

22 APRIL WEDNESDAY

16.00 -18.00 POSTERIOR FOSSA SOCIETY – BOARD MEMBER MEETING / SPECIAL INTEREST GROUP MEETING

19.00- BOARD MEMBER DINNER - RESTAURANT PORTSIDE, Comwell Hotel

23 April THURSDAY

08.00 - 09.00 REGISTRATION AND COFFEE

09.00 -09.15 **Welcome and introduction to the meeting**

Sharyl Samargia-Grivette, University of Minnesota Duluth, USA, René Mathiasen, Rigshospitalet, DK & Jonathan K. Grønbaek, Rigshospitalet, DK

09.15 -10.45 **Lived experience**

Chaired by: Astrid Sehested, Rigshospitalet, DK & Kristin Szymanek, St. Jude Children's Research Hospital, USA

10.45 -11.30 **Understanding the impact(s) of cerebellar disruption: From maps to mechanisms**

KEYNOTE: Catherine Stoodley, Children's National Medical Center, USA

11.30 -12.30 LUNCH, POSTER WALK AND GROUP PHOTO

RADIOLOGY AND NEUROSCIENCE SESSION/BIOLOGY

Chaired by: Jonathan Carlsen & Stuart McFee

12.30 -12.40 **Chair's introduction:**

Jonathan Carlsen, Rigshospitalet, DK

12.40 -13.10 **fMRI and MT Imaging reveal how cerebellar efferent injury defines and differentiates PFS**

Stuart McFee, St. Jude Children's Research Hospital, USA

13.10 -13.16 **Rapid Fire: Can differences in resting state EEG reflect serve as a neurophysiologic marker for CMS?**

Sharyl Samargia-Grivette, University of Minnesota Duluth, USA

13.17 -13.23 **Rapid Fire: Therapeutic potential of cerebellar stimulation after mild traumatic brain injury**

Detlef H. Heck, University of Minnesota Duluth, USA

13.24 -13.30 **Rapid Fire: The relationship between lesion location and motor and cognitive outcomes in pediatric cerebellar patients**

Rebecca Tegiacchi, American University & Children's National Hospital Washington, D.C., USA

13.30 -13.55 **Radiological research methods in Paediatric Cerebellar Mutism Syndrome**

Shivaram Avula, Alder Hey Children's NHS Foundation Trust, Liverpool, UK

13.55 -14.20 **Machine Learning–Driven Identification of MRI Biomarkers in Postoperative Cerebellar Mutism Syndrome**

Michaela Spiteri, Freelance AI consultant, UK

14.20 -14.50 **Discussion**

14.50 – 15.20 COFFEE BREAK

PROGRAMME CONTINUED

NEUROSURGERY SESSION

Chaired by: Marianne Juhler & Andrea Carai

- 15.20-15.30 **Chair's introduction:**
Marianne Juhler, Rigshospitalet, DK
- 15.30-16.00 **Neurosurgery WG recommendation paper**
Andrea Carai, Ospedale Pediatrico Bambino Gesù, IT
- 16.00-16.30 **Examining factors for surgical complications in post fossa surgery beyond POSI**
Conor Mallucci, Alder Hey Children's NHS Foundation Trust, UK
- 16.30-17.00 **Discussion**
- 18.00– SOCIAL EVENT & DINNER** Guided group activities before dinner
PICKUP 17.30 BY BUS FROM COMWELL TO EXPERIMENTARIUM. RETURN TO THE HOTEL AT 22.30

24 APRIL FRIDAY

08.00 - 08.15 COFFEE

SCORING, NOSOLOGY AND NEUROLOGY SESSION

Chaired by: Barry Pizer & Giles Robinson

- 08.15-08.25 **Chair's introduction: Nosology of Posterior Fossa Brain Injury – Any Progress?**
Barry Pizer, University of Liverpool, UK
- 08.25-08.31 **Rapid fire: Developing a novel tool for the diagnosis and monitoring of Posterior Fossa Syndrome**
Vicky King, Addenbrooke's Hospital, Cambridge, UK
- 08.31-08.37 **Rapid fire: The Cerebellar Neuropsychiatric Rating Scale Version 2: Development and Validation**
Jeremy D Schmahmann, Massachusetts General Hospital, USA
- 08.37-08.43 **Rapid fire: The International Survey on Perioperative Evaluation in Children with posterior fossa Tumours (InSPECT): A multidisciplinary overview of current assessment practices**
Cheyenne Svaldi, University of Groningen, University College London, UK
- 08.43-08.49 **Rapid fire: Revision of the Posterior Fossa Syndrome Questionnaire (PFS-Q) using Data Informed Decision Making**
Darcy Raches, St. Jude Children's Research Hospital, USA
- 08.50-09.20 **Core issues and key choices for CMS/PFS scoring systems**
Andrew Lux, Bristol Royal Hospital for Children, UK
- 09.20-09.50 **Discussion, chair Giles Robinson, St. Jude Children's Research Hospital, USA**
- 09.50-10.20 **COFFEE BREAK**

