

Provisional SRHSB 2023 Conference Meeting Program



Society for Research into Hydrocephalus and Spina Bifida Stirling 2023



Day 1: Thursday, July 6th 2023

Time	Topic	Speaker
10:00-10:30	Coffee/Registration	
10:30-10:45	SRHSB President's Welcome	<i>Dr Jaleel Miyan (University of Manchester, UK)</i>
10:45-13:00	Session 1: A Tribute to Professor Hazel C. Jones and Experimental Hydrocephalus <i>Chair: Professors Pat McAllister and Conrad Johanson</i>	
10:45-10:55	Introduction to Hazel	<i>Professors Pat McAllister and Conrad Johanson</i>
10:55-11:35	Keynote Speaker 1: The Hydrocephalic Texas (H-Tx) Rat	<i>Professor Hazel Jones (KCL, London, UK)</i>
11:35-11:45	Session Discussion 1	
11:45-12:20	Keynote Speaker 2: What Can Be Learned From Hydrocephalus Induction Failures?	<i>Professor Pat McAllister (Washington University, USA)</i>
12:20-12:30	Session Discussion 2	

12:30-12:45	Abstract Presentation #1: Modulation of TLR-calpain pathway may prevent acquired hydrocephalus	<i>Dr Leandro Castaneyra-Ruiz (CHOC Children's Research Institute, USA)</i>
12:45-13:00	Abstract Presentation #2: Choroid plexus genome manipulation by intracerebroventricular injection of AAV carrying CRISPR/Cas9	<i>Dr John Pooley (University of Bristol, UK)</i>
13:00-14:00	Lunch	
14:00-16:30	Session 2: Scientific Session <i>Chair: Dr Jo Glazier</i>	
14:00-14:40	Keynote Speaker 3: SRHSB Norman Guthkelch 2023 Award Plenary Talk: Cerebrospinal fluid-based extracellular vesicle signaling and related T-cell activation mediate the pathogenesis of posthemorrhagic hydrocephalus	<i>Dr Maria Garcia-Bonilla (Washington University, USA)</i>
14:40-14:55	Abstract Presentation #3: Testing exosomes as a treatment for posthemorrhagic hydrocephalus	<i>Mr Javier Lopez-de San Sebastian (University of Malaga, Spain)</i>
14:55-15:10	Abstract Presentation #4: Exploring the clinical and host biological phenotype of hydrocephalus patients who develop CSF shunt infection	<i>Mr Geraint Sunderland (Alder Hey Children's NHS Foundation Trust, Liverpool, UK)</i>
15:10-15:25	Abstract Presentation #5: Folic Acid: A Review On Its Social and Biological Importance	<i>Miss Prisha Sharma (University of Manchester, UK)</i>
15:25-16:00	Coffee with Poster Viewing	
15:25-16:00	Poster 1: IHC, hydrocephalus and hydromyelia are compartment syndromes Poster 2: Long-term care in older person suspected of iNPH	<i>Dr Helen Williams (London, UK)</i> <i>Dr Eric Schmidt (University Hospital Toulouse, France)</i>
16:00-16:15	Poster Discussions	
16:15-16:30	Advanced Welcome to SRHSB 2024 Conference	<i>Dr Jaleel Miyan</i>
19:00-21:00	Dinner	

Day 2: Friday, July 7th 2023		
8:00-9:00	Breakfast	
9:00-10:30	Session 3: Cerebrospinal Fluid <i>Chair: Dr Jaleel Miyan</i>	
9:00-9:30	Keynote Speaker 4: Clinical experiments of nature and CSF bulk flow	<i>Prof John Pickard</i> <i>(University of Cambridge, UK)</i>
9:30-10:15	Keynote Speaker 5: Choroid Plexus - CSF and Hydrocephalus	<i>Prof Conrad Johanson</i> <i>(Brown University, USA)</i>
10:15-10:30	Session Discussion	
10:30-11:00	Coffee	
11:00-13:00	Session 4: Spina Bifida <i>Chair: Mr Ian Pople</i>	
11:00-11:45	Keynote Speaker 6: Management of Incontinence in Spina Bifida: State of the Art - A Global Perspective	<i>Dr Santosh Karmarkar</i> <i>(Mumbai, India)</i>
11:45-12:00	Abstract Presentation #6: The only National Adult Spina Bifida and Hydrocephalus Clinic in the UK	<i>Romilly Hayward and Niamh Heneghan</i> <i>(Imperial College London, UK)</i>
12:00-12:15	Abstract Presentation #7: Urinary Incontinence Health-Related Quality of Life in Children with Spina Bifida: Preoperative versus Postoperative Assessment after Continence Surgery	<i>Sneha Sawant</i> <i>(Spina Bifida Foundation, Mumbai, India)</i>
12:15-12:30	Abstract Presentation #8: Occupation-Based Telerehabilitation Intervention for Adolescents with Myelomeningocele: A Pilot Study	<i>Dr Yafit Gilboa</i> <i>(The Hebrew University of Jerusalem, Israel)</i>
12:30-12:45	Abstract Presentation #9: Assessment of Nutritional Status and Psychological Status of Individuals with Spina Bifida in India	<i>Sneha Sawant</i> <i>(Spina Bifida Foundation, Mumbai, India)</i>
12:45-13:45	Lunch	

