



World Academy of BioMedical Sciences and Technologies
WABT – WABT House – WABT Alliance – WABT Network
14th WABT General Conference



14th WABT Annual General Conference

4th WABT Outdoor General Conference

December 10-12, 2010, Budapest, Hungary

Corvinus University of Budapest



December 10, Friday Evening

6 – 7 PM WABT Press Conference

7.30 – 10.30 PM Welcome Cocktail Party

Lido Casino Restaurant - 1056 Budapest Szabadsajtó Street 5
offered by WABT International

December 11, Saturday

8.30 AM – 6 PM

Corvinus University of Budapest

1093 Budapest, Fővám Square 8

MEDLIFE 2010

The First International Meeting on Medicine of Life

The Male Factor – The Y Factor

Morning Session

Male Fertility

Germ Stem Cells

**Male Microsurgery < Videos Live-Microsurgery Session >
Live Demonstration High Magnification Selection of Human
Spermatozoa with LEICA Instrumentation
Infrared in Microsurgery of Male Infertility
The Female Factor in Male Infertility**

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Szabo GABOR
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Delegate Islands and SI
Giovanni D'AYALA

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Giovanni D'AYALA

Afternoon Session

The Sperm Lab

Legal Aspects on Human Reproduction

G E R M - Gender – Related Medicine and Male Surgery

Medical Responsibility in Gender-Related Surgery

8.30 PM Gala Dinner

Central Café -1053, Budapest, Károlyi Mihály Street 9
offered by CIRIS International

December 12, Sunday Morning 8.30 – 12.30 AM

Corvinus University of Budapest

1093 Budapest, Fővám Square 8

VIRTUAL MED 2010

The First International Meeting on Virtual Medicine

● **Innovation Technology and Health** ●

Knowledge and Technology Transfer

in Educational Medicine and HealthCare Services and Providers

Denis CARROLL, London, UK

**Engineering Information Technology
for Health in Emergency Management**
Marcella COCCANARI, Rome, Italy

Simulation Medicine in Anesthesiology
Edomer TASSONYI, Budapest, Hungary

Holographic Infrared Medical Imaging
Mihaly SZACSKY, Budapest, Hungary

Robotic Surgery and Microsurgery
Peter BRETT, London, UK

Web – Health Services and Providers
Andrew MARSH, HoIP, London, UK

Hubs for TeleMedicine and eHealth
Giuseppe TRITTO, WABT, Paris, France

YOUTH in Science and Society:WVO NGTP-Next Gen Training Program

Junior Speaker: Eva KASZAB, Space for Earth Foundation

Principles of eGovernance in ICT for HealthCare Systems

●

Legal Aspects in TeleMedicine
Maria BORDAS, University of Corvinus Budapest, Hungary

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WABT Operative
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MEDLIFE 2010

The First International Meeting on Medicine of Life

The Male Factor – The Y Factor

in cooperation with CIRIS International

December 11, Saturday, Corvinus University of Budapest

Morning Session 8.30 AM – 13 AM Main Conference Room 1

8.30 Opening Ceremony: The WABT Project "Medicine of Life"

G.TRITTO, Executive President WABT

WABT Science and Art Event: BOTTICELLI Az Erények nyomában
M.me Zsuzsanna WIERDL, ICOMOS, Hungarian National Committee

9.00 Andrology or Men's Health Medicine

Prof. Sujoy GUHA President Society of Andrology India, IIT Kharagpur, India

9.30 Round Table on Videos Live-MicroSurgery: - Microsurgery of Male Infertility:

LUSTT,MIVAS,MIRES, Chairmen Dr. Edit ERDEI, Hu, Dr. Nino Guy CASSUTO, Fr

The Role of the Testicular Biopsy in the Azoospermic Patient, Dr. Edit ERDEI, CMM, WABT CES

Live Microsurgery Demonstration: Classical Microsurgical Sperm Retrieval or LUSTT?

Operator: LUSTT: Giuseppe TRITTO, MD, FACS Microsurgical Infrared: Mihaly SZACSKY, PhD

The SET-VDM Test:SEminiferous Tubule Vital Dye Morphology, Ph.D. Melinda NAGY, CIRIS Budapest

The N-MEIOTEST: Meiotic Analysis in Real-Time, Dr. Marie-Odile NORTH, Paris, France

Quantitative Histo-Morphology of Testicular Biopsy, Dr. Ilona LELLEI, Budapest, Hungary

Live Demonstration: High Magnification Sperm Analysis in IMSI

Leica Inverted Microscope Microsystem, Dr.Nino Guy CASSUTO, Paris, France

Coffee break

11.00 Clinical Potential of Human Male Germline Stem Cells

Prof. Martin DYM, Georgetown University, Washington, USA

11.30 Meiosis and Infertility

Dr. Marie-Odile NORTH, Cochin Hospital, Paris, France

12.00 High Magnification Classification and Selection of Human Spermatozoa for IMSI

Ph.Dr. Nino Guy CASSUTO, Laboratoire Drouot, Paris, France

12.30 The Female Factor in Male Infertility

Dr. Andrè HAZOUT, RDP, Paris, France

13.00 Lunch – Lido Casino Restaurant

14.20 The CIRIS Project: The integrated Approach to Couple Infertility and Human Reproduction Strategies

Dr. Zoltan VASS, Medical Director CIRIS Budapest, Hungary

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14.30 Infrared Imaging Technologies for Microsurgery of Male Infertility

