Update on neonatal Brain Damage and Regenerative Therapies

Thursday, 7th of March 2019

| <u>09.00 – 11.00</u> | Brain injury and Hypothermia (Brenner) |
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| 09.00 - 09.10 | Welcome (Rüdiger) |
| 09.15 - 09.30 | ALBINO-trial update (Franz/Tübingen) |
| 09.35 - 09.55 | Clinical update on hypothermia |
| | (Höhn/Düsseldorf) |
| 10.05 - 10.15 | Hypothermia in Germany (Sabir/Düsseldorf |
| 10.20 - 10.35 | Family centred care in asphyxiated infants |
| | (Kribs/Cologne) |
| 10.40 - 10.50 | EpoRepair-trial update (Wellmann/Basel) |
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| 11.00 - 11.30 | Coffee break |
| 11.00 – 11.30 <u>11.30 – 13.20</u> | |
| | MSC-based therapy in humans (Thebaud) |
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| <u>11.30 – 13.20</u> 11.30 – 11.45 11.50 – 12.00 | <i>MSC-based therapy in humans</i> (<i>Thebaud</i>) Neural progenitor cells in perinatal brain injury (<i>Heep/Oldenburg</i>) Stroke and cerebral bleeding (<i>Bührer/Berlin</i>) |
| <u>11.30 – 13.20</u> 11.30 – 11.45 11.50 – 12.00 12.25 – 12.40 | MSC-based therapy in humans (Thebaud) Neural progenitor cells in perinatal brain injury (<i>Heep/Oldenburg</i>) Stroke and cerebral bleeding (<i>Bührer/Berlin</i>) Evidence based 'bench-to-bedside' translation of |

13.20 - 14.00 Lunch

| 14.00 - | - 14.45 | Key-note lecture (Rüdiger) |
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| | | Oxygen saturation target ranges and alarm |
| | | settings for very immature infants. |
| | | (Schmidt/Philadelphia) |
| 45.00 | 45.00 | O a ff a a la sa a la |

15.00 – 15.20 Coffee break

| <u> 15.20 – 16.40</u> | Regenerative therapies for BPD (Möbius) |
|-----------------------|--|
| 15.20 – 15.35 | N.N. |
| 15.45 – 16.00 | Useful endpoints for preterms with pulmonary |
| | morbidity (Davis/Boston) |
| 16.00 – 16.15 | Study protocol of early BPD-rescue |
| | (Thebaud/Ottawa) |
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Life transmission via the Internet

Neonatologists and researchers around the world are invited to participate online. You can view the life stream of the presentation and can ask questions. Ask for your password via email.

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16.40 - 17.00 Coffee break

17.00 – 19.00 Registration is required, for one of the following sessions:

Discuss your clinical case or SOP (Küster)

Participants present their clinical case or SOP and discuss it with participants.

- Prevention of BPD (Poets)
- How to improve enteral feeding in very preterm infants
- How to implement bonding of very preterm infants in DR

Discuss Stem Cell Science (Möbius)

Whereas the meeting is mainly "clinical based" you will also have the opportunity to discuss your bench-side experiments with international experts. Thus, present an experimental protocol, confusing data, research ideas.

Meet the Expert (Mense; Winkler)

Interns, Fellows and young Consultants are invited to meet internationally renowned scientists and discuss clinical problems. At "Meet the expert" you are invited to cross-check what you've been taught and come up with new ideas for the next ward round!