INTERNATIONAL UPDATE
IN REHABILITATION
IUR 2018

15th International Biophilia Rehabilitation Conference

REHABILITATION MEDICINE TO THE SUPER-AGED SOCIETY

June 28-29, 2018
CUMFeR
Viale Abruzzo, 322 - Chieti - Italy
Gabriele d’Annunzio University Chieti-Pescara
GREETINGS

Prof. Raoul Saggini
Full Professor, Department of Medical Oral and Biotechnological Science, Director of Postgraduate School in Physical Medicine and Rehabilitation and President of Degree Course in Physiotherapy, "Gabriele d'Annunzio" University, Chieti-Pescara, Italy

It is with great excitement and need of international exchange that we are pleased to organize the 15th edition of the IBRC as host institution. The aim of this experience will be an international exchange of rehabilitative experience that would give rise to new approaches more and more effective and valuable for the outcomes of the patients.

Comparation of working, assessment and therapeutic approach methodologies is the foundation of a multidisciplinary learning that can produce results on shared methodological guidelines.

The approach to chronic disease in these areas becomes a topic of great interest for the population, for the health care specialists, for the government management that handles the health world. This experience wants to be a guideline to search a shared way to the achievement of organizational and economics health care useful goals in the management of disability. For these reasons, I take this opportunity to thank bodies and academic institutions that have allowed this international exchange.

Welcome to IUR 2018
28th OF JUNE, 2018

8:30 Participants Registration

I SESSION - Rehabilitation Medicine in Third and Fourth Age

9:00 Community Based Rehabilitation, Vocational Rehabilitation in Super Aged Community
  - Alessandro Giustini
9:20 History of the International Biophilia Rehabilitation Academy - By the Distribution Reports of a News Agency of Japan
  - Takizawa Shigeo
9:40 Effect of motivative exercise based on the imaging of fNIRS and fMRI
  - Toshiyuki Tanaka
10:00 Fibromyalgia in third age
  - Roberto Paganelli

II SESSION - Surgical therapy and musculoskeletal rehabilitation in cancer patients

10:20 Oncologic Surgery in elderly patients
  - Giulio Maccauro
10:40 Progresses in musculoskeletal oncology and future perspectives
  - Pietro Ruggieri
11:00 COFFEE BREAK
11:30 The oncological rehabilitation
  - Raoul Saggini
11:50 Rehabilitative therapeutic cannabis: New frontiers
  - Marco Bertolotto

III SESSION - Physical Activity and Therapeutic Exercise

12:10 Physical Exercise and Aging: Appraisal and Reappraisal
  - Mieczyslaw Pokorski
12:30 The role of chemoreceptors in the ventilatory response and in rehabilitation
  - Camillo Di Giulio, Andrea Mazzatenta
12:50  Discussion

13:30  LUNCH BREAK

IV SESSION - Cardiovascular and respiratory rehabilitation in elderly patient

14:30  Cardiac Rehabilitation: The Best Rehabilitation Has to Offer
  - Ioan-Sorin Stratulat
14:50  EBM and EBP in the treatment of chronic low back pain: a systematic review of the Literature
  - Manuel Gonzalez Sanchez
15:10  Cardiovascular rehabilitation in elderly patient
  - Maria Consiglia Calabrese
15:30  Respiratory rehabilitation in thoracic surgery: a comparison of methods
  - Antonella Di Iulio

V SESSION - Workshop

15:50  Focused acoustic-mechanical vibration with square wave waves and electromagnetic stimulation of microcirculation in the treatment of sarcopenic patient
  - Claudia Barbato
16:20  Pulsed electrostatic impulses in vascular rehabilitation of elderly patient
  - Piera Attilia Di Felice
16:50  Interactive neuromodulation: new therapeutic strategies
  - Romano De Santis
17:20  Panel Discussion
18:00  Exhibition of University Choir

18:30  Closure of Conference Day
Opening of the Conference Day

I SESSION • Pelvic floor rehabilitation

9:00 Assessment of the activity of pelvic floor muscles depending on various conditions
  ▪ Tomasz Halski
9:20 Pelvic floor dysfunctions: integrated rehabilitative approach
  ▪ Giovanni Barassi

II SESSION • Rehabilitative Aspects in chronic patients

9:40 Pulmonary rehabilitation in XXI century - how to rise to this challenge
  ▪ Dariusz Jastrzebski
10:00 Assessment of changes in ventilation parameters and EMG activity of accessory respiratory muscles after PNF breathing stimulation in chronic stroke patients
  ▪ Lucyna Ptaszkowska, Tomasz Halski
10:20 Interval exercise training in patients with chronic diseases
  ▪ Aleksandra Zebrowska
10:40 Different experiences in rehabilitation of osteoporotic patients
  ▪ Jacek Durmala
11:00 The use of hyperbaric oxygenation in treatment of Lyme artritis
  ▪ Agnieszka Pedrycz