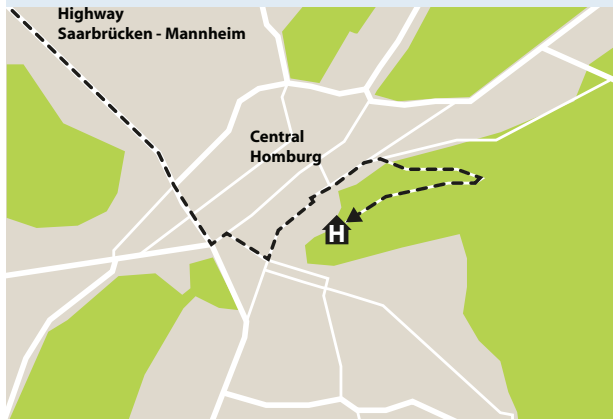
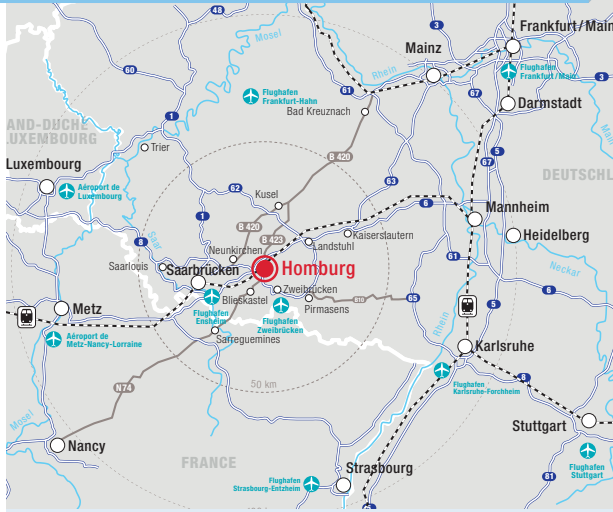


How to get there



You will find further detailed information on how to get to Homburg as well as detailed campus maps on www.uks.eu/anfahrt

General Information and Organization

Dates and Place

The congress will be held June 11-12, 2015 at the Schlossberg Hotel in Homburg, Germany.

Schlossberg-Hotel Homburg OHG
Schlossberg-Höhenstraße
66424 Homburg
Telephone +49 (0) 6841 / 6 66 0

More Information on
www.schlossberghotel-homburg.de

Conference Language
English

Organization + Information

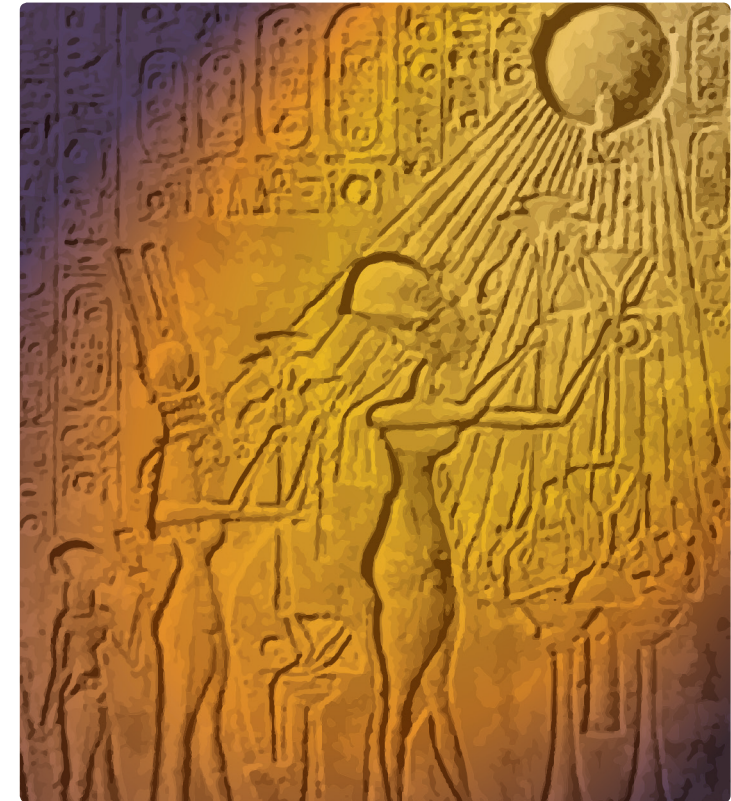
Ms. N. Awad
Secretary for Prof. Dr. Jörg Reichrath
Department of Dermatology
Saarland University Hospital
66421 Homburg, Germany
Telephone 0049 - (0) 68 41 - 16 23 846
Telefax 0049 - (0) 68 41 - 16 23 842
Email joerg.reichrath@uks.eu

Organizing Committee

J. Reichrath, Th. Vogt and M. F. Holick

Scientific Board

W. B. Grant (San Francisco), A. Juzeniene (Oslo),
M. F. Holick (Boston), J. Reichrath (Homburg),
Th. Vogt (Homburg)



International Symposium

Biologic Effects of Light

June 11 - 12, 2015
Schlossberg Hotel
Homburg, Germany



Dear Colleagues!