PROGRAMME CONTINUED

TREATMENT OPTIONS AND BIOLOGY

Chaired by: Jason Gill & Alvaro Lasaletta

- 10.20 -10.30 **Chair's introduction: Treatment Options and Biology**
Jason Gill, Baylor College of Medicine, Texas Children's Hospital, USA
- 10.30 -11.15 **Repetitive Transcranial Magnetic Stimulation in Pediatric Neuro-Oncology Rehabilitation**
KEYNOTE: *Manuel Lujan, Hospital Infantil Universitario Niño Jesús, ES*
- 11.15 -11.40 **Pharmacological interventions for cognitive recovery and brain repair: implications for PFS**
Donald J. Mabbott, The Hospital for Sick Children, Toronto, Ontario, CA
- 11.40 -12.05 **ZolPFS - RCT with Zolpidem as a pharmacological intervention in PFS**
Jonathan Grønbaek, Rigshospitalet, DK, René Mathiasen, Rigshospitalet, DK, Alvaro Lassaletta, Hospital Universitario Niño Jesús, ES
- 12.05 -12.30 **Update on FASTigial study Findings Anatomical SubStrates of neuropsychological outcome after posterior fossa tumor surgery**
Iris Obeijn, Princess Maxima Center for Pediatric Oncology, NL
- 12.30 -13.00 **Discussion**

13.00 - 13.45 LUNCH & POSTER WALK

REHABILITATION AND SPEECH AND LANGUAGE THERAPY

Chaired by: Sharyl Samargia-Grivette & Vania de Aguiar

- 13.45 -13.55 **Chair's introduction:**
Sharyl Samargia-Grivette, University of Minnesota Duluth, USA
- 13.55 -14.01 **Rapid fire: Capturing Complexity: Methodological Rigor and Inclusive Sampling in Auditory-Perceptual Analysis**
Annesofie Ishøy Nielsen, University of Copenhagen, DK
- 14.01-14.07 **Rapid fire: What does an enriched environment look like for children with Posterior Fossa Syndrome, why is it important, and how to optimise and enrich a clinical environment**
Becca Tapley, Brainbow, Cambridge University Hospitals NHS Foundation Trust, UK
- 14.07-14.13 **Rapid fire: Posterior fossa syndrome: Practice patterns and experiences of pediatric rehabilitation medicine physicians in US**
Kelli Chaviano & Vera Tsetlina University of Alabama at Birmingham, Children's of Alabama, Birmingham, Alabama, USA
- 14.13-14.19 **Rapid fire: Clinical characterization of impaired language and fine motor trajectories following pediatric posterior fossa tumor treatment: a latent growth curve analysis**
Elien Rosquin, KU Leuven, Leuven, Belgium
- 14.19-14.25 **Rapid fire: Domain-Specific Neuropsychological Outcomes After Proton vs Photon Radiotherapy in Pediatric CNS Tumor Survivors**
Borja Esteso-Orduña, Hospital Infantil Universitario Niño Jesús, Madrid, Spain

PROGRAMME CONTINUED

- 14.20 -14.40 **Preoperative speech and language in relation to postoperative mutism and reduced speech**
Vânia de Aguiar, University of Groningen, NL
- 14.40 -15.00 **Language and speech in children after posterior fossa surgery: Developmental perspectives**
Ditte Boeg Thomsen, University of Copenhagen, DK
- 15.00 -15.30 **Discussion**

15.30-15.45 COFFEE BREAK

EDUCATION AND ADVOCACY

Chaired by: Nathan Rosenberg and Heather Conklin

- 15.45 -15.55 **Chair's introduction: Time in PFS Rehabilitation: Considerations of optimal timing and time toxicity**
Nathan Rosenberg, Nationwide Children's Hospital, USA
- 15.55 -16.15 **PREFER survey: Parent Reported Experience with Posterior Fossa Surgery Effects and Recovery at St. Jude**
Stuart McAfee, St. Jude Children's Research Hospital, USA
- 16.15 -16.35 **Barriers and Opportunities in Providing Patient-Centered Care for Children Diagnosed with Posterior Fossa Syndrome: Through the St. Jude Lens**
Heather Conklin, St. Jude Children's Research Hospital, USA
- 16.35 -16.55 **Identifying educational gaps, communication challenges, and opportunities for improvement: the neuro-oncologist perspective**
Angela Mastronuzzi, Ospedale Pediatrico Bambino Gesù, IT
- 16.55 -17.25 **Discussion**
- 17.25- **Round off discussion and closing remarks**
Jonathan Grønbaek, René Mathiasen, Astrid Sehested, Rigshospitalet, DK