5th International Symposium on ARSACS

Wednesday, Oct 31st
Jeanne Timmins Amphithéâtre, Montreal Neurological Institute and Hospital

5th International Symposium on ARSACS meets PREPARE

1.45 – 2.00 PM  Introduction
B. Brais

2.00 – 2.30 PM  ARSACS in Turkey: novel patients, genotypes and phenotypes
N. Basak

2.30 – 3.00 PM  Preparing treatment trials in ARSACS: trial-relevant clinical outcome measures, natural history and sample size calculations
C. Gagnon

3.00 – 3.30 PM  Cell-based and fluid biomarkers in ARSACS: which might become trial-relevant?
F. Santorelli

3.30 – 3.45 PM  Identifying MRI and fluid biomarkers in ARSACS: an embarking multicenter study
M. Synofzik

3.45 – 4.30 PM  Searching for drugs and planning for preclinical trials
B. Brais

4.30 – 5.30 PM  Videotaping of short talks for the Ataxia de Charlevoix-Saguenay Foundation, open to the general public (Board Room, NW 201)
Speakers will be given a specific time

5.30 PM  ARSACS Meeting – Cocktail and Dinner
ARSACS Dinner
Ferreira Restaurant, 1448 Peel Street – Private Entrance H3A 1S8

For all ARSACS and PREPARE PIs
(Other PREPARE members can register and participate at their own cost)
**Thursday, Nov 1st**  
*De Grandpré Communications Centre, Montreal Neurological Institute and Hospital*

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<tr>
<th>Time</th>
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<th>Presenter/Details</th>
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| 8.30 – 9.25 AM  | Videotaping of short talks for the Ataxia de Charlevoix-Saguenay Foundation (open to the general public)  
*Jacques Bougie Board Room, NW 201*  
*Speakers will be given a specific time* |  

| 9.30 – 12.30 AM | What's new on Sacsin?  
* Moderator: Kalle Gerhing, McGill University* |  

| 9.30 – 10.00 AM | Cytoskeletal dynamics and cell migration in Sacsin deficient cells  
*Paul Chapple, Queen Mary University of London* |  

| 10.00 – 10.30 AM | Sacsin, mutated in the ataxia ARSACS, regulates intermediate filament assembly and dynamics  
*Benoit Gentil, McGill University* |  

| 10.30 – 11.45 AM | Coffee Break |  

| 11.45 – 12.15 PM | Sacsin function in cytoskeletal dynamics and organelle transport  
*Vincent Gerard, McGill University* |  

| 12.15 – 12.45 PM | Unravelling co-translational quality control of mutant Sacsin in ARSACS pathogenesis  
*Fabiana Longo, Università Vita-Salute San Raffaele, Italy* |  

| 12.45 – 1.30 PM | Lunch  
*Helen Penfield Atrium* |  

| 1.30 – 1.40 PM | Group photo  
*Helen Penfield Atrium* |  

| 1.40 – 4.30 PM | Finding compounds and targets to treat ARSACS  
*Moderator: Paul Chapple, Queen Mary University of London* |  

| 1.40 – 2.10 PM | Sacsin function in health and disease  
*Roxanne Larivi ère, McGill University* |
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<tr>
<th>Time</th>
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<td>2.10 – 2.40 PM</td>
<td>Altered synaptic and firing properties of cerebellar Purkinje cells in a mouse model of ARSACS</td>
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<td><strong>Alanna Watt and Anne McKinney, McGill University</strong></td>
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<td>2.40 – 3.10</td>
<td>Structural and functional studies of Sacsin</td>
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<td><strong>Hamed Hojjat, McGill University</strong></td>
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<td>3.10 – 3.30 PM</td>
<td><em>Coffee Break</em></td>
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<td>3.30 – 4.00 PM</td>
<td>Ceftriaxone treatment improves motor performances and delays Purkinje cell degeneration in the ARSACS mouse model</td>
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<td><strong>Francesca Maltecca, Università Vita-Salute San Raffaele, Italy</strong></td>
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<td>4.00 – 4.30 PM</td>
<td>Genome-wide screening for SACS genetic interactions using CRISPR-Cas9 in human cell lines</td>
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<td><strong>Ramy Malty, University of Regina</strong></td>
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<td>4.30 – 5.00 PM</td>
<td>High Throughput Screen (HTS) using a Fibroblast cytoskeletal bundling assay</td>
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<td><strong>Nicolas Sgarioto, McGill University</strong></td>
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<td>5.00 – 5.15 PM</td>
<td><em>Wrap-up</em></td>
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<td><strong>Bernard Brais, McGill University</strong></td>
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