



THE EUROPEAN SOCIETY
FOR PHOTODYNAMIC THERAPY

6TH ANNUAL CONGRESS 2006

**FINAL PROGRAM
AND ABSTRACT BOOK**

MARCH 31 – APRIL 1, 2006

DERMATOLOGICAL CLINIC
INSELSPITAL UNIVERSITY HOSPITAL
BERN, SWITZERLAND

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SCIENTIFIC PROGRAM

The scientific program includes oral presentations and posters. The abstracts of all oral presentations and posters are published in the final section of this booklet.

Power Point Presentation

Speakers are required to hand in their CDs/pen drives/floppy disks at the secretariat at least 1 hour before their presentation.

Posters

Posters are displayed in the rooms 2 and 3 just outside the main lecture hall. They will be displayed till the end of the Congress.

GENERAL INFORMATION

Date and Location

The Congress takes place in Berne, Inselspital University Hospital, Auditorium Ettore Rossi, Entrance 31A, on March 31 – April 1st, 2006.

The Pre Congress Course takes place in Bern, Dermatological Clinic, Inselspital University Hospital, Entrance 14A, on March 30, 2006.

Opening hours of the Secretariat

Phone number +41 31 632 22 73 or +41 79 430 17 66

During the Pre Congress Course (Dermatological Clinic, Inselspital University Hospital):

March 30, 2006 from 8.00 a.m. to 6.00 p.m.

During the EURO-PDT Congress (Auditorium Ettore Rossi, Inselspital University Hospital):

March 31, 2006 from 8.00 a.m. to 7.00 p.m.

April 1st, 2006 from 8.00 a.m. to 3.00 p.m.

Working language

The working language is English.

Social Event

March 30, 2006: Swiss Fondue Evening in Gruyères
(only for the Fondue registered participants, dress: casual)

07.00 p.m. Departure from Inselspital (Main Entrance)
11.30 p.m. Return

March 31, 2006: Congress Dinner, Swiss Folklore Evening in Interlaken
(only for the Congress dinner registered participants, dress: casual)

07.15 p.m. Departure from Inselspital (Main Entrance)
12.00 p.m. Return

SPONSORS

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EURO-PDT TRAINING COURSE

THURSDAY, MARCH 30, 2006

Dermatological Clinic, Inselspital, Entrance 14A, Berne, Switzerland

Faculty: Prof. L.R. Braathen, Dr. C.A. Morton, Dr. A. Sidoroff, Dr. D. Stauffer,
Prof. R.M. Szeimies

08:30 – 09:00 a.m.	<i>Registration</i>	
09:00 – 09:10 a.m.	Welcome	L.R. Braathen
09:10 – 09:30 a.m.	Short introduction to PDT	A. Sidoroff
09:30 – 09:50 a.m.	Patient information and informed consent	R.M. Szeimies
09:50 – 10:00 a.m.	Crucial importance of excellent lesion preparation	D. Stauffer
10:00 – 11:00 a.m.	Practical training in smaller groups Presentation of patient's histories, lesion preparation, drug application & pain management	Faculty
11:00 – 11:30 a.m.	<i>Coffee break</i>	
11:30 – 12:00 a.m.	Epidemiology of NMSC	C.A. Morton
12:00 – 12:30 a.m.	Basics of Fluorescence Diagnosis and PDT	R.M. Szeimies
12:30 – 01:00 p.m.	Evidence based use of PDT for actinic keratosis	L.R. Braathen
01:00 – 01:45 p.m.	<i>Sandwich-Lunch</i>	
01:45 – 03:00 p.m.	Fluorescence diagnosis and illumination	Faculty
03:00 – 03:30 p.m.	Evidence based use of PDT for basal cell carcinoma	A. Sidoroff
03:30 – 03:50 p.m.	<i>Coffee break</i>	
03:50 – 04:05 p.m.	Evidence based use of PDT for Bowen's disease	C.A. Morton
04:05 – 04:20 p.m.	PDT in organ transplant patients	R.M. Szeimies
04:20 – 04:35 p.m.	Pain management	L.R. Braathen
04:35 – 05:00 p.m.	Q & A and Handout of Diplomas	Faculty
07:00 p.m.	Evening programm (only for this evening registered participants)	

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SCIENTIFIC PROGRAM - FRIDAY, MARCH 31, 2006

Inselspital University Hospital, Auditorium Ettore Rossi, Entrance 31A, Berne, Switzerland

08:30 – 09:00 a.m. *Registration*

09:00 – 09:10 a.m. **Welcome**
L.R. Braathen, President EURO-PDT, Berne

FLUORESCENCE DETECTION (FD) – USEFUL OR NOT?

