

Who is organizing the Symposium?

Mario Rüdiger; Charles Christoph Roehr

Scientific advisory board – Hypothermia

Brenner, Höhn, Hoffmann, Franz, Benders, van Bel

Scientific advisory board – DR-management

Roehr, te Pas, Vento, Küster

ESCNr – Young Investigator Price

Konstantelos, van Vonderen

MASC-Prematurity task force

Möbius, Freund, Reiss

You are invited to actively participate with ...**... Presentation of a case or SOP***

Register at: Kuester@NIQ.eu

... Video of DR-management**

Register at: Kuester@NIQ.eu

... presenting results of your research**

Details of application will be announced at www.neonatal-research-dresden.de. The audience will select the best presentation by vote.

... Discussing your stem cell research

Register at: sabine.resch@uniklinikum-dresden.de

... Meeting the expert

To have the session as productive as possible, there will be maximum 10 participants per expert group. Therefore, please register early!

Register at: sabine.resch@uniklinikum-dresden.de

Further information can be found at

www.neonatal-research-dresden.de or by mail sabine.resch@uniklinikum-dresden.de

* If you present your case or SOP we will cover your registration fee

** if you are chosen to present a video or your research we will cover registration fee and will arrange accommodation for 2 nights.

ESCNr-Young Investigator Award

sponsored by

Fisher & Paykel
HEALTHCARE

We would like to thank the following sponsors for the financial support of the symposium:

**Where is the Symposium held?**

Medical-Theoretical Centre (MTZ), Building 91, Faculty of Medicine Carl Gustav Carus, Technische Universität Dresden; Fiedlerstr. 42, 01307 Dresden

Universitätsklinikum Carl Gustav Carus

DIE DRESDNER.



Come to celebrate the

10th Dresden Symposium on

Delivery Room Management
Asphyxia, Hypothermia
Stem cell research

7th - 9th of March 2019

together with

ESPR – Spring School



A joint meeting
of

European Society for Paediatric
Research (ESPR)
with

ALBINO-study group,
European Collaboration of
Neonatal Resuscitation (ESCNr),
MASC-Prematurity task force
and

Department for Neonatology and Pediatric
Intensive Care Medicine

Clinic for Pediatrics, University Hospital
C.G.Carus, Dresden, Germany



Universitäts
Kinder
Frauenzentrum

am Universitätsklinikum
Carl Gustav Carus

Thursday, 7th of March 2019

Friday, 8th of March 2019

Dear colleagues and friends,

It has now become a tradition to start the spring season in Dresden and to discuss **recent advances and future development** in the field of postnatal adaptation, perinatal brain damage and regenerative therapies.

To celebrate the 10th “**Dresden Symposium**” we are happy to organise the meeting together with the **Spring School of the European Society for Pediatric Research**. Together with the ESPR we provide an unique **platform for scientific exchange** for you as a clinician or researcher in that field.

On Thursday and Friday, you will have many opportunities for **detailed discussions** with participants and our distinguished speakers who present current scientific data and share their practical experiences. On Saturday, you can join our **Hands-on Courses** which cover different aspects of Delivery Room Management.

To make the symposium as inter-active as possible, the **number of participants is restricted**. However, if you cannot come to Dresden you will have the unique opportunity of listening to the speakers and participating in the discussion via **internet life-stream**.

The program of the meeting is organised to make it a great event for you. Thus, you are cordially invited to become an active part of the meeting and to “**Present your video**”, to “**Meet the Expert**” and to discuss “**Stem cell sciences**” or “**Your clinical case or SOP**”. Furthermore, we will award the **Young Investigator Price**.

On behalf of the scientific advisory board, we are looking forward to welcoming you in Dresden!



Mario Rüdiger
Local Organizer



Charles C. Roehr
President ESPR

Whereas Hypothermia has become standard therapy to prevent **brain damage**, other interventions are currently developed. An up-date of available interventions will be given and new approaches are discussed.

The **Key note lecture** will be given by Barbara Schmidt, discussing the “optimal” oxygen saturation for preterm infants.

With regard to **regenerative therapies**, speakers will focus on different aspects of preventing or treating BPD. Furthermore, new indications on the Horizon are presented.

Discuss your clinical case or SOP with colleagues *

You are invited to present an interesting case or Standard Operating Procedure, a new approach of treating patients, a diagnostic algorithm or video of intervention and to discuss it with your colleagues and international experts.

Discuss Stem Cell Science

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

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!

“Resuscitation of infants at birth has been the subject of many articles. Seldom have there been such imaginative ideas, such enthusiasms, and dislikes, and such unscientific observations and study about one clinical picture.” Virginia Appgar

There are still “imaginative ideas and enthusiasm” but also great science within the field of DR-management. Well-known speakers will share their excitement with you and provide inside into recent advances in the following (and other) topics:

Current & future studies on DR-management

Stimulation in DR

Improving management in the DR

Team Training

Bad habits/green apples in DR-management

Videolaryngoscopy

PRO & CON Session

opt-out during clinical trials in DR

Key note lecture

To inflate or not to inflate the lung in the DR?

Critical discussion of the SAIL-trial (H. Kirpalani)

Young Investigator Award **

If you are a young and fascinated by your research you can apply for the “**Young Investigator Price**”. Details of application will be announced at www.neonatal-research-dresden.de The audience will select the best presentation and the best scientific content by vote.

Presentation of DR Video **

Present a short video-clip of DR-management done in your institution and discuss your approach with colleagues.

Hands-on Courses

Different *Hands-on* courses are available, covering topics such as: simulation training of resuscitation, surfactant administration, working with new devices.

Saturday, 9th of March 2019

If you are interested, please register at:
sabine.resch@uniklinikum-dresden.de

Update on neonatal Brain Damage and Regenerative Therapies

Thursday, 7th of March 2019

09.00 – 11.00 Brain injury and Hypothermia (Brenner)

09.00 – 09.10 Welcome (Rüdiger)

09.15 – 09.30 ALBINO-trial update (Engel/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/Base)

11.00 – 11.30 Coffee break & Surprise

11.30 – 13.00 MSC-based therapy in humans (Möbius)

11.30 – 11.45 Neural progenitor cells in perinatal brain injury
(Heep/Oldenburg)

11.50 – 12.15 Stroke and cerebral bleeding (Bührer/Berlin)

12.25 – 12.50 Evidence based 'bench-to-bedside' translation of
stem cell therapies (Lalu/Ottawa)

13.00 – 14.00 Lunch

14.00 – 14.45 Key-note lecture (Rüdiger)

Oxygen saturation target ranges and alarm
settings for very immature infants.
(Schmidt/Philadelphia)

15.00 – 15.20 Coffee break

15.20 – 16.40 Regenerative therapies (Thebaud)

15.20 – 15.45 Lessons to learn from adults with sepsis
(Mei/Ottawa)

15.50 – 16.15 Useful endpoints for preterms with pulmonary
morbidity (Davis/Boston)

16.20 – 16.35 Study protocol of early BPD-rescue
(Thebaud/Ottawa)

Life transmission via the Internet

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

Update on neonatal Brain Damage and Regenerative Therapies

Thursday, 7th of March 2019

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 (*Wiechers*)

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!