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: Kuesten@NIQ.eu

... Video of DR-management**
Register at: Kuesten@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.

How to register?
Number of participants is restricted to 200. Thus, a registration is required.
Please register by E-Mail at: Sabine.Resch@uniklinikum-dresden.de
Tel.: +49-351 458 3640

What to pay for participation?
For food and beverages during breaks 80 €* (one day)/110 €* (7th/8th of March); free for students/nurses. (* additional 40 € have to be charged for payment after 1st of March 2019)

To be paid after receiving confirmation of registration at:
Name of beneficiary:
Cari Gustav Carus Management GmbH
Bank: Deutsche Kreditbank AG
IBAN: DE 71 1203 0000 0011 248 333
BIC: BYLADEM1001
Password: TEST-APGAR

What about CME credits?
Participants will get 6 CME credits from the „Sächsische Landesärztekammer“ for each symposium.

What is the language, is the Symposium in the web?
Presentations are given in English only.
A live presentation of the symposium via internet is planned for participants who cannot come to Dresden.

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

How the Symposium can be reached?
By Train:
- Dresden Neustadt => Tram 6 to Augsburger Straße
- Dresden Hauptbahnhof => Tram 12 (Prager Straße) to Augsburger Straße

By Plane:
Dresden Airport (from Munich, Frankfurt, Düsseldorf) => S-Bahn to „Dresden Neustadt“ => Tram 6 to „Augsburger Straße“
Or to Berlin-Schönefeld/Tegel and by train or bus (2 hours)
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!

Hands-on Courses

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

Invitation

Brain Damage / Regenerative Therapy

Thursday, 7th of March 2019

Deliver Room Management

Friday, 8th of March 2019

“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 Apgar

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.

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**

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<th>Time</th>
<th>Session</th>
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<td>09.00 – 11.00</td>
<td><strong>Brain injury and Hypothermia</strong> <em>(Brenner)</em></td>
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<td>09.00 – 09.10</td>
<td>Welcome <em>(Rüdiger)</em></td>
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<td>09.15 – 09.30</td>
<td>ALBINO-trial update <em>(Franz/Tübingen)</em></td>
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<td>09.35 – 09.55</td>
<td>Clinical update on hypothermia <em>(Höhn/Düsseldorf)</em></td>
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<td>10.05 – 10.15</td>
<td>Hypothermia in Germany <em>(Sabir/Düsseldorf)</em></td>
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<td>10.20 – 10.35</td>
<td>Family centred care in asphyxiated infants <em>(Kribs/Cologne)</em></td>
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<td>10.40 – 10.50</td>
<td>EpoRepair-trial update <em>(Wellmann/Basel)</em></td>
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<td>11.00 – 11.30</td>
<td>Coffee break</td>
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<td>11.30 – 13.20</td>
<td><strong>MSC-based therapy in humans</strong> <em>(Thebaud)</em></td>
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<tr>
<td>11.30 – 11.45</td>
<td>Neural progenitor cells in perinatal brain injury <em>(Heep/Oldenburg)</em></td>
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<td>11.50 – 12.00</td>
<td>Stroke and cerebral bleeding <em>(Bührer/Berlin)</em></td>
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<td>12.25 – 12.40</td>
<td>Evidence based ‘bench-to-bedside’ translation of stem cell therapies <em>(Lalu/Ottawa)</em></td>
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<td>12.50 – 13.10</td>
<td>Lessons to learn from adults with sepsis <em>(McIntyre/Ottawa)</em></td>
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<td>13.20 – 14.00</td>
<td>Lunch</td>
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<td>14.00 – 14.45</td>
<td><strong>Key-note lecture</strong> <em>(Rüdiger)</em></td>
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<td>14.45 – 15.00</td>
<td><strong>Coffee break</strong></td>
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<td>15.00 – 15.20</td>
<td><strong>Regenerative therapies for BPD</strong> <em>(Möbius)</em></td>
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<td>15.20 – 15.35</td>
<td>N.N.</td>
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<td>15.45 – 16.00</td>
<td>Useful endpoints for preterms with pulmonary morbidity <em>(Davis/Boston)</em></td>
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<tr>
<td>16.00 – 16.15</td>
<td>Study protocol of early BPD-rescue <em>(Thebaud/Ottawa)</em></td>
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</tbody>
</table>

**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.
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

**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!
**09.00 – 10.00  Basics and Practice of DR-management**

(tePas)

09:00 – 09.10  Welcome (Rüdiger)
09.10 – 09.20  Oxygenation at birth and breathing  
(Dekker/Leiden)
09.25 – 09.35  Use of interfaces in the delivery room  
(Lamberska/Prague)
09.40 – 09.50  Suctioning in the delivery room  
(Pejovic/Stockholm)

**10.00 – 11.00  Young Investigator Price**

(Dimitrios Konstantelos, Jeroen van Vonderen)
Young investigators present their results within 7 minutes, results are open for discussion for 3 minutes. The audience select the best presentation and the best scientific content by vote.

