

IPOKRATES

Clinical Seminar

Foundation



Protecting and Developing the Brain

Kagawa International Conference Hall, Takamatsu City, Kagawa, Japan
May 23 – 25, 2019

Objectives

IPOKRATES seminars provide high quality postgraduate education which enables professional to keep abreast of the most recent developments and offer participants the opportunity to discuss clinical problems or scientific issues personally with international experts. This seminar deals with the pathophysiology of fetal and neonatal organ systems, mainly the brain injury and its treatment.

Lecturers

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|-------------------|---|
| Georgieff Michael | Department of Pediatrics, University of Minnesota Masonic Children's Hospital, USA |
| Glass Hannah | Department of Neurology, University of California San Francisco, USA |
| Gunn Alistair | Department of Physiology, University of Auckland, New Zealand |
| Juul Sandra | Department of Pediatrics, University of Washington, Seattle, USA |
| Kirpalani Haresh | Department of Pediatrics, Children's Hospital of Philadelphia, USA |
| Neu Josef | Department of Pediatrics, Division of Neonatology, University of Florida, USA |
| Robertson Nicola | Institute for Women's Health, University College of London, UK |
| Schmidt Barbara | Pediatrics and Senior Scholar in the Center for Clinical Epidemiology and Biostatistics at the University of Pennsylvania School of Medicine, USA |
| van Bel Frank | Department of Neonatology, University Medical Centre Wilhelmina Children's Hospital, The Netherlands |
| Wong Flora | Monash Newborn, Monash Medical Centre, Melbourne, Australia |

Limited Number of Participants: 230

Please Note: Only registered participants, NO on site registration!

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

Program Design Takashi Kusaka, Kagawa, Japan

Target Groups Doctors, nurses and affiliates of university and non-university hospitals in the field of neonatology, pediatrics and intensive, nutrition and gastroenterology, surgery and related fields and specialities.

Major Sponsors Dräger, Elsevier, Nestlé Nutrition Institute

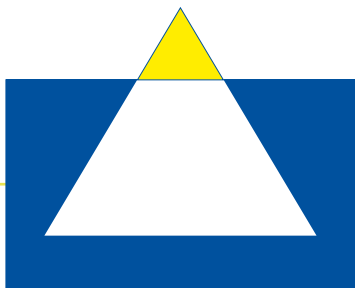
Local Sponsors Japan Society for Neonatal Health and Development, Sanjukai Medical Alumni Association of Kagawa University.

Local Organizer **Professor Takashi Kusaka**
Department of Pediatrics, Faculty of Medicine, Kagawa University.
1750-1 Ikenobe, Miki-cho, Kita-gun, Kagawa, 761-0793 Japan
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Information/Registration **IPOKRATES Head Office c/o m:con – mannheim:congress GmbH**
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Travel VISA required, each participant is responsible for his/her VISA, and IPOKRATES assumes NO liability.

Participation Fees Single person: € 350.-



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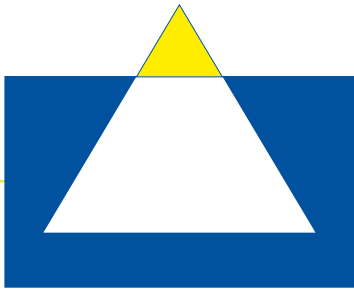
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Thursday, May 23, 2019

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|-------|--|------------------------------|
| 08:00 | Introductory lecture | Josef Neu and Takashi Kusaka |
| 09:00 | Lecture 1-1 (Fetal Physiology) Developmental Origins of Adult Health and Disease: The Brain Version | Michael K. Georgieff |
| 10:00 | <i>Coffee Break</i> | |
| 10:30 | Lecture 1-2 (Fetal Physiology) Fetal and Neonatal Cerebral Haemodynamic Functional Response | Flora Wong |
| 11:30 | Luncheon seminar 1 Sustained Aeration of Infant Lungs Trial | Haresh Kirpalani |
| 13:00 | <i>Coffee Break</i> | |
| 13:30 | Lecture 2-1 (Nutrition and Brain) Nutrition and the Developing Brain | Michael K. Georgieff |
| 14:30 | Lecture 2-2 (Nutrition and Brain) Microbiome and the Brain | Josef Neu |
| 15:30 | <i>Coffee Break</i> | |
| 16:00 | Lecture 3-1 (Brain Imaging and Monitoring) MRI/MRS of the Neonatal Brain | Nicola J Robertson |
| 17:00 | Lecture 3-2 (Brain Imaging and Monitoring) Neurophysiology Monitoring of the Developing Brain | Hannah Glass |
| 18:00 | <i>Adjourn</i> | |

Friday, May 24, 2019

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|-------|---|------------------|
| 08:00 | Lecture 4-1 (Developing Brain) Oxygen Saturation Monitoring Targets in Preterm Infants | Barbara Schmidt |
| 09:00 | Lecture 4-2 (Developing Brain) Monitoring Cerebral Oxygenation in the Preterm Neonate | Frank van Bel |
| 10:00 | <i>Coffee Break</i> | |
| 10:30 | Lecture 4-3 (Developing Brain) Seizures and Epilepsy in the Developing Brain | Hannah Glass |
| 11:30 | Luncheon seminar 2 Necrotizing Enterocolitis | Josef Neu |
| 13:00 | <i>Coffee Break</i> | |
| 13:30 | Lecture 5-1 (Medicine of Premature Infants) Development of Hematology | Sandra E. Juul |
| 14:30 | Lecture 5-2 (Medicine of Premature Infants) Caffeine Therapy for Apnea of Prematurity | Barbara Schmidt |
| 15:30 | <i>Coffee Break</i> | |
| 16:00 | Lecture 5-3 (Medicine of Premature Infants) Transfusion for Premature Infants | Haresh Kirpalani |
| 17:00 | Lecture 5-4 (Medicine of Premature Infants) Sleeping Position for Premature Infants | Flora Wong |
| 18:00 | <i>Adjourn</i> | |



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Saturday, May 25, 2019

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|-------|---|--------------------|
| 08:00 | Lecture 7-1 (Neuroprotection) Current State of the Art for Therapeutic Hypothermia | Alistair Gunn |
| 09:00 | Lecture 7-2 (Neuroprotection) Adjunct Therapies to Include those for HIC and LMIC | Nicola J Robertson |
| 10:00 | <i>Coffee Break</i> | |
| 10:30 | Lecture 7-3 (Neuroprotection) EPO for Neonatal Neuroprotection | Sandra E. Juul |
| 11:30 | Lecture 7-4 (Neuroprotection) Repair of the Developing Brain | Frank van Bel |