Chair:
L.R. Braathen, R.M. Szeimies

09:05 – 09:20 a.m. **Mechanism & Devices for FD, Autofluorescence, potential clinical use**
O-01
W. Bäumlner, Regensburg

09:20 – 09:35 a.m. **Image warping and FD**
O-02
M. Ericson, Gothenburg

09:35 – 09:50 a.m. **Imaging Metvix – FD of AK's and BCC's with a simple handheld digital camera**
O-03
K. Saarinen, Lahti

09:50 – 10:05 a.m. **Heterogeneity of fluorescence in psoriasis after application of ALA**
O-04
T. Smits, Nijmegen

10:05 – 10:20 a.m. **Pathologic changes after MAL-PDT of BCC and Bowen's disease. An histologic and immunohistochemical investigation**
O-05
F. Fantini, Modena

10:20 – 10:30 a.m. **PDT for extensive Bowen's disease**
O-06
R. Sorbellini, Macerata

10:30 – 11:00 a.m. **Induction of apoptosis by PDT with porphyrin precursors in human cancer cells**
O-07
Q. Peng, Oslo

11:00 – 11:30 a.m. *Coffee break*

SKIN REJUVENATION WITH PDT – EVIDENCE?

Chair:
C.A. Morton, A. Sidoroff

11:30 – 11:50 a.m. **Study – update, indications for PDT in esthetic dermatology**
O-08
R. Ruiz-Rodriguez, Madrid

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Inselspital University Hospital, Auditorium Ettore Rossi, Entrance 31A, Berne, Switzerland

11:50 – 12:05 a.m. **Overview on PDT in esthetic dermatology**
O-09 L. Polla, Geneva

LIGHT SOURCES – WHICH ONE IS USEFUL?

12:05 – 12:20 a.m. **Overview on currently available light sources**
O-10 R.M. Szeimies, Regensburg

12:20 – 12:35 a.m. **PDT with light-source from underneath the lesion:
"Subluminescence"**
O-11 W. Strasser, Freiburg

12:35 – 12:50 a.m. **Comparative trial LED vs. incoherent lamp**
O-12 P. Babilas, Regensburg

NO PAIN, NO GAIN? – PAIN AVOIDANCE STRATEGIES

12:50 – 01:10 p.m. **Pain with PDT: Pathophysiology and Management**
O-13 F. Hevert, Laupheim

01:10 – 01:20 p.m. **Comparison of pain with ALA-MAL**
O-14 S.R. Wiegell, Copenhagen

01:20 – 01:30 p.m. **Pain management – strategies**
O-15 A.M. Wennberg, Gothenburg

01:30 – 01:45 p.m. **PDT doesn't have to be painful: experiences with facial nerve
block and tumescent anaesthesia**
O-16 M. Tanner, Nördlingen

01:45 – 02:00 p.m. **Side effects of PDT beside pain**
O-17 P. Lehmann, Wuppertal

02:00 – 03:00 p.m. *Lunch*

Chair:
A.M. Wennberg, H.C. Wulf

03:00 – 03:30 p.m. **Update on PDT for AK, Bowen's Disease and sBCC incl. long
term data**
O-18 A. Sidoroff, Innsbruck

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Inselspital University Hospital, Auditorium Ettore Rossi, Entrance 31A, Berne, Switzerland

PDT FOR BCC

- 03:30 – 03:45 p.m. **Selectivity of PDT in BCC**
O-19 E. Angell-Petersen, Oslo
- 03:45 – 04:00 p.m. **MAL-PDT: a reliable treatment of nBCC – results of 5 year follow-up**
O-20 R.M. Sziemias, Regensburg
- 04:00 – 04:15 p.m. **5 year follow-up in sBCC treated with MAL-PDT**
O-21 N. Basset-Seguin, Paris
- 04:15 – 04:25 p.m. **PDT in private practice – the difficult cases**
O-22 J. Funk, Moss

04:45 – 04:55 p.m. *Coffee break*

Chair:

