

2022 ESPE SCIENCE SYMPOSIUM

**HYPOTHALAMIC DYSFUNCTION IN CHILDHOOD; UNDERSTANDING ITS ETIOLOGY
AND DEVELOPING NEW WAYS TO IMPROVE OUTCOME OF CHILDREN WITH
GENETIC OR ACQUIRED CAUSES OF HYPOTHALAMIC DYSFUNCTION**

Friday October 7th :

9.00 AM Welcome

Symposium I. The hypothalamus ; an overview

Chairs : Dr HM van Santen and Prof H Mueller

9.05-9.50 Opening lecture:
The hypothalamus from an evolutionary point of view, Prof Dick Swaab, NL

9.50-10.00 Questions/ discussion

10.00-10.20 The hypothalamus , circadian regulation and age dependent effects of
lesioning, Dr I Machado, NL

10.20-10.30 Questions/ discussion

10.30-10.50 Appetite-regulating hormones in hypothalamic obesity, Dr Hoog-Wei Gan, UK

10.50-11.00 Questions/ discussion

11.00-11.30 Coffee break

Symposium II. Genetic Causes of hypothalamic dysfunction

Chairs: Dr B Bakker and Drs I van Roessel

11.30-11.50 Congenital Disorders of Hypothalamic Dysfunction associated with
Hypopituitarism. Prof Dr Mehul Dattani, UK

11.50-12.00 Questions/ discussion

12.00-12.20 Endocrine disorders in Prader-Willi syndrome: a model to understand and treat
hypothalamic dysfunction. M Tauber , France

12.20-12.30 Questions/ discussion

12.30-14.00 Lunch break

Symposium III. Acquired Causes of hypothalamic dysfunction

Chairs: Dr C Faria and Drs J van Schaik

- 14.00-14.20 Hypothalamic syndrome in craniopharyngioma, Prof dr H Mueller , Germany
- 14.20-14.30 Questions/ discussion
- 14.30-14.50 Hypothalamic dysfunction and hypothalamitis : A Novel Autoimmune Endocrine Disease ? F Kelestimur, Turkey
- 14.50-15.00 Questions/ discussion
- 15.00-15.30 *Tea break*

Symposium IV. Challenges in treatment of children with hypothalamic tumors

Chairs: Dr M Dattani and Dr N Schouten

- 15.30-15.50 How to identify the hypothalamus and its damage; state of the art upon imaging techniques. Dr M Lequin, The Netherlands
- 15.50-16.00 Questions/ discussion
- 16.00-16.20 Neurosurgical challenges in children with hypothalamic tumors , Prof Dr E Hoving, the Netherlands
- 16.20-16.30 Questions/ discussion
- 16.30-16.50 Radiation therapy and preserving hypothalamic function; Dr G Janssens, the Netherlands
- 16.50-17.00 Questions/ discussion
- 18.30 *Evening programme and dinner*

Saturday October 8th:

- 9.00 AM Welcome

Symposium V. Towards improving outcome of children with hypothalamic Dysfunction

Chairs: Dr HW Gan and Prof E Hoving

- 09.00-09.20 Hypothalamic dysfunction requires individualized treatment, Dr HM van Santen, the Netherlands
- 09.20-09.30 Questions/ discussion

- 09.30-09.50 Treatment of hypothalamic obesity (genetic or acquired), CLI, drugs or bariatric surgery? Dr E vd Akker, the Netherlands
- 09.50-10.00 Questions/ discussion
- 10.00-10.20 Neuro-psychological problems in children with hypothalamic dysfunction; How to assess and how to manage. Dr M Partanen, neuropsychologist, the Netherlands
- 10.20-10.30 Questions/ discussion
- 10.30-11.00 *Coffee break*

Symposium VI. Networking and registries for rare hypothalamic disease
Chairs : Dr HM van Santen and Dr G Janssens

- 11.00-11.20 ENDO-ERN; Rare Hypothalamic Disease.
Prof Nienke Biermasz, chair MTG6
- 11.20-11.30 Questions/ discussion
- 11.30-11.50 Hypothalamic dysfunction; What do the patients need?
J de Graaf , ePAG representative ENDO-ERN, MTG6
- 11.50-12.00 Questions/ discussion
- 12.00-12.30 Panel discussion: collaborative prospective studies; how to move forward
All.
- 12.30 *Closure*
- 12.30-13.30 *Lunch and fare-wells*