

## 16<sup>th</sup> Workshop of the International Stroke Genetics Consortium

### Preliminary Program

#### **Thursday November 6th 2014**

8:00 GOCHA steering committee meeting

9:00 Welcome from Meeting Co-chairs, Stéphanie Debette (Paris, France) and Guillaume Paré (Hamilton, Canada) and from ISGC chair, Jane Maguire (Newcastle, Australia)

9:15 Session 1: young stroke genetics (3 presentations of 20')

*Chairs Brad Worrall (Charlottesville, Virginia), and Dan Woo (Cincinnati, USA)*

- GEOS, YiChing Cheng (Baltimore, USA): Young stroke GWAS meta-analysis
- SIFAP, Anne-Katrin Giese (Rostock, Germany): Identification of rare monogenic diseases in the SIFAP study of young stroke patients
- CADISP, Stéphanie Debette (Paris, France): Exome chip analysis of cervical artery dissections

10:15 Coffee Break

10:45 Session 2: Related phenotypes

*Chairs Tatjana Rundek (Miami, USA), and Jane Maguire (Newcastle, Australia)*

- Femke Vant'Hof (Utrecht, Netherlands): Genetics of intracranial aneurysms (20')
- Joe Broderick (Cincinnati, USA): Rare variants and intracranial aneurysms (20')
- Matthew Farrell (Cambridge, UK): Shared genetic variation between stroke and dementia (20')
- Arne Lindgren (Lund, Sweden), Jane Maguire (Newcastle, Australia): Report from the Stroke Outcome Working Group (45')

12:30 Lunch

13:30 Invited lecture: Elisabeth Tournier-Lasserre (Paris, France): Monogenic small vessel disease: a historical perspective

*Chair Jonathan Rosand (Boston, USA)*

14:15 Session 3: Genetics of lacunar stroke and MRI-markers of small vessel disease

*Chairs H Markus (Cambridge, UK), and Hugues Chabriat (Paris, France)*

- Myriam Fornage (Houston, USA): Rare variants and WMH in CHARGE (20')
- Anna Bersano (Milano, Italy): NGS in lacunar stroke (20')
- Natalia Rost (Boston, USA): Report from the Imaging Working Group (35')

15:30 Coffee Break

16:00 Invited Lecture: Philippe Amouyel (Lille, France): Genetics of Alzheimer Disease, GWAS and beyond

*Chair Sudha Seshadri (Boston, USA)*

16:45 Report from the Analysis Working Group (30')

17:30 End of day 1

**Friday November 7th 2014**

8:00 SiGN steering committee meeting

9:00 Session 1: New findings and projects from stroke GWAS in large consortia (4 presentations of 20 minutes)

*Chairs Guillaume Paré (Hamilton, USA), and Hugh Markus (Cambridge, UK)*

- Brad Worrall (Charlottesville, USA) & Martin Dichgans (Munich, Germany): METASTROKE
- Steven Kittner & Brackie Mitchell (Baltimore, USA): SiGN
- Jonathan Rosand (Boston, USA) and Dan Woo (Cincinnati, USA): GOCHA
- Will Longstreth (Seattle, USA), Sudha Seshadri (Boston, USA): CHARGE

10:20 Break

10:45 Session 2: Towards multiethnic stroke genetics

*Chair Rainer Malik (Munich, Germany), Agnieszka Slowik (Krakow, Poland)*

- COMPASS, Myriam Fornage (Houston, USA) and Keith Keen (Charlottesville, USA) (20')
- Update on South-American stroke genetics, Juan José Martín (Cordoba, Argentina), Iscia Lopes-Cendes (Campinas, Brazil) (20')
- Biobank Japan and Hisayama Study – Asian Stroke Genetics Network, Yoichiro Kamatani or M Kubo (Kanagawa, Japan) (20')

11:45 Invited lecture:

Josée Dupuis (Boston, USA): Association and meta-analysis strategies for rare variants /  
Genome-wide analyses of gene-environment interactions

*Chair Liz Holliday (Newcastle, Australia)*

12:30 Lunch

13:30 Session 3: Rare variants and stroke related phenotypes (3 presentations of 20 minutes)

*Chair Myriam Fornage (Houston, USA), Paul de Bakker (Utrecht, Netherlands)*

- James Meschia (Jacksonville, USA) and Steve Rich (Charlottesville, USA): ESP-GO
- Myriam Fornage (Houston, USA) and Anita de Stefano (Boston, USA): Stroke exome-chip and WES project
- Martin Dichgans / Rainer Malik (Munich, Germany): Exome chip of large artery atherosclerosis

14:30 Coffee Break

15:00 Invited lecture: Anne Joutel (Paris, France): Animal models of small vessel stroke, towards bridging the gap

*Jenny Majersik (Salt Lake City, USA)*

15:45 Session 4: Pilot studies “to bridge the gap”

*Chair Chris Anderson, USA), Chair Israel Fernandez Cadenas (Barcelona, Spain),*

- Ganesh Chauhan (Paris, France): CADASIL pathway genes and cerebral small vessel disease in older community persons (20')
- Joanna Wardlaw (Edinburgh, UK): From stroke prone rat to cerebral small vessel disease in the general population (20')
- Chris Anderson (Boston, USA): Report from the Function Genomics Working Group (40')

17:00 End of meeting

**Liste des conférenciers invités, fonctions, si présence est confirmée ou non :**

- Professeur Elisabeth Tournier-Lasserre, PU-PH, directrice UMR-S 1161, Paris, France ; présence confirmée
- Professeur Philippe Amouyel, PU-PH, directeur U744, Lille, France ; présence confirmée
- Professeur Josée Dupuis, Professeur de Biostatistique, Boston University School of Medicine, Framingham Heart Study, Boston, USA; présence confirmée
- Docteur Anna Joutel, Co-directrice de L'UMR-S1161, Paris, France ; présence confirmée

Les membres du consortium (cf les autres orateurs et modérateurs listés) paient leur inscription. Il en a toujours été ainsi leur des workshops précédents.