N. Basset-Seguin, R. Hunger

- 04:55 – 05:10 p.m. **Fractionated illumination significantly improves the response of sBCC to ALA-PDT**
O-23 E. de Haas, Rotterdam
- 05:10 – 05:20 p.m. **Our experience with PDT for treatment of multiple BCC**
O-24 D. Roseeuw, Brussels
- 05:20 – 05:30 p.m. **PDT in Gorlin's patients**
O-25 J. Lear, Manchester

EVIDENCE BASED MEDICINE

- 05:30 – 05:50 p.m. **The evidence base and ratings for PDT today – International PDT guidelines**
O-26 C.A. Morton, Falkirk
- 07:15 p.m. **Departure for Congress Dinner**
(only for the Congress Dinner registered participants)
- 08:15 p.m. **Congress Dinner**

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SCIENTIFIC PROGRAM - SATURDAY, APRIL 1ST, 2006

Inselspital University Hospital, Auditorium Ettore Rossi, Entrance 31A, Berne, Switzerland

08:30 – 09:00 a.m. *Registration*

CANCER PREVENTION WITH PDT IN IMMUNOCOMPROMISED PATIENTS

Chair:
Q. Peng, F. Hevert

09:00 – 09:15 a.m. **Overview**

L.R. Braathen, President EURO-PDT, Berne

09:15 – 09:30 a.m. **Skin cancer risk associated with immunosuppressive drugs**
O-27

B. Keller, Berne

09:30 – 09:40 a.m. **Successful treatment of severe warts and actinic keratoses with
topical MAL-PDT in an immunodeficient patient**
O-28

S. Nestoris, Lemgo

POTENTIAL OF TREATING INFECTIONS WITH PDT

09:40 – 09:55 a.m. **PDT of skin and nail mycoses**
O-29

P. Calzavara-Pinton, Brescia

09:55 – 10:10 a.m. **PDT for onychomycosis**
O-30

T. Gobello, Rome

10:10 – 10:20 a.m. **PDT and warts**
O-31

C. Bédane, Limoges Cédex

ACNE & ROSACEA

10:20 – 10:35 a.m. **PDT for acne vulgaris**
O-32

H.C. Wulf, Copenhagen

10:35 – 10:50 a.m. **A multicenter study of topical MAL-PDT for treatment of facial
acne vulgaris**
O-33

J. Funk, Moss

10:50 – 11:20 a.m. *Coffee break*

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SCIENTIFIC PROGRAM - SATURDAY, APRIL 1ST, 2006

Inselspital University Hospital, Auditorium Ettore Rossi, Entrance 31A, Berne, Switzerland

Chair:
P. Calzavara-Pinton, T. Warloe

- 11:20 – 11:35 a.m. **PDT for rosacea**
O-34 L.E. Bryld, Copenhagen
- 11:35 – 11:55 a.m. **PDT for acne in the USA**
O-35 A. Taub, Lincolnshire
- 11:55 – 12:05 a.m. **Phototoxicity of a novel porphyrine photosensitizer against MRSA using an ex vivo porcine skin model**
O-36 T. Maisch, Regensburg
- 12:05 – 12:25 a.m. **PDT for inflammatory skin diseases – where are we now? Overview**
O-37 S. Karrer, Regensburg
- 12:25 – 12:35 a.m. **Our experience with Penile Intraepithelial Neoplasia (PIN) and PDT**
O-38 A.M. Wennberg, Gothenburg
- 12:35 – 12:45 a.m. **Preliminary results from a study on VIN, using sequential Aldara/PDT**
O-39 J. Lear, Manchester
- 12:45 – 12:55 a.m. **PDT for anal cancer in situ**
O-40 T. Warloe, Oslo
- 12:55 – 01:05 p.m. **Topical MAL-PDT for the treatment of cutaneous breast cancer metastases**
O-41 R. Barry, Portsmouth
- 01:05 – 01:15 p.m. **Topical PDT as adjuvant treatment for extramammary Paget's disease (EMPD)**
O-42 S.T. Kint, Brussels
- 01:15 – 01:25 p.m. **Application for topical MAL-PDT other than in non-melanoma skin cancer**
O-43 L. Mavilia, Messina

POSTER & BEST PRESENTATION PRIZES

- 02:00 p.m. **Closure of the meeting**
L.R. Braathen, President EURO-PDT, Berne

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SCIENTIFIC PROGRAM - SATURDAY, APRIL 1ST, 2006

Inselspital University Hospital, Auditorium Ettore Rossi, Entrance 31A, Berne, Switzerland

SESSION OF THE NORDIC WORKING GROUP ON PDT

03:00 – 05:00 P.M.

