



Translational Research Working Group

International Stroke Genetics Consortium



Motivation

1. Translational research emerged as a topic of interest in previous ISGC workshops
1. Increasing interest in developing systematic approaches to translate genetic findings into clinical tools
2. These approaches may vary by research topic



Mission

1. Cultivate member skills and interests in translational genetic research
2. Foster collaboration from member groups throughout the ISGC
3. Act as a resource within the ISGC for study design and grant opportunities that harness translational methods



Composition (join us!)

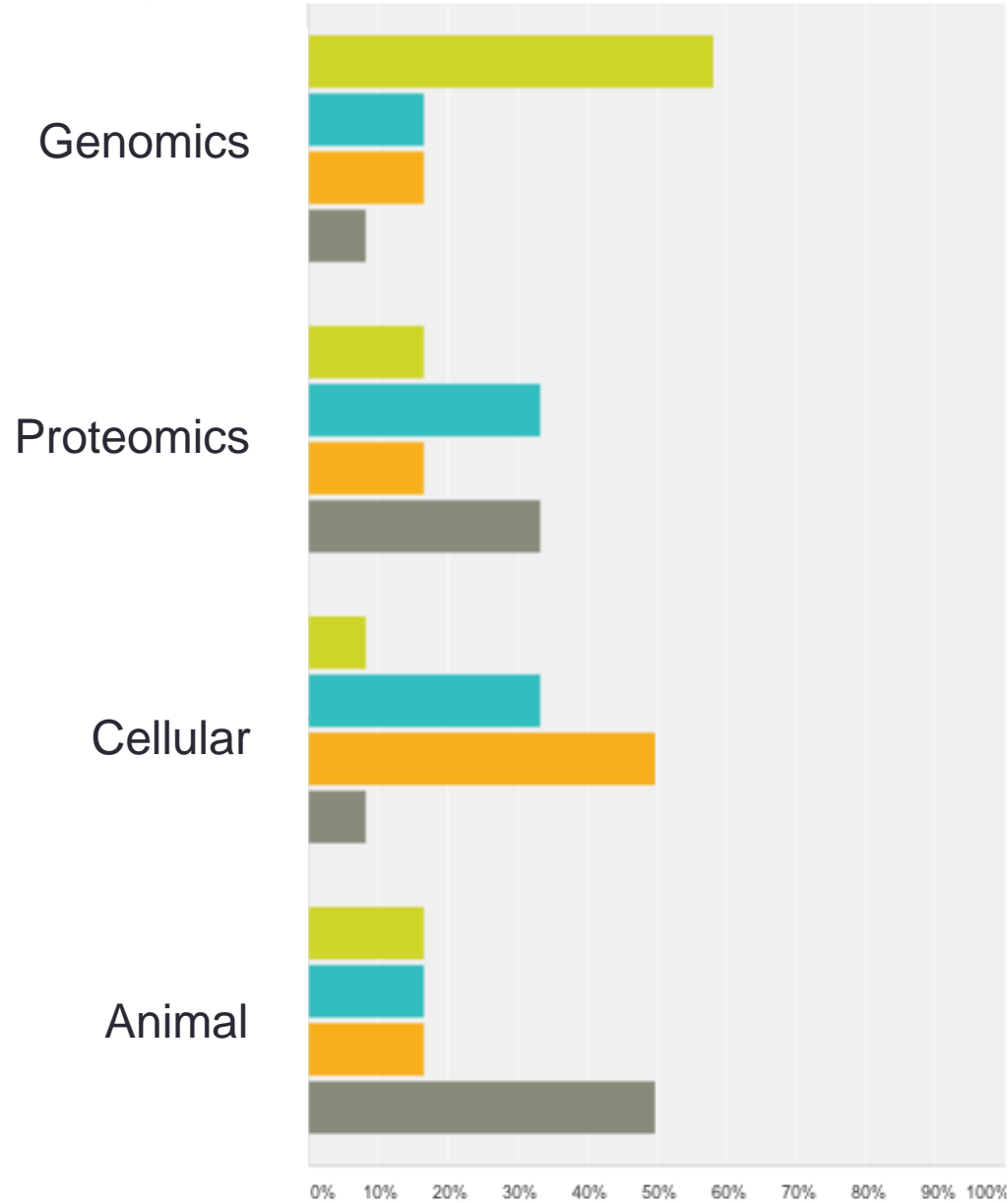
- Chris Anderson (chair)
- Michael James (co-chair)
- Steve Bevan
- Jonathan Golledge
- Paul Nyquist
- Rainer Malik
- Israel Fernandez
- Jane Maguire
- Graeme Hankey
- Andrew Southerland
- Stephen Williams
- Pablo Moscato
- Jin-Moo Lee
- Kevin Sheth
- Ganesh Chauhan
- Stephanie Debette
- Tatjana Rundek
- Guillaume Pare
- Steve Lubitz
- Mariya Gonik
- Guido Falcone
- Farid Radmanesh



Survey

Please rank your interests in the following research modalities:

- 1) Genomics
- 2) Proteomics
- 3) Cellular modeling / Tissue culture
- 4) Animal modeling



Research Preference:





Toolbox

Genetics, genomics, proteomics, risk factors, prognostic modeling, inflammation, glial activation, macrophage recruitment, sex differences, cerebral edema, blood brain barrier, white matter, cells, mice, zebrafish, sequencing, translation, epigenetics, iPSC, RNA expression, protein expression, molecular assays, pharmacogenomics, alternative splicing, bioinformatics, big data, splicing, knock-in, knock-out, tissue culture, viral transfection



Brainstorming

- Ideas for interaction with the ISGC at large
- Ideas for communication of new concepts
- Ideas for stimulation of new collaborations
- Ideas for ...
- Contact: cdanderson@mgh.harvard.edu