4th International Symposium on

PHOTODYNAMIC DIAGNOSIS
AND THERAPY
IN CLINICAL PRACTICE

OCTOBER 10-13, 2001

Organized by
H. KOSTRON
Department of Neurosurgery - University of Innsbruck
G. JORI
Department of Biology - University of Padova
Co-organizers
Th. Patrice, A. Sidoroff, A. Stenzl

Congress Web Site
www.promoitaliaonline.net/photodyn.brixen 4th International Symposium on
Scientific Program

October 10 - Wednesday

17.00 Registration
18.00 Welcome Reception (University of Padova Residence)

October 11 - Thursday

8.00 Registration
8.30 Opening Ceremony

9 GENERAL ASPECTS
9.00-9.30 “Photodynamic therapy: dream or reality?”
S. Bown (London, UK)
9.30-10.00 “How to promote photodynamic therapy”
T. Patrice (Nantes, France)
10.00-10.30 “Clinical experiences with fluorescence detection of tumours using 5-ALA”
R. Baumgartner (München, Germany)
10.30-11.00 COFFEE BREAK

11 NEW DEVELOPMENTS IN THE FIELD OF PDD/PDT
11.00-11.30 “Tissue spectroscopy by time-resolved reflectance and transmittance”
R. Cubeddu (Milano, Italy)
11.30-12.00 “Novel approaches to photodynamic and photothermal sensitzers”
G. Jori (Padova, Italy)
12.00-12.30 “Enhancing the effectiveness of photodynamic therapy with anti-angiogenic therapy”
C. Gomer (Los Angeles, USA)
12.30-14.00 LUNCH BREAK

14 CLINICAL APPLICATIONS OF PHOTODYNAMIC THERAPY OF TUMOURS–PART 1
14.00-14.30 “Photodynamic applications in neurosurgery”
H. Kostron (Innsbruck, Austria)
14.30-15.00 “Present status of photodynamic therapy in urology”
D. Jocham (Lübeck, Germany)
15.00-15.30 “Photodynamic therapy in dermatology: current status and perspectives”
S. Karrer (Regensburg, Germany)
15.30-16.00 COFFEE BREAK

16 DERMATOLOGY: HIGHLIGHTS AND HANDS-ON DEMONSTRATION FOR ALA-PDT
16.00-17.30 P. Calzavara-Pinton (Brescia, Italy); C. Abels (Regensburg, Germany); A. Sidoroff (Innsbruck, Austria)
17.30-18.00  FREE COMMUNICATIONS

19.30  TÖRGELE EVENING

October 12 - Friday

8.00  Registration

8.30  NON-ONCOLOGICAL APPLICATIONS OF PHOTODYNAMIC THERAPY
8.30-9.00  “Visudyne therapy for the treatment of choroidal neovascularature”
J. North  (Vancouver, Canada)
9.00-9.30  “Photodynamic activation in the possible treatments of Arthritis (RA, OA)”
T. Hasan  (Boston, USA)
9.30-10.00  “Lethal photosensitization of cariogenic bacteria in dental plaques”
M. Wilson  (London, UK)
10.00-10.30  “Control of experimentally induced intimal hyperplasia by local photodynamic therapy”
A. Visonà  (Padova, Italy)

10.30-11.00  FREE COMMUNICATIONS

11.00-11.30  COFFEE BREAK

11.30-12.30  Hands-on demonstration in UROLOGY
A. Stenzl  (Innsbruck, Austria)

12.30-14.00  LUNCH BREAK

14  GENERAL ASPECTS
14.00-14.30  “Molecular and cellular mechanisms of ALA-PDT”
B. Krammer  (Salzburg, Austria)
14.30-15.00  “ALA esters: are they better than ALA itself ?”
S. Brown  (Leeds, UK)
15.00-15.30  “Laser scanning microscopy and laser scanning spectroscopy to investigate cell death mechanisms during PDT”
A. Rück  (Ulm, Germany)
15.30-15.50  “Boron neutron capture therapy: porphyrins as potential boron carriers?”
K. Haselberger  (Graz, Austria)

15.50-16.10  COFFEE BREAK

16.10-19.00  FREE COMMUNICATIONS

19.30  GALA DINNER
## October 13 - Saturday

### 8.30-10.30  **NOVEL PERSPECTIVES AND HIGHLIGHTS**

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| 8.30-9.00 | "Enzyme-assisted cell photosensitization: a proposal for tumour photodynamic therapy and diagnosis"  
G. Bottirolı (Pavia, Italy) |
| 9.00-9.30 | "Targeting of HIV gp120 by photosensitizers"  
C. Vever-Bizet (Paris, France) |
| 9.30-10.00 | "Effect of the chemical structure of phthalocyanines on their phototoxic activity against antibiotic-resistant microorganisms"  
G. Roncucci (Firenze, Italy) |
| 10.00-10.30 | "Photothermal therapy with Pd(II)-octabutoxy-naphthalocyanine"  
H. Diddens (Lübeck, Germany) |

### 10.30-11.00  **COFFEE BREAK**

### 11.00-12.00  **NEUROSURGERY: HIGHLIGHTS AND HANDS-ON DEMONSTRATION**

H. Kostron (Innsbruck, Austria); S. Kaneko (Hokkaido, Japan);  
P. Müller (Toronto, Canada)

### 12.00-13.30  **LUNCH BREAK**

### 13.30-15.00  **CLINICAL APPLICATIONS OF PHOTODYNAMIC THERAPY OF TUMOURS – PART 2**

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| 13.30-14.00 | "Photomedicine in gynaecology: linking basic research to the clinic"  
H. Walt (Zürich, Switzerland) |
| 14.00-14.30 | "Optimization of light parameters in PDT for early carcinoma of the upper aerodigestive tract: preclinical and clinical studies"  
A. Radu (Lausanne, Switzerland) |
| 14.30-14.45 | "A clinical pilot study of photodynamic therapy of malignant bronchial stenosis with use of hyperbaric oxygen: a comparison of 5-aminolaevulinic acid and porphyrin photosensitization"  
Heiko Renner, Sabine Gabor, Udo Anegg, M. Woltsche, B. Fell, Peter Rehak,  
H. Pinter, F.M. Smolle-Jüttner, Alfred Maier (Graz, Austria) |
| 14.45-15.00 | "PDT of the prostate carcinoma by means of 5-ALA induced PPIX – in-vivo experiments"  
Ronald Sroka, Michael Höppner, Karl Bise, Susanne Stocker, Dirk Zaak,  
Reinhold Baumgartner, A. Hofstetter (Münich, Germany) |

### 15.00-15.45  **HIGHLIGHTS from the MEETING**

(PANEL ROUND-TABLE)

S. Brown - T. Hasan – R. Baumgartner

### 15.45  **CLOSING CEREMONY**
INVITED SPEAKERS

R. Baumgartner
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Mueller no abstract

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Angelika Rück
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Schweitzer (cancelled) no abstract
EXHIBITIONS

Exhibition of instrumentation for phototherapy, photochemotherapy, photodiagnosis, as well as of optoelectronic equipment, photosensitizing compounds, and other pharmaceuticals will be available throughout the workshop.

LIST OF SPONSORS

CNR (Italy)
Italian Society for Photobiology
University of Innsbruck
University of Padova

Axcan Pharma
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TOTAL AMOUNT

| L. 19.440.770 | already paid   |
| L. 22.000.000 | to be paid     |

Estimated final amount

| L. 41.440.770 |

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