CHAIR: A.M. WENNBERG, GOTHENBURG

- 03:00 – 03:15 p.m. **Welcome and Introduction**
A.M. Wennberg
- 03:15 – 03:30 p.m. **History of PDT**
T. Warloe
- 03:30 – 04:00 p.m. **PDT in Nordic Countries – result of a questionnaire**
M. Tarstedt
- 04:00 – 04:30 p.m. **Quality of life in AK patients**
S. Esmann
- 04:30 – 04:45 p.m. **Discussion**
All
- 04:45 – 05:00 p.m. **Closing remarks**
A.M. Wennberg

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POSTERS

Inselspital University Hospital, Entrance 31A, Room 2 + 3, Berne, Switzerland

- P – 01** TOPICAL PDT WITH DALA AND MAL: COMPARISON OF PAIN IN DIFFERENT ANATOMICAL LOCALISATIONS
Magdolna Gaál, Rolland Gyulai, Lajos Kemény
Department of Dermatology and Allergology, University of Szeged, Hungary
- P – 02** PSYCHOLOGICAL ASPECTS OF ACTINIC KERATOSIS
Solveig Esmann, Gregor B.E. Jemec
Department of Dermatology, University of Copenhagen, Roskilde Hospital, Denmark
- P – 03** PHOTODYNAMIC THERAPY FOR COPD TREATMENT. THE FIRST CLINICAL RESULTS
Nick E. Vasiliev
Siberian center of laser medicine, Novosibirsk State, Russia
- P – 04** MAL-PDT IN THE TREATMENT OF BOWEN'S DISEASE: EXPERIENCE OF SAN GALLICANO INSTITUTE
L. Eibenschutz, V. Silipo, S. Marena, C. Catricalà
San Gallicano Dermatological Institute, IRCCS Rome, Italy
- P – 05** UNSUBSTITUTED ALUMINIUM PHTHALOCYANINE NANOPARTICLES AS PHOTSENSITIZER FOR PDT
Kogan B.Ya.¹, Butenin A.V.¹, Pankratov A.A.², Yakubovskaya R.I.², Bluhterova N.V.³, Feysulova R.A.¹, Puchnova V.A.¹, Negrimovsky V.M.¹, Luk'yanets E.A.¹, Vorozhtsov G.N.¹
¹ Organic Intermediates and Dyes Institute, ¼ B. Sadovaya street, 123995, Moscow, Russia. ² P.A. Hertsen Moscow Research Oncology Institute, 3, 2th Botkinsky proesd, 125284, Moscow, Russia. ³ Biochemical Physics Institute, 4 Kosygin street, 119991, Moscow, Russia.
- P – 06** OXYGEN TENSION MEASUREMENTS IN TUMOR DURING PDT USING PHOSPORESCENT PROBE
Butenin A.V.¹, Kogan B.Ya.¹, Pankratov A.A.², Yakubovskaya R.I.², Kaliya O.L.¹, Luk'yanets E.A.¹, Vorozhtsov G.N.¹
¹ Organic Intermediates and Dyes Institute, ¼ B. Sadovaya street, 123995, Moscow, Russia. ² P.A. Hertsen Moscow Research Oncology Institute, 3, 2th Botkinsky proesd, 125284, Moscow, Russia. ³ Biochemical Physics Institute, 4 Kosygin street, 119991, Moscow, Russia.

