

Advances in the understanding and treatment of Non-adenomatous Pituitary Disease

Basel, Hotel Radisson Blu, 26-28 October 2023

Course description

Pituitary diseases do not only include pituitary adenomas, but also non-pituitary pathologies. Many of these rare diseases are challenging to diagnose and to treat but important advances have been made in the understanding and treatment of various of these diseases.

In this course, we will highlight and discuss diagnostic and therapeutic challenges in different pathologies, i.e.: craniopharyngeoma, hypophysitis and AVP deficiency. A debate about pros and cons of pituitary biopsy in patients with stalk lesions will complement symposia and lectures. Interactive workshops will take place about topics such as traumatic brain injury, infectious diseases of the pituitary and metastasis to the pituitary.

The course will be a unique opportunity for discussion and networking. It will capture a small group of world experts who will closely interact with participants for questions and answers. Participants are encouraged to apply with an abstract of an interesting case and to opportunity to give case presentations.

Learning objectives

- What is the aetiology and the current recommendations in the differential diagnosis of AVP-deficiency?
- Is Oxytocin deficiency a new pituitary entity?
- How to treat hypothalamic obesity?
- What is the differential diagnosis of hypophysitis?
- What are the genetics of craniopharyngeoma patients?
- How should craniopharyngeoma and Rathke Cleft Cysts be treated?
- When is it indicated to perform pituitary biopsy in patients with stalk lesions and what are the risks?
- What are the pituitary consequences of traumatic brain injury?
- How to handle metastases and infectious diseases of the pituitary?

Scientific Organising Committee

- Prof. Mirjam Christ-Crain - Div. of Endocrinology, Diabetes & Metabolism, Dept. of Internal Medicine and Department of Clinical Research, University Hospital, University of Basel
- Prof.dr. Vera Popovic-Brkic - Professor of Internal Medicine/Endocrinology, Medical Faculty, University of Belgrade, Serbia
- Prof. John Wass - Department of Endocrinology, University of Oxford

PROGRAMME

Day 1 – Thursday 26 October

Arrival of all delegates

Session 1: AVP deficiency: update and unanswered questions

Chair:

- 15:00 Start of the course – welcome and introduction (scientific organising committee)
- 15:20 Aetiology of AVP-deficiency, Chris Thompson, Dublin
- 15:40 Update on diagnosis of AVP-deficiency, Julie Refardt, Basel
- 16:00 Do patients with AVP deficiency also have oxytocin deficiency?, Mirjam Christ-Crain, Basel
- 16:20 Q&A – general discussion

16:50 COFFEE BREAK

- 17:20 Hypothalamic obesity, Sebastian Neggers, Rotterdam
- 17:40 Discussion
- 18:00 Case reports – participants and speakers

19:30 Dinner at the hotel

Day 2 – Friday 27 October

Session 2: hypophysitis

Chair :

- 08 :30 Autoimmune hypophysitis, Philippe Chanson, Paris
- 08:50 Immune check point inhibitor therapy -induced hypophysitis, Sabrina Chiloiro, Rome
- 09:10 Q&A – general discussion

Session 3: craniopharyngioma

Chair:

- 09:30 Genetics of craniopharyngioma, Carles Gaston-Massuet, London
- 09:50 Traditional/classical management of craniopharyngioma, Niki Karavitaki, Birmingham
- 10:10 Q&A – general discussion

10:30 COFFEE BREAK

- 11:00 New targeted therapies, Emmanuel Jouanneau, Lyon
- 11:20 Update on Rathke Cleft cyst – who do we operate? Jürgen Honegger, Tübingen
- 11:40 Q&A – general discussion
- 12:00 Participant’s case presentations

13:00 LUNCH

Session 4 – Workshops

50min interactive sessions run three times in a row; small groups; all participants attend each workshop.

14:30-17:30 Interactive workshops- case based overviews

- Metastasis to the pituitary - Christian Strasburger, Berlin
- Infectious disease of the pituitary - Vera Popovic, Belgrade
- Traumatic brain injury - Fahrettin Kelestimur, Istanbul

19:30 Dinner in Basel

Day 3 – Saturday 28 October

09:00-10:00 **Debate:** Stalking the diagnosis: is pituitary biopsy always necessary to confirm the diagnosis?

FOR: When to biopsy? John Newell Price, Sheffield

AGAINST: Risks of biopsy? Jürgen Honegger, Tübingen

10:00 COFFEE BREAK

10:30-12:00 Participants' case presentations

12:00 Lunch and departure