Dr. Mihaly SZACSKY, Institute of Technology - BME, Budapest, Hungary

The Sperm Lab

14.50 Atomic Force Microscopy and Raman Spectroscopy of Isolated Human Spermatozoa

Ph.Dr. Koel Chaudhury, ITT, Kharagpur, West Bengal, India

15.10 Cell Sperm Lab: Micro and NanoTechnology Solutions for Spermatogenetic Cell Sorting and Selection

Ph.Dr. Xiang-Hong MA and Mark PRINCE, Birmingham, UK – Marie-Odile NORTH, Paris, France – Peter BRETT, London, UK

15.20 Genetic Screening in Male and Female Infertility

Dr. Andras TOTH, Defence Ministry State Health Center, Budapest, Hungary

15.40 Challenges in Genetics of Male Infertility

Dr. Csilla Krausz, Department of Clinical Physiopathology, Florence, Italy

16.00 Not any longer Sick Children: Prevention of Viral Diseases in Pregnancy

Prof. Giulio TARRO, Beaumont-Bonelli Foundation, Naples, Italy, Center for Bio Technology, Sbarro Health Research Institute, Temple University, Philadelphia, USA

16.20 Coffee break

16.30 BioInformatics and eHealth Services and Providers for Human Reproduction

Prof. Andrew MARSH, HoIP, Westminster University, London, UK

16.45 I T E H M - Innovation Technology, Economics and Human Health Medicine

Prof. Giuseppe TRITTO, WWO – WABT, Paris, Fr, EU

Human Reproduction, Gender – Related Medicine, International Rights and Laws

17.15 BioTechnologies and Human Reproduction: The Legal Aspects in Europe

Lawyer Alice KAROUBI-NORDON, ICET, Ascott Associates, Paris, France

17.30 Medical Responsibility in Gender-Related Surgery: *Person's concept in the European right. The guardianship of the "gender" and the aware choice.*

Lawyer Marcella COCCANARI, ICET, Coccanari Firm, Rome, Italy

17.45 Official Ceremony

Foundation of The International Society of Medicine of Life – MED LIFE

World Academy of BioMedical Sciences and Technologies
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14th WABT General Conference



December 12, Sunday Morning, Corvinus University of Budapest

8.30 – 12.30 AM Main Conference Room 1

I-III Institutions for Information, Innovation, Intelligence

WVO-WABT and Space for Earth Foundation

launch the First International Initiative of I-III on Balcans

"Development and Political Security"

Tirana, March 2011

G.TRITTO – L.SZALONTAI

VIRTUAL MED 2010

The First International Meeting on Virtual Medicine

In cooperation with ICET, Space for Earth Foundation
and Pannon-Palatinus Academy

● Innovation Technology and Health ●

Knowledge and Technological Transfer

in Medical Education and Healthcare Services and Providers

The Assisted Living Toolbox

Denis CARROLL - Andrew MARSH, ICET, HoIP, University of Westminster, London, UK



Intellectual Property in Europe for BioMedical Technologies

Alice KAROUBI NORDON, ICET, Ascott-Associates, Paris, France



Engineering Information Technology for Health in Emergency Management

Marcella COCCANARI, ICET, Paris, France – Coccanari Lawyer Firm, Rome, Italy



Simulation Medicine in Anesthesiology

Edomer TASSONYI, University Medical Center, Debrecen, Hungary



Holographic Infrared Medical Imaging

Mihaly SZACSKY, University of Technology – BME, Budapest, Hungary



TTM - Thermal Texture Mapping: Application of Medical Evaluation

Liu ZHONGQI, Li SHUNNAN and Liu ANSHENG



Robotic Surgery and Microsurgery

Peter BRETT, Brunel University, London, UK

Perspectives in NanoMedicine

Viktor MASENKO-MAVI, Lawyer

Ethics of Science and Scientific Research (Space for Earth Foundation)



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Web – Health Services and Providers

Andrew MARSH, HoIP, Westminster University, London, UK



H U B S - Hubs for TeleMedicine and eHealth

Giuseppe TRITTO, WABT, Paris, France



YOUTH in Science and Society: WWO NGTP-Next Generation Training Program
Junior Speaker: Eva KASZAB, Space for Earth Foundation
Principles of eGovernance in ICT for HealthCare Systems