- P – 07** MAL-PDT OF DISCOID LUPUS ERYTHEMATOSUS
M. Venturini, R. Sala, R. Capezzeria, C. Zane, P. Calzavara-Pinton
Department of Dermatology, Spedali Civili, Brescia, Italy
- P – 08** PHOTODYNAMIC THERAPY WITH METHYL AMINOLEVULINATE AS A VALUABLE TREATMENT OPTION FOR UNILESIONAL CUTANEOUS T CELL LYMPHOMA
M. Venturini, R. Sala, R. Capezzeria, C. Zane, P. Calzavara-Pinton
Department of Dermatology, Spedali Civili, Brescia, Italy
- P – 09** MAL-PDT PHOTOREJUVENATION
C. Zane, M. Venturini, R. Sala, R. Capezzeria, P. Calzavara-Pinton
Department of Dermatology, Spedali Civili, Brescia, Italy
- P – 10** TOPICAL DELIVERY OF AMINOLEVULINIC ACID AND ITS ESTERS: INFLUENCE OF DRUG HYDROPHOBICITY AND VEHICLE TYPE ON IN-VITRO DRUG PENETRATION INTO NEONATAL PIG SKIN AND IN-VIVO PRODUCTION OF PROTOPORPHYRIN IX
D. I. J. Morrow¹, R. F. Donnelly^{1,2}, P. Juzenas², V. Iani², J. Moan², and P. A. McCarron¹
¹School of Pharmacy, Queens University Belfast, Northern Ireland.
²Biophysics Department, The Norwegian Radium Hospital, Oslo, Norway.
- P – 11** MAL-PDT IN ACTINIC KERATOSES IN ORGAN TRANSPLANT RECIPIENTS
P. Redondo, M. Pretel, M. Marquina, J. Del Olmo, L. Aquado
Department of Dermatology, University Clinic of Navarra, Pamplona, Spain
- P – 12** POTENTIAL OF NEEDLE-FREE INJECTION TECHNOLOGY IN TOPICAL PHOTODYNAMIC THERAPY. INITIAL DRUG DELIVERY EXPERIMENTS
MJ Garland, DIJ Morrow, PA McCarron, RF Donnelly
School of Pharmacy, Queen's University Belfast, Northern Ireland
- P – 13** TRANSCUTAN ELECTRICAL NERVE STIMULATION AS A PAIN RELIEF DURING PHOTODYNAMIC THERAPY OF ACTINIC KERATOSIS: A PILOT STUDY
Ch. Halldin, M.B. Ericson, J. Paoli, C. Sandberg, A.M. Wennberg
Department of Dermatology, Sahlgrenska University Hospital, Gothenburg, Sweden
- P – 14** CASE REPORTS OF RECALCITRANT WARTS TREATED SUCCESSFULLY WITH MAL-PDT
C. Adam
Hôpital Civil de Châtelet, Charleroi, Belgium

- P – 15** THE EFFICACY OF MAL-PDT IN THE TREATMENT OF UNILESIONAL CUTANEOUS T CELL LYMPHOMA
J. Hegyi, M. Konecná, Z. Kulíková, I. Obstová, P. Arenberger
Department of Dermatovenerology, Prague, Czech Republic
- P – 16** GRANULOMA ANNULARE TREATED WITH MAL-PDT, A CASE REPORT
S. Campbell
Department of Dermatology, Cornwall Hospital, Truro Cornwall, UK
- P – 17** SUCCESSFUL TREATMENT OF BOWEN'S DISEASE WITH MAL-PDT
R. Aschoff
Klinik und Poliklinik für Dermatologie an der Technischen Universität Dresden, Germany
- P – 18** LONG-TERM FOLLOW-UP OF A MULTICENTRE STUDY OF MAL-PDT IN ORGAN TRANSPLANT RESIPIENTS WITH NON-MELANOMA SKIN CANCER: 15 MONTH DATA
AM Wennberg, S. Keohane, JT Lear, G. Jemec, C. Mork, E. Christensen, A. Kapp, H. Solvsten, T. Talme, B. Berne, E. Stockfleth
Department of Dermatology and Venerology, Sahlgrenska University Hospital, Gothenburg, Sweden
- P – 19** PATIENT SATISFACTION AFTER TREATMENT OF BASAL CELL CARCINOMA AND ACTINIC KERATOSES WITH MAL-PDT COMPARED TO PREVIOUS OTHER THERAPIES
C. Vinciullo, M. Tarstedt, DM Pariser, WD Tope, P. Foley
- P – 21** INTRA-INDIVIDUAL, RIGHT-LEFT COMPARISON OF MAL-PDT AND CRYOTHERAPY IN SUBJECTS WITH ACTINIC KERATOSES: A MULTICENTRE, RANDOMIZED, CONTROLLED STUDY
C. Morton, S. Campbell, G. Gupta, S. Keohane, J. Lear, I. Zaki, S. Walton, N. Kerrouche, G. Thomas, P. Soto
- P – 22** SUCCESSFUL TREATMENT OF KERATOSIS LICHENOIDES CHRONICA USING PHOTODYNAMIC THERAPY
N. López Navarro, R. Bosch García, A. Tejera Vaquerizo, E. Herrera Ceballos
Department of Dermatology, Clinic Hospital "Virgen de la Victoria", Málaga, Spain