PROGRAMME

Thursday 22 October

7:30 – 8:15  Registration

8:15 – 8:30  Introduction and welcome
Chair: **Israel Fernández** (Barcelona, Spain), **Jordi Jiménez** (Barcelona, Spain) and **Christopher Anderson** (Boston, USA)

ISGC Chair’s opening, **Jane Maguire** (Newcastle, Australia) and **Daniel Woo** (Cincinnati, USA)

8:30 – 9:15  Outcome Panel
Chair: **Arne Lindgren** (Lund, Sweden)

**Arne Lindgren** (Lund, Sweden). Update on the GISCOME project
**Israel Fernández** (Barcelona, Spain). Update Acute endophenotypes group
**Michèle M. Sale** (Charlottesville, USA) Elevated von Willebrand Factor (vWF) levels and genetic determinants of vWF levels are associated with recurrent stroke risk in the Vitamin Intervention for Stroke Prevention (VISP) trial

9:15 - 10:00  CHARGE session
Chair: **Stéphanie Debette** (Bordeaux, France)

**Ganesh Chauhan** (Bordeaux, France) / **Stéphanie Debette** (Bordeaux, France). Vascular genetic risk score and risk of dementia / dementia-endophenotypes
**Ganesh Chauhan** (Bordeaux, France) Genetic risk score of vascular risk factors and vascular comorbidities in association with MRI defined brain infarcts
**Myriam Fornage** (Houston, USA) / **Stéphanie Debette** (Bordeaux, France) Update and plans of WES projects on MRI-markers of cerebrovascular disease

10:00 – 10:30  Break

10:30 – 11:00  Special session
Chair: **Israel Fernández** (Barcelona, Spain)

**Manel Esteller** (Barcelona, Spain) Epigenetics in Health and Disease: Examples in Cardiovascular Disorders
11:00 – 11:30  Epigenetics session

Chair: Myriam Fornage (Houston, USA)

Carolina Soriano (Barcelona, Spain) DNA methylation and mean glycemia levels in stroke patients
Myriam Fornage (Houston, USA) White Matter Hyperintensities and the Epigenetic Clock

11:30 – 12:00  Exome sequencing session

Chair: Carlos Cruchaga (St. Louise, USA)

Martin Söderholm (Lund, Sweden) Exome array analysis of ischemic stroke in a South Swedish population
Guillaume Pare (Hamilton, Canada) Exome analysis of NOTCH3 gene

12:00 – 12:40  Outreach Committee

Chair: Jennifer Majersik (Salt Lake City, USA)

Jennifer Majersik (Salt Lake City, USA) Update of the Outreach committee
Thomas Leung (Hong Kong) The ethnic disparity and phenotype of intracranial atherosclerosis
Ryan Irvin (Birmingham, USA) SIREN: defining the genetic architecture of stroke in people of black ancestry
Tom Van Agtmael (Glasgow, UK) From mouse model to risk factor for common disease: mechanisms of Col4a1 and intracerebral haemorrhage

12:40 – 13:40  Lunch

13:40 – 14:20  Short talks session

Chair: Bradford Worrall (Charlottesville, USA)

Paul Nyquist (Baltimore, USA) Haptoglobin in hemorrhagic stroke
Paul Nyquist (Baltimore, USA) Microarray analysis on mononuclear cells in patients with asymptomatic WMH
Lawrence Wee Jin Kiat (Singapore) Machine Learning for GWAS
Iscia Lopes-Cendes (Campinas, Brazil) Role of CNVs in patients with hemorrhagic stroke
14:20 – 15:00  Imaging
Chair: Natalia Rost (Boston, USA)

Natalia Rost (Boston, USA) Update on the ISGC Imaging Working Group
Polina Golland (Cambridge, USA) Quantification of WMH as a phenotype of cerebrovascular health
Anne-Katrin Giese (Boston, USA) Genetics of MRI-based traits in patients with ischemic stroke: the MRI-GENIE study

15:00– 15:30 Special session
Chair: Jordi Jiménez (Barcelona, Spain)

Roderic Guigó (Barcelona, Spain) The GTEx project: transcriptome variation across tissues and individuals

15:30 – 16:00 Break

16:00 – 16:45 Interactive session
Chair: Jane Maguire (Newcastle, Australia)

16:45 - 17:00 Transfer from WTC to Hotel Barcelona Universal (Sagrada Familia group)
17:30 – 18:00 Transfer from Hotel Barcelona Universal to Sagrada Familia (Sagrada Familia group)
18:00 – 19:15 Visit to Sagrada Familia (prior registration required, subject to availability)
19:30 – 20:00 Transfer from Sagrada Familia to Casa Fuster
20:30 – 23:00 Official dinner at Casa Fuster (prior registration required)
23:00 – 23:15 Transfer to Hotel Barcelona Universal
18th Workshop of the International Stroke Genetics Consortium  
Barcelona, 22 - 23 October 2015

Friday 23 October

09:00 – 09:15  Registration

09:15 – 09:30  Housekeeping announcements  
Chairs: Israel Fernández (Barcelona, Spain), Jordi Jiménez (Barcelona, Spain), Christopher Anderson (Boston, USA)