13:45-15:45	Session 5: Hydrocephalus Chair: Mr Will Singleton	
13:45-14:30	Keynote Speaker 7: Endoscopy versus Shunt for Infant Hydrocephalus	<i>Professor Abhaya Kulkarni</i> <i>(Toronto, Canada)</i>
14:30-14:45	Abstract Presentation #10: Factors affecting VP Shunt Survival: Lessons from the BASICS trial	<i>Mr Geraint Sunderland</i> <i>(Alder Hey Children's NHS Foundation Trust, Liverpool, UK)</i>
14:45-15:00	Abstract Presentation #11: Long-term Outcomes of Normal Pressure Hydrocephalus Patients with CSF Shunt: A Systematic Literature Review and Meta-analysis	<i>Miss Kim Wouters</i> <i>(Jessa Hospital, Belgium)</i>
15:00-15:15	Abstract Presentation #12: Visualising DTI Morphology of Patients with Normal Pressure Hydrocephalus, Alzheimer's Disease and Controls	<i>Dr Emma Toh</i> <i>(National University of Singapore)</i>
15:15-15:30	Abstract Presentation #13: Cerebral Blood Flow and Autoregulation in Normal Pressure Hydrocephalus – A Systematic Review	<i>Dr Afroditi Lalou</i> <i>(University of Cambridge, UK)</i>
15:30-15:45	Abstract Presentation #14: A New Taxonomy of Hydrocephalus Based on Intracranial Thermodynamics	<i>Dr Michael Egnor</i> <i>(Stony Brook University Hospital, USA)</i>
15:45-16:15	Coffee	
16:15-17:15	Session 6: Perspectives and Treatments Chair: Dr Emer Campbell	
16:15-16:55	Keynote Speaker 8: History of Spina Bifida and Hydrocephalus from a Paediatric Surgery Perspective	<i>Professor Robert Carachi</i> <i>(Glasgow, Scotland)</i>
16:55-17:15	SRHSB/IntegraTravel Fellowship 2022 Award Update: The Impact of Colonialism on Surgical Training Structures in Africa	<i>Dr Andrea Klein</i> <i>(George Washington University, USA)</i>
18:45	Buses leave for Burrell Collection	
20:00-23:00	Burrell Collection Tour and Society Dinner	

Day 3: Saturday, July 8 th 2023		
8:30-9:30	Breakfast	
9:30-11:30	Session 7: Innovations and Healthcare <i>Chair: Professor John Pickard</i>	
9:30-10:00	Keynote Speaker 9: Digital Innovation in Health and Wellbeing for Patients with Spina Bifida/Hydrocephalus	<i>Sharon Levy</i> <i>(University of Edinburgh, Scotland)</i>
10:00-11:15	An Interactive Worksop: Personas, Wellness and Algorithms <i>Working in teams, participants will be (re)introduced to our fictional service users they met on Thursday: Paul, Sara, Thomas & Sam. Each character will share their unique experience, some of the challenges they face and the strength they each have to help them cope, manage their condition or even thrive. Using specific artefacts and through a facilitated discussion, each team will assign an overall wellness score for their Persona and share their rationale for it</i>	<i>Multiple participants</i>
11:15-11:30	Keynote Speaker 10: Data-Driven Innovation and the Wellmometer grid <i>MyCarepod App and the vision for digitising and using data to support users across Scotland</i>	<i>Andy Wynd</i> <i>(SBH, Scotland)</i>
11:30-11:45	Coffee	
11:45	Conference Close	
11:45-12:45	SRHSB Executive Committee Meeting	<i>SRHSB Executive Committee Members Only</i>