## I P O K R a T E S
Clinical Seminar

### Paediatric Endocrinology: Growth and Puberty

#### OBJECTIVES
Typical for IPOKRaTES Courses, this Seminar is designed to deliver high quality lectures on important endocrine conditions. This Seminar focuses on new developments in growth and puberty, encouraging interactive dialogue and discussions between experienced clinicians and researchers.

#### LECTURERS
- **Crowley W**
  Reproductive Endocrine Unit, Department of Medicine & Harvard Reproduction Endocrine Service Centers, Massachusetts General Hospital, Boston, USA
- **Hindmarsh P**
  Developmental Endocrinology Research Group, Institute of Child Health, University College London, UK
- **Dunkel L**
  Department of Paediatrics, Kuopio University Hospital, Kuopio, Finland
- **Brämswig J**
  University Children’s Hospital, Department of Paediatrics, Münster, Germany
- **Cole T**
  Clinical Genetics Unit, Birmingham Women’s Hospital, Birmingham, UK
- **Savage M**
  Department of Endocrinology, William Harvey Research Institute, Barts and the London School of Medicine and Dentistry, London, UK
- **Högler W**
  Department of Endocrinology & Diabetes, Birmingham Children’s Hospital, Birmingham, UK

#### DATE
May 13-15, 2010; starts at 09:00 am

#### PLACE
Birmingham B4 6TB, United Kingdom, Maple House, 150 Corporation Street, http://www.etcvenues.co.uk/venues/maple-house

#### LIMITED NUMBER OF PARTICIPANTS: 70
Please Note: Only registered participants, NO on site registration!

Please register via internet: http://www.ipokrates.info

#### PROGRAM DESIGN
Högler W, Birmingham, UK

#### TARGET GROUPS
Endocrinologists and paediatricians with an interest in Endocrinology, Endocrine Trainees, Researchers in the field of growth and pubertal disorders

#### MAJOR SPONSORS
Dräger, Elsevier, Heinen-Löwenstein, Nestlé Nutrition Institute

#### LOCAL SPONSORS
Pfizer, Ipsen, Novo Nordisk

#### LOCAL ORGANIZER
PD Dr. Wolfgang Högler, Congress secretary: Daniel Settatree
Department of Endocrinology, The Birmingham Children’s Hospital
Daniel.Settatree@bch.nhs.uk, Phone +44 121 333 8197, Fax +44 121 333 8191

#### INFORMATION/REGISTRATION
IPOKRaTES Head Office, c/o m:con – mannheim:congress GmbH
Rosengartenplatz 2, 68161 Mannheim / Germany
Phone +49 (0)621 4106-134, Fax +49 (0)621 4106-80134
e-mail: ipokrates@mcon-mannheim.de
internet: http://www.ipokrates.info

#### PARTICIPATION FEES
- Registration before February 28, 2010: 300.- €
- Registration after February 28, 2010: 350.- €

FOR FURTHER DETAILS PLEASE SEE: WWW.IPOKRates.INFO
## Program

### Thursday, May 13, 2010

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker 1</th>
<th>Speaker 2</th>
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<tbody>
<tr>
<td>09:00</td>
<td>Timing of puberty</td>
<td>Dunkel L</td>
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<tr>
<td></td>
<td>Early puberty</td>
<td>Hindmarsh P</td>
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<tr>
<td>10:30</td>
<td>Break</td>
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<tr>
<td>10:45</td>
<td>GnRH deficiency: A prism into the genes that control puberty</td>
<td>Crowley W</td>
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<td>Foetal and early growth – where now with the early origins hypothesis</td>
<td>Hindmarsh P</td>
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<tr>
<td>12:15</td>
<td>Lunch</td>
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<tr>
<td></td>
<td>Defects in GH action</td>
<td>Savage M</td>
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<tr>
<td>14:45</td>
<td>Break</td>
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<tr>
<td>15:00</td>
<td>Defects in GH secretion: assessment &amp; treatment</td>
<td>Hindmarsh P</td>
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<td>The impact of defects in the growth hormone axis on bone size &amp; strength</td>
<td>Högler W</td>
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<td>16:45</td>
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### Friday, May 14, 2010

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<tbody>
<tr>
<td>09:00</td>
<td>Noonan Syndrome</td>
<td>Savage M</td>
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<td>Ullrich Turner Syndrome</td>
<td>Brämswig J</td>
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<td>10:30</td>
<td>Break</td>
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<tr>
<td>10:45</td>
<td>A genetic approach to the diagnosis of a child with short stature</td>
<td>Cole T</td>
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<td>Growth and puberty in paediatric Cushing’s disease</td>
<td>Savage M</td>
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<tr>
<td>12:15</td>
<td>Lunch</td>
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<tr>
<td>13:15</td>
<td>Clinical &amp; genetic review of overgrowth disorders</td>
<td>Cole T</td>
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<td>Treatment of tall stature</td>
<td>Brämswig J</td>
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<tr>
<td>14:45</td>
<td>Break</td>
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<tr>
<td>15:00</td>
<td>The full spectrum of GnRH deficient clinical syndromes</td>
<td>Crowley W</td>
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<td>Sense &amp; nonsense of molecular genetic testing in endocrine clinics</td>
<td>Cole T</td>
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<td>16:45</td>
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### Saturday, May 15, 2010

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<tr>
<td>09:00</td>
<td>Delayed puberty and its assessment</td>
<td>Hindmarsh P</td>
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<td>Aromatase inhibitors</td>
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<td>10:30</td>
<td>Break</td>
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<td>10:45</td>
<td>Therapeutic approaches to hypogonadotrophic hypogonadism</td>
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<td>Gonadal function following cancer treatment in children and adolescents</td>
<td>Brämswig J</td>
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<td>13:15</td>
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