09:30 – 10:00  Special session  
Chair: Israel Fernández (Barcelona, Spain)  
Joan Montaner (Barcelona, Spain) Biomarkers for stroke

10:00 – 10:30  Pharmacogenetics and Biomarkers  
Guillaume Pare (Hamilton, Canada)  
Caty Carrera (Barcelona, Spain) Update of Meta-GWAs of Hemorrhagic Transformation after tPA.  
John Attia (Newcastle, Australia)/Jane Maguire (Newcastle, Australia) TOTO project update  
Shahbaz Zamani (Newcastle, Australia) Prognostic miRNA biomarkers of ischemic stroke

10:30 – 11:00  Special session  
Chair: Jordi Jiménez (Barcelona, Spain)  
Luis Alberto Perez Jurado (Barcelona, Spain) Germline and acquired structural variation of the human genome in health and disease

11:00 – 11:30  Break

11:30 – 12:15  Consortium session. Examples in other endophenotypes or diseases  
Chair: Daniel Woo (Cincinnati, USA)  
Ynte Ruigrok (Utrecht, Netherland) / Philippe Bijlenga (Geneva, Switzerland) ISGC Intracranial Aneurysm genetics working group. AneuryszDataBase : Infrastructure  
Teresa Garcia Berrocoso (Barcelona, Spain) Stroke Biomarkers Consortium  
Manel Comabella (Barcelona, Spain) International Multiple Sclerosis Genetics Consortium

12:15 – 13:00  R24 project  
Chair: Jonathan Rosand (Boston, USA)  
Jonathan Rosand (Boston, USA) R24 project update
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13:00 – 14:00  Lunch

14:00 – 15:00  Mega Meta-analysis session
Chair: Rainer Malik (Munich, Germany)

Martin Dichgans (Munich, Germany) Megastroke project: Concept and Current State of the Project
Rainer Malik (Munich, Germany) Megastroke project: Analysis Plan
Jonathan Rosand (Boston, USA) Brainstorm project
Matthew Traylor (Cambridge, UK) Early-onset stroke project

15:00 – 15:30  Special session
Chair: Israel Fernández (Barcelona, Spain)

Jorge Ferrer (Barcelona, Spain) Non-coding genome function and diabetes

15:30 – 16:00  Translation Panel
Chair: Christopher Anderson (Boston, USA)

Christopher Anderson (Boston, USA) APOE genotype-dependent variation in longitudinal lipid profiles before and after ICH
Kathy Rexrode (Jamaica Plain MA, USA) Metabolomics of CHD in Women

16:00 – 16:45  Administrative Session
Chairs: Jane Maguire (Newcastle, Australia) and Daniel Woo (Cincinnati, USA)

16:45 – 17:00  Meeting close and invitation to Boston

17:30 – 19:00  Working beer

20:30 – 23:00  Dinner at Museu d’Història 1881 (prior registration required)

23:00 – 23:15  Transfer to Hotel Barcelona Universal

Saturday 24 October

09:30 – 10:00  Transfer Hotel Barcelona Universal to Port Forum

10:00 – 13:00  Sailing on yacht Alieva (prior registration required)

13:00 – 13:30  Transfer to Hotel Barcelona Universal
VENUE

WORLD TRADE CENTER
"Port Vell" Room
Moll de Barcelona, s/n
08039 Barcelona

REGISTRATION FEES (euro)

<table>
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<tr>
<th>Registration</th>
<th>Amount</th>
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<tr>
<td>REGISTRATION</td>
<td>190€</td>
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<tr>
<td>SOCIAL PROGRAMME 22 October 2015 (dinner at Casa Fuster)</td>
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<tr>
<td>SOCIAL PROGRAMME 23 October 2015 (Barceloneta and dinner at Restaurant 1881)</td>
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<td>SOCIAL PROGRAMME 24 October 2015 (Alieva Yachting, transfer and cocktail)</td>
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The conference registration includes documentation, coffee break and lunch. VAT included.

Payment will be done through wire transfer to the bank account number

BANK: CAIXABANK
IBAN: ES92 2100 0781 4202 00187832
SWIFT: CAIXESBBXXX
ADDRESS: VIA AUGUSTA 236
CITY/COUNTRY: 08021 BARCELONA (SPAIN)
ISSUE: Name of the delegate + STROKE BARCELONA

Payment by credit card please contact info@suportserveis.com

Registration and payment deadline 9 October 2015
Hotel Barcelona Universal 4* Official hotel
Room: Double or double single use
160€/night (breakfast and VAT included)

In order to make your hotel reservation please contact by email
bcnuniversal@nnhotels.es or phone (+34) 935 677 447
Booking reference: StrokeBarcelona

Deadline
Reservations must be made before October, 7 to guarantee convention rates. After that date, room blocks will be released and rooms and rates will be based on availability. All changes, cancellations, and inquiries should be made directly with the hotel.

HOTEL BARCELONA UNIVERSAL
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