Legal Aspects in TeleMedicine

Maria BORBAS, University of Corvinus Budapest, Hungary



Official Ceremony

Foundation of The International Society of Virtual Medicine – VIRTUAL MED

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www.theworldwabt.org

CIRIS International

www.ciris.hu

ICET – The International Council for Engineering and Technology

www.the-icet.org

WWO – The World WABT Organization Network

www.wwo.org

SAI – Society of Andrology India

www.sai.in

IASTA – International Association of Sciences and Technologies in Andrology

www.wabthouse.org

IASS – IASA – International Association of Sexual Surgery/Surgical Andrology

www.wabthouse.org

AEFF - Association for Study of Female Fertility

www.wabthouse.org

HoIP – Healthcare over Internet Protocol

www.hoip.eu

Space for Earth Foundation

www.spaceforearth.com

Pannon Palatinus

www.pannonpalatinus.hu

WABT CES

www.wabthouse.org

The Institute for Life

www.instituteforlife.org

WABT Conference

10 – 12 December 2010, Budapest, Hungary

Main Theme : Medicine of Life

Medicine of Life is defined as a new medical discipline that links on inter-operability bases Male and Female Fertility, Human Reproduction and Embryos Development

This Clinical and BioMedical Field is at the core of the Health Gate for the Ethics, International Rights and Laws, Innovation Technologies and BioTechnologies for Human Applications through BioInformatics, Genetics, Germ Stem Cells Research and Therapy and represents the strategic core for Human Wellbeing and Quality of Life.

The World Academy of BioMedical Sciences and Technologies is proud to promote

The First International Meeting on Medicine of Life

MED-LIFE 2010

under the aegis of the 14th WABT General Conference

with the support of Hungarian institutions and partners and with the sustain of CIRIS International.

Main Topics: Germ Stem Cells, Male Fertility Factor, Testicular Biopsy, Meiosis and Spermatogenesis, Microsurgery of Male Infertility, BioTechnologies in Human Reproduction, IMSI Technique, Innovation Technologies in Male Reproduction, The Sperm Laboratory, Infrared Technologies

The First International Conference on Medicine of Life – MED-LIFE 2010 – will be held December 11 at the Corvinus University, and will be centered on the new technological and biotechnological advances in **Male Fertility and Microsurgery** with the Ethical and Legal Aspects of Sperm Selection for IMSI and Embryos Development.

An international panel of world-wide distinguished speakers will illustrate the advantages of the new technical, medical and microsurgical approaches and their impact on a responsible reproduction; the international experts will meet representatives of the civil society in an „open door” round table on the value of a new Quality of Life Medicine in Human Reproduction. The Conference is open to pre- and post-graduated students in biomedical field and related disciplines.

The MED-LIFE 2010 will open with a cocktail Party, Friday evening December 10, at the Lido Casino Restaurant in the historical Center of Budapest. A Gala Dinner will be offered to the invited and registered participants at the Cafe Central, December 11.

The project of the Foundation Institute for Life - IFL, promoted by WABT, will be presented to the invited guests and to the communication media by the CEOs of the European Institute for Life (EIFL non profit Ltd), an international non-for profit company of public interest.

The CEO of CIRIS International will present the creation of the First European Clinic for Male Microsurgery – CMM, in Budapest.

Science and Peace Awards will be assigned to Hungarian personalities and donations will be collected for the IFL Foundation.

Main Theme : Virtual Medicine

Virtual Medicine is defined as a new technological biomedical branch that conveys in a virtual portal the technological potentialities of the virtual and augmented reality with the links on the web clouds to support continuous medical training and to interface medical communities with research workers and social networking.

Using the informatic tools and info-technologies, it is a reality today to implement continuous education training in medical and surgical disciplines in artificial, dedicated environments of virtual reality; on the other side the cyber-space permits to develop portals and gates for medical consulting network for specialized procedures and for interactive access to dedicated data-bases and archives. One of the major items of Virtual Medicine is Simulation for Medicine and Surgery, to create appropriate virtual environments, to simulate clinical and surgical situations and decision-making processes, to train surgeons on high skills of performances on microsurgery and robotic surgery, to test new interactive surgical devices, biosensors and bioactuators at different scales of utilization from open-surgery to laparoscopic surgery to microsurgery, to create 3-D dynamic holographic images of the human body for clinical evaluations.

The World Academy of BioMedical Sciences and Technologies is proud to promote

The First International Meeting on Virtual Medicine

VIRTUAL MED 2010

under the aegis of the 14th WABT General Conference

with the scientific and technical support of Space for Earth Foundation and Pannon Palatinus.

Main Topics: Virtual Environment Technologies, Simulation Systems and Models in Medical Fields, The Cyber-Space and the Virtual Interaction, Physical Actuators for Action, Biosensors for Feedback in Control Systems, Information Transfer and Remote Actions through the Cloud, Educational Training in Simulation Medicine for Health Operators, Professional Training in Virtual Medicine for non medical Health Operators, Services and Providers for Health Operators, Services and Providers for Consumers in Health and Health-Care

The First International Conference on Virtual Medicine – MED-LIFE 2010 – will be held December 12 at the Corvinus University, and will be centered 1. on the Virtual Reality technological advances, including innovative Imaging Technologies, linked to Microsurgery and Robotic Surgery and 2. on Telemedicine, e-Health Gates and m-Services and Providers for Health and Health-Care Operators.

The Scientific Meeting will rule out at the Conference Room I and is open to pre- and post-graduated students in biomedical fields, economics and bio-economics, informatics and bio-informatics and innovation technologies.

At the end of the meeting, WABT Presidency and Board will present the project of constitution of the International Association on Virtual Medicine, as a new Member of WWO Network.

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