

<b>Location</b>	
<b>Time</b>	Friday, May 12, 2006 9.00 a.m. - 5.30 p.m.
<b>Place and office during symposium</b>	Stiftung caesar Ludwig-Erhard-Allee 2 53175 Bonn / Germany Tel.: +49 - 228 - 9656 102
<b>Office</b>	Gudrun Mikus Institut für Anatomie Universitätsklinikum Essen Hufelandstr. 55, D-45122 Essen, Germany Phone: +49-201-723 4380/1 Fax: +49-201-723 5916 E-mail: <a href="mailto:sekr.anatomie@uni-essen.de">sekr.anatomie@uni-essen.de</a> Web: <a href="http://www.uni-essen.de/anatomie">http://www.uni-essen.de/anatomie</a>
<b>Map</b>	
<b>Hotel reservation</b>	<p><b>No hotel reservation through conference office!</b> For accomodation please contact:</p> <p>Hotel Reservation Service: <a href="http://www6.hrs.de/">http://www6.hrs.de/</a> Tourismus &amp; Congress GmbH: <a href="http://www.bonn-regio.de/">http://www.bonn-regio.de/</a></p>

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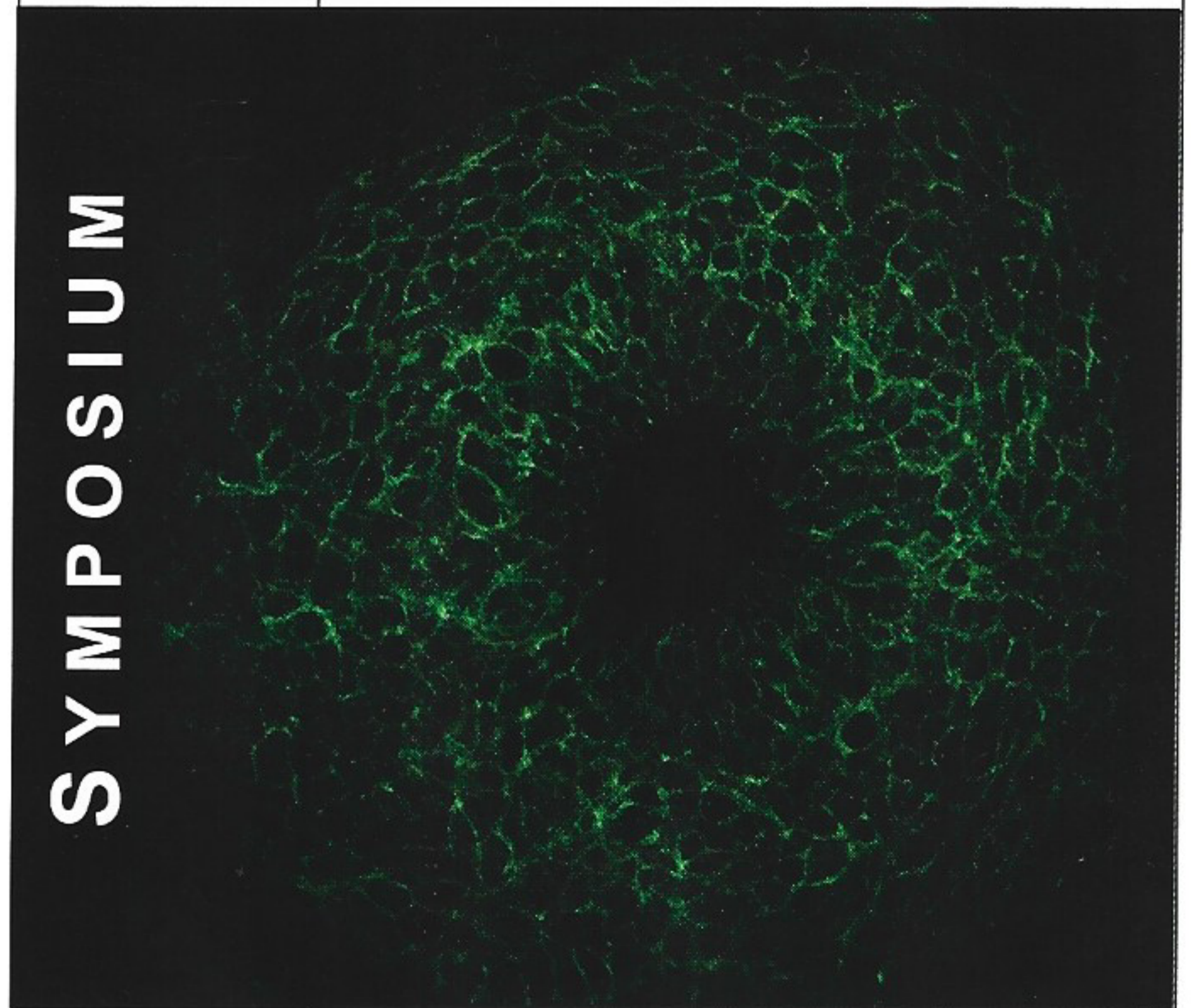
**Stem cell research:  
a challenge for embryology,  
regenerative medicine and  
bioethics**

**May 12, 2006  
Stiftung caesar, Bonn (Germany)**

**Scientific organisation**

**Prof. H.-W. Denker  
PD Dr. H.-P. Hohn  
PD Dr. M. Thie**

**SYMPOSIUM**



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**Contact**

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## Program

09.00-09.15	Welcome
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### I. Embryology / stem cell research / tissue engineering perspectives

09.15-09.55 **D. Solter:** "Epigenetic control of preimplantation mouse development"

09.55-10.35 **J. Rossant:** "Key genes in the earliest differentiation events in mammalian development, and early stem cell niches"

Coffee break
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11.00-11.30 **M. Thie:** "Gastrulation-like events in primate ES cell colonies"

11.30-12.00 **J. Kirkpatrick:** "Perspectives of tissue engineering and regenerative medicine"

12.00-13.00	Lunch break
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### II. Biological approaches to resolve the dilemma of embryo destruction

13.00-13.40 **H. Schöler:** "Germ line development from embryonic stem cells in vitro"

13.40-14.20 **W. Hurlbut:** "New strategies to overcome the ethical dilemma of embryonic stem cell research: The borderline between 'biological artefacts' and embryos"

Coffee break
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### III. Podium discussions: embryos, biological artifacts and stem cells

14.45-15.20 **A. Biological definitions**  
Chair: J. Rossant / H.-W. Denker

15.30-17.30 **B. Ethical implications**  
Chair: L. Honnefelder

William B. Hurlbut (Stanford, USA)  
T. Heinemann (Bonn, Germany)  
S. Holm (Cardiff, UK and Oslo, Norway)  
R. Röspel (Berlin, Germany)

17.30	<b>H.-W. Denker:</b> Concluding Remarks
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## Symposium Faculty

Prof. Hans-Werner Denker  
Essen / Germany

PD Dr. Dr. Thomas Heinemann  
Bonn / Germany

PD Dr. Hans-Peter Hohn  
Essen / Germany

Prof. Sören Holm  
Cardiff / UK and Oslo / Norway

Prof. Ludger Honnefelder  
Bonn / Germany

William Hurlbut, MD, PhD  
Stanford, CA / USA

Prof. Charles J. Kirkpatrick  
Mainz / Germany

René Röspel, MdB  
Berlin / Germany

Prof. Janet Rossant  
Toronto / Canada

Prof. Hans R. Schöler  
Münster / Germany

Prof. Davor Solter  
Freiburg / Germany

PD Dr. Michael Thie  
Bonn / Germany