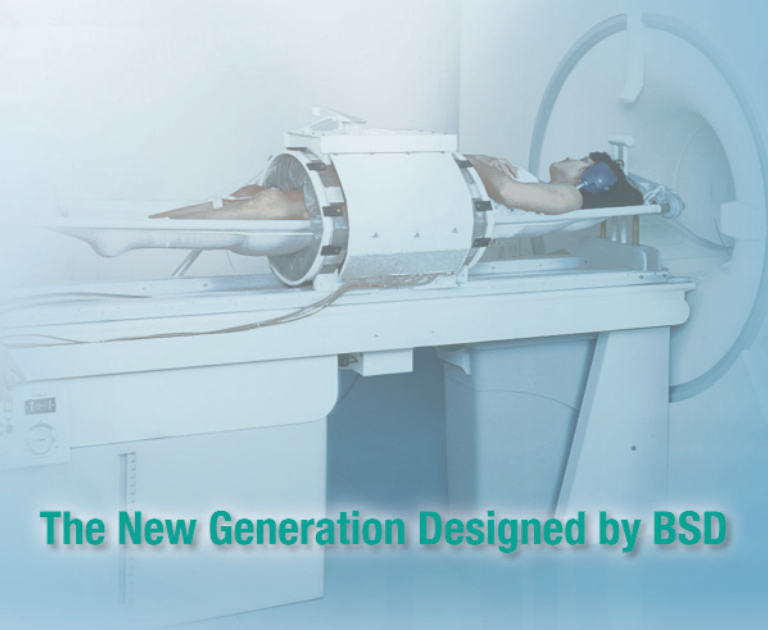


The Gold Standard

MR-Controlled Hyperthermia

3D Deep Regional Hyperthermia

MR Imaging



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ESHO 2007



In conjunction with the
24th Annual Meeting of the
European Society of
Hyperthermic Oncology

*Educational
Day*

SPECIAL INVITATION

Date: Wednesday 13 June 2007

Time: 9:00 to 18:00h

Location: Prague, Czech Republic

*IIIrd ESHO Educational Day:
Cellular and Vascular Effects
of
Hyperthermia*

Sponsored by ESHO and ESHO Biological Committee

Dear Colleagues,

After the very successful previous ESHO Educational Days, it is our pleasure to invite you to attend the IIIrd educational day on hyperthermia entitled “Cellular and vascular effects of hyperthermia“, which will be held in Prague, Czech Republic, the 13th June 2007 in conjunction with the 24th annual meeting of the ESHO, European Society of Hyperthermic Oncology.

This meeting has become an important forum for the exchange of information on advances in hyperthermia in the treatment of cancer. This IIIrd symposium is organized by ESHO and the ESHO biological committee.



*Educational
Day*

*You can access all current information
pertaining to the ESHO congress at*

 ***www.esho.info***



Contact:

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Chairman of Biological Committee

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The programme will focus on biological aspects of hyperthermia and special attention will be given to the preclinical/clinical interphase discussing the translation into the clinic. The conference has been designed to ensure maximum interaction and discussion between scientists, clinicians and those involved in drug development.

We are looking forward to seeing you in Prague,

On behalf of ESHO and
ESHO biological committee,



Valeria Milani



Michael Horsman

ESHO Board members and organizers

Cellular response to heat

Direct effects: cell killing and molecular event

Dr. Joe Roti Roti (USA)

Radiosensitization

Dr. Georg Iliakis (Ger)

Heat shock protein induction

Dr. Stuart Calderwood (USA)

Susceptibility of heated tumor to immune system

Dr. Elisabeth Repasky (USA)

Translation into the clinic

Dr. Rolf-Dieter Issels (Ger)

“Feel-free-to-ask lunch break”:
Meet the professors



Hyperthermia Educational Day Registration Fees

Early Registration Fee **50 €**
(Before April 20, 2007)

Regular Registration Fee **70 €**
(After April 20, 2007)

Please use the official ESHO 2007 registration form to sign up for this event.

Links:

<http://www.esho.info/esho2007>



Educational Day

SPECIAL INVITATION

Date: Wednesday 13 June 2007

Time: 9:00 to 18:00h

Location: Prague, Czech Republic

Vascular mediated responses to heat

Angiogenesis and vascular targeting

Dr. Michael Horsman (DK)

Thermosensitive liposomes

Dr. Mark Dewhirst (USA)

Effects of heat on immune effectors trafficking

Dr. Sharon Evans (USA)

Non-invasive imaging with DCE-MRI

Dr. Lutz Lüdemann (Ger)

Antigenic therapy translated to the clinic: hype, hope or help?

Dr. Olav Dahl (N)

Round Table: ask the professors

Thanks:

Layout and production sponsored by
Dr. Sennewald Medizintechnik GmbH
Director: Monica Sennewald

Invited speakers

Dr. Joe Roti Roti (USA)

Department of Radiation Oncology, Washington University School of Medicine, St Louis, MO

Dr. Georg Iliakis (Ger)

Institute of Medical Radiation Biology, University Duisburg-Essen Medical School, Essen

Dr. Stuart Calderwood (USA)

Molecular and Cellular Radiation Oncology, Beth Israel Deaconess Medical Center, Harvard Medical School, Boston, MA

Dr. Elisabeth Repasky (USA)

Department of Immunology, Roswell Park Cancer Institute, Buffalo, New York, NY

Dr. Rolf Issels (Ger)

University Hospital Klinikum Großhadern, Hyperthermia Unit, Munich

Dr. Michael Horsman (DK)

Department of Experimental Clinical Oncology, Aarhus University Hospital, Aarhus

Dr. Mark Dewhirst (USA)

Department of Biomedical Engineering, Duke University, Durham, NC

Dr. Sharon Evans (USA)

Department of Immunology, Roswell Park Cancer Institute, Buffalo, New York, NY

Dr. Lutz Lüdemann (Ger)

Department of Radiology, Nuclear Medicine and Radiooncology, Campus Virchow, Berlin

Dr. Olav Dahl (N)

Section of Oncology, Institute of Medicine, University of Bergen, Bergen

Goals

- 1) Give new perspectives in the field of clinical and technical hyperthermia
- 2) Create an environment to stimulate collaboration between basic researchers and clinicians

Target audience

This educational activity is designed for academic scientists from traditionally divergent backgrounds, including biochemists, biophysicists, cell biologists, medical and radiation oncologists interested in the application of hyperthermia.

Educational method

This activity will consist of slide presentations and include interactive and informal discussions between young scientists and established researchers.

Learning objectives

- 1) Explain the biological rationale of hyperthermia when used alone or in combination therapy
- 2) Gain insight into the molecular aspects of the regulation of the stress response in cells and the diverse functions of HSPs
- 3) Examine the importance of the tumor vasculature in influencing heat therapy
- 4) Discuss the clinical relevance and explore new interactions between preclinical/clinical studies