; Giuseppe De Michele, Chiara Criscuolo, Department of Neurosciences and Reproductive and Odontostomatological Sciences, Federico II University, Naples, Italy; Michele De Mari, Claudia Dell'Aquila, "Bonomo" Hospital, Andria, Italy; Giovanni Iliceto, Neurology Unit, Department of Basic Medical Sciences, Neurosciences and Sense Organs, University of Bari "Aldo Moro", Bari, Italy; Vincenzo Toni, Giorgio Trianni, Hospital of Casarano, Italy; Valeria Saddi, Neurology Division, S. Francesco Hospital, ASL No. 3 Nuoro, Italy; Gianni Cossu, Maurizio Melis, Hospital S. Michele AOB "G. Brotzu", Cagliari, Italy.