**Appendix 2 Coinvestigators of the GRECogVASC study group:**

Sandrine Despretz-Wannepain (Department of Neurology, University Hospital of Amiens, France): data acquisition and coordination of neuropsychological data;

Virginie Tourbier (Department of Neurology, University Hospital of Amiens, France): data acquisition;

Annie Thorel-Routier (Department of Neurology, University Hospital of Amiens, France): data acquisition;

Pascal Despretz (University of Lille, INSERM CIC-IT 807, France) : conception and design of reaction time software;

Hassan Berrissoul (University Hospital of Amiens, France): visit organization and data collection;

Carl Picard (Department of Biostatistics and medical research, University Hospital of Amiens, France): data management;

Gwénolé Loas, MD, PhD (Department of Psychiatry and Laboratory of Functional Neurosciences, University Hospital of Amiens, France): advisory committee for assessment of depression and anxiety;

Hervé Deramond, MD (Department of Radiology, University Hospital of Amiens, France): determination of MRI sequences;

Jean-Marc Constans, MD, PhD (Department of Radiology, University Hospital of Amiens, France) : MRI sequences analyses;

Véronique Quaglino, PhD (Department of Psychology and CRPPCO Laboratory, University of Amiens, France): site coordinator involved in control data acquisition;

Hélène Beaunieux (Department of Psychology, University of Caen, France) : site coordinator involved in control data acquisition;

Christine Moroni (Department of Psychology, University of Lille, France) : site coordinator involved in control data acquisition;

Audrey Martens-Chazelles (Department of Neurology, Hospital of Creil, France): contribution to control data acquisition;

Stéphanie Batier-Monperrus (Department of Neurology, Hospital of Epinal, France) : contribution to control data acquisition;

Cécile Monteleone & Véronique Costantino (Department of Neurology, Hospital of Ajaccio, France) : contribution to control data acquisition;

Eric Theunssens (Department of Speech Therapy, Haute Ecole de Liège, Belgium) : site coordinator involved in control data acquisition;