On behalf of the scientific committee it is a pleasure to invite you to the International Symposium Biologic Effects of Light. During the past years our knowledge about the fascinating pleiotropic biologic effects of light and the underlying molecular mechanisms has exploded. These findings have lead to new concepts for the prevention and treatment of many diseases, and it is obvious that enormous progress is beeing made on this topic.

This meeting is specifically designed to offer scientists and clinicians insights into the latest developments in this intriguing research area. The program will include keynote lectures as well as free communications and poster presentations. You are cordially invited to join this meeting. We hope to see you soon in Homburg!

Jörg Reichrath Thomas Vogt Michael F. Holick

Preliminary Program

Thursday, June 11, 8.30 a.m. - 5.00 p.m.

I. Beneficial Health Effects of Light

- The relevance of the cutaneous vitamin D synthesis for human health – an introduction
- Impact of solar UV-exposure and vitamin D status for internal malignancies, cardio-vascular mortality, infectious diseases, autoimmune diseases, and bone health: an update
- Solar UV-exposure, vitamin D and preventive medicine

II. UV-Radiation, Skin Cancer and Photoimmunology

- Relevance of UV-induced immunosuppression for photocarcinogenesis of skin cancer
- Role of sphingolipids in light-tissue interaction
- Twist in alpha-MSH-mediated protection against UV-radiation
- UV-B-induced signalling responses: the role of the Arylhydrocarbon Receptor (AhR), and beyond
- UV-A as oxidative stress: disruption of redox, iron and heme homeostasis
- Vitamin D compounds as promising new agents for skin cancer prevention and therapy
- Sunscreens, MSH biomimicries, tanning drugs and skin cancer prevention

III. Photosensitivity Disorders

- Photochemistry and degradation of pharmaceuticals
- Xeroderma pigmentosum, Porphyrrias and other Photodermatoses updated

IV. Round Table Discussion

- Challenge and promise: balancing between positive and negative effects of UV-radiation

Preliminary Program

Friday, June 12, 8.00 a.m. - 1.00 p.m.

V. Light for Treatment of Cancer and other Diseases: from Bench to Bedside

- Targeting cancer stem-like cells with photodynamic therapy (PDT)
- Photochemical internalization (PCI) in cancer therapy
- Drug delivery and nanotechnology in PDT

VI. Circadian Rhythm, High Resolution Imaging, Lasers and LED

- Circadian Lighting, Sleep and Daytime functioning
- STED-FCS fluorescence microscopy
- Multispectral-FLIM to observe cell metabolism
- Promising new concepts in Laser technology and application
- Promising new concepts in LED technology and application

VII. Round Table Discussion - Conclusions

Invited Speakers

Berg K (Oslo, Norway), Böhm M (Münster, Germany), Brenner H (Heidelberg, Germany), de Gruijl FR (Leiden, Netherlands), Emmert S (Göttingen, Germany), Grant WB (San Francisco, USA), Holick MF (Boston, USA), Juzeniene A (Oslo, Norway), Ordonez-Mena J (Heidelberg, Germany), Pilz S (Graz, Austria), Schiekofe C (Homburg, Germany), Seckmeyer G (Hannover, Germany), Tyrrell R (Bath, United Kingdom), van Someren EJW (Amsterdam, Netherlands), Webb A (Manchester, United Kingdom), Wulf HC (Copenhagen, Denmark), Young A (London, United Kingdom), Zittermann A (Bad Oeynhausen, Germany)

Reply to sign up

I will attend the symposium „**Biologic Effects of Light**“ on June, 11 to 12 2015 in Homburg.

Name / First Name _____

Organization _____

Address _____

Zip Code + Town _____ Country _____

**Please sign up by fax (0049 - (0) 68 41 - 16 - 2 38 42), email (nadja.awad@uks.eu) or postal mail with this form.
Thank you very much!**

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Klinik für Dermatologie,
Venerologie und Allergologie**

Frau Nadja Awad, Sekretariat Prof. Reichrath
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