



ESPE Science symposium 2022
7 and 8 October
Princess Máxima Center, Utrecht , The Netherlands

Hypothalamic Dysfunction in Childhood;
Understanding its etiology and developing new ways to improve outcome of children
with genetic or acquired causes of hypothalamic dysfunction

We are very happy to welcome you at the 2022 ESPE Science Symposium. In these 2 days we will discuss the etiology of genetic and acquired hypothalamic dysfunction in childhood, its consequences and new ways of management to improve outcome. In addition, we will focus on building new networks and collaboration within ESPE and Europe, together with the patient organization and ENDO-ERN.

Registration opens April 1st 2022, max 80 participants

Keynote lectures include:

- The hypothalamus from an evolutionary point of view, Prof Dick Swaab, NL
- Appetite-regulating hormones in hypothalamic obesity, Dr Hoog-Wei Gan, UK
- Congenital Disorders of Hypothalamic Dysfunction associated with Hypopituitarism. Prof Dr Mehul Dattani, UK
- Endocrine disorders in Prader-Willi syndrome: a model to understand and treat hypothalamic dysfunction. M Tauber , France
- Hypothalamic syndrome in craniopharyngioma, Prof dr H Mueller , Germany
- Hypothalamic dysfunction and hypothalamitis : A Novel Autoimmune Endocrine Disease ? F Kelestimur, Turkey
- Radiation therapy and preserving hypothalamic function; Dr G Janssens, the Netherlands
- Neurosurgical challenges in children with hypothalamic tumors , Prof Dr E Hoving, the Netherlands
- Hypothalamic dysfunction requires individualized treatment, Dr HM van Santen, the Netherlands
- Treatment of hypothalamic obesity (genetic or acquired), CLI, drugs or bariatric surgery? Dr E vd Akker, the Netherlands
- ENDO-ERN; Rare Hypothalamic Disease. Prof Nienke Biermasz, chair MTG6
- Hypothalamic dysfunction; What do the patients need? J de Graaf , ePAG representative ENDO-ERN, MTG6

Preliminary program:

Friday October 7th :

9.00 AM Welcome

Symposium I. The hypothalamus ; an overview

- 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

- 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

- 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

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

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

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*