

# 8th Postgraduate Course on Childhood Craniopharyngioma



## Wednesday, June 11th

6:00pm	Welcome Reception at the Faculty Club, Benson Hotel
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## Thursday, June 12th at The Benson Hotel

7:30-8:00am	Breakfast
8:00-8:05am	Introduction and Welcome - Todd C. Hankinson
8:10-8:25am	The Postgraduate Course in Childhood Craniopharyngioma - Hermann Müller
8:30-8:35am	Introduction of Interactive Project: "Tracking Eye Gaze Patterns to Model Hypothalamic Involvement by ACP" - Eric Prince

## Current Clinical Care of Childhood ACP

8:35-8:50am	Histological Features of ACP - Angus Toland
8:55-9:10am	Clinical Imaging of Childhood ACP - David Mirsky
9:15-9:25am	Questions and Discussion

## Surgical Strategies for Children with ACP

9:25-9:40am	A Reappraisal of an Algorithm for Surgical Resection-What Is a Puget Grade 2 - Jeff Wisoff
9:45-10:00am	Surgical Innovations and Hypothalamic Functional Preservation Strategies - Lei Cao
10:00-10:15am	Break
10:15-10:30am	Endoscopic Endonasal Cyst Fenestration and Marsupialization in the Treatment of Cystic Adamantinomatous Craniopharyngioma - Jay Storm
10:35-10:50am	Endoscopic Transnasal Surgery for Craniopharyngiomas: A Single Team Experience of 1028 Patients - Songbai Gui
10:50-10:55am	Questions and Discussion
10:55-11:10am	Organoid Model of Childhood ACP - Laurens Verweij* (Virtual Presentation)
11:15-11:30am	Radiation for Craniopharyngioma: The Toronto Experience - Derek Tsang
11:35-11:50am	Oncological Care for Children with ACP - John Apps
11:55am-12:10pm	Endocrine Care for Children with ACP - Christina Chambers
12:15-12:30pm	Ophthalmological Care for Children with ACP - Emily McCourt
12:30-1:15pm	Lunch Break

## Current Clinical Research in ACP

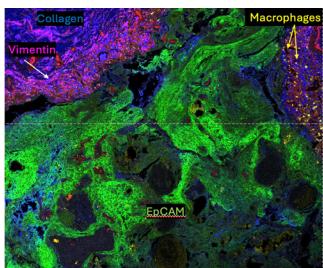
1:15-1:25pm	CONNECT Consortium - Holly Lindsay
1:30-1:40pm	PNOC/CBTN - Cassie Kline
1:45-1:55pm	ATPC - Todd Hankinson

Clinical Studies Regarding Hypothalamic Function	
2:00-2:15pm	Hypothalamic Syndrome after ACP Diagnosis: It's More Than Obesity – Sanne Hulsman*
2:20-2:35pm	Cognitive Function and Eating Behaviors in Youth with Craniopharyngioma – Ally Shapiro/Bailey Tanner*
2:40-2:55pm	Conducting Patient-Centered Research Using the Hypothalamic-Pituitary Brain Tumors Patient Registry – Nathalie Kayadjianian
3:00-3:15pm	Setmelanotide for Acquired Hypothalamic Obesity – Megan Kelsey
3:15-3:25pm	Questions and Discussion
3:25-3:35pm	Break

Basic Research in ACP	
<b>In vitro models</b>	
3:35-3:50pm	Culture Models of ACP – Siddhartha Mitra
3:55-4:10pm	Extracellular Matrix Features of ACP – Timothy H Chang*
<b>In vivo models</b>	
4:15-4:30pm	Genetically-Engineered Mouse Models of ACP – JP Martinez-Barbera
<b>Artificial Intelligence Applications in ACP Research</b>	
4:35-4:50pm	User Centered Artificial Intelligence to Support Diagnostic MRI Interpretation in Childhood Craniopharyngioma – Eric Prince*
4:50pm	Campus Tour (for those interested)

Friday, June 13th at The Benson Hotel	
7:30-8:00am	Breakfast
8:00-8:15am	Proton Radiotherapy for Children with Craniopharyngioma – Thomas Merchant
8:20-9:00am	Round Table Discussion
9:05-10:00am	<b>Group Breakouts</b> A. Preclinical Modeling – Mitra/Martinez-Barbera B. Translational Clinical Trial Strategies – Lindsay/Kayadjianian C. Clinical Practice Guidelines and Approaches – Müller
10:05-10:35am	<b>Summaries of Group Sessions</b> 10:05-10:15 Group A   10:15-10:25 Group B   10:25-10:35 Group C
10:35-10:50am	Break
10:50-11:00am	Results: "Tracking Eye Gaze Patterns to Model Hypothalamic Involvement by ACP"
11:05am-12:00pm	How do We Combine These Plans into a Cohesive Strategy? Assign Roles
12:00pm	Close

\*Young Researcher Presentation



### Interactive Project

Gaze-Based Artificial Intelligence for Imaging Diagnostics in Neuro-Oncology. All attendees are eligible and encouraged to participate.

**\$500 Prize** for the Winner

**\$250 Prize** for Second Place

**THE  
BRAIN  
TUMOUR  
CHARITY**