11.00 – 11.30  Coffee break

**11.30 – 13.00  How to monitor postnatal adaptation?**

(Roehr)
11.30 – 11.45  Just watch and wait (Bohlin/Stockholm)
11.50 – 12.05  Look at sex-differences during transition?  
(Vento/Valencia)
12.10 – 12.25  Results of the monitor trial (van Zanten/Leiden)
12.30 – 12.55  The look in the future …  
… ABC 2 (Brouwer/Leiden)
… ABC 3 (Knol/Rotterdam)

13.00 – 13.50  Lunch

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**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.
**Improving management in DR** (Vento)

**13.50 – 14.20**  
**Key note**  
How to inflate the lung at delivery? – a skeptical view of sustained inflation  
(Kirpalani/Philadelphia)

**14.30 – 14.45**  
N.N.

**14.50 – 15.05**  
Cut and run or take the CHOP route: Resuscitation on the cord for infants with CDH  
(Foglia/Philadelphia)

**15.10 – 15.30**  
Coffee break

**15.30 – 16.00**  
**Bad habits / green apples in DR** (Blennow)

15.30 – 15.40 Videolaryngoscopy to teach Intubation (O’Shea)

15.45 – 15.55 Chest compressions in the delivery room  
(Schmölzer/Edmonton)

16.00 – 16.10 Laryngeal mask airway – time to become the standard of care? (Roberts/Minnesota)

16.15 – 16.25 Retrospective consent is old news, we should go for opt-out during clinical trials in DR  
(den Boer / Dempsey)

**16.30**  
**ESCNR-Young Investigator Award**

**16.40 – 18.00**  
**Presentation of DR Video** (Küster)

Short video-clips of DR-management are presented and discussed with the participants
ESPR – Spring School
- Workshops -
Saturday, 9th of March 2019

09.00 – 10.30 First session
✓ Team training and team work in the DR [N=10]
✓ How to introduce video monitoring in the DR [N=10]
✓ Neonatal resuscitation [N=8]
✓ Laryngeal mask for surfactant administration [N=15]
✓ Video laryngoscopy and LISA [N=10]

10.30 – 11.00 Coffee Break
You will have the chance to visit the local NICU

11.00 – 12.30 Second session
✓ Team training and team work in the DR [N=10]
✓ How to introduce video monitoring in the DR [N=10]
✓ Neonatal resuscitation [N=8]
✓ Laryngeal mask for surfactant administration [N=15]
✓ Video laryngoscopy and LISA [N=10]

Each workshop will be given twice, since a limited number of participants is available for each workshop [see in bracket]. If one session is already overbooked, we offer you participation in the other session.

Participation fee for each workshop is 50 Euro, for ESPR member 35 €. (If you do need a further reduction, please do not hesitate to contact us.)
✓ Team training and team work in the DR (Foglia/Philadelphia)
  • Recognize the impact of leadership and teamwork on provider performance and patient outcomes
  • Identify common pitfalls to coordinated team performance
  • Design methods to improve team performance using simulation-based education
  • Describe interventions in the DR-environment that optimize teamwork

✓ How to introduce video monitoring in the DR (Konstantelos/Dresden)
  • Discuss the evidence of using video monitoring in DR
  • Practical and technical aspects of video monitoring in DR
  • Visiting the local DR with monitoring device

✓ Neonatal resuscitation (Brenner/Dresden)
  • Management of the term infant requiring resuscitation in the delivery room
  • Practical training

✓ LMA for surfactant administration (Roberts/Minnesota)
  • Discuss the evidence of surfactant delivery via laryngeal mask airway (LMA)
  • Discuss rationale for using LMA vs. INSURE, MIST, LISA
  • Training session for placing and administering surfactant through LMA

✓ Video laryngoscopy and LISA (O’Shea/Roehr)
  • Discuss the evidence of video laryngoscopy
  • Training session for administering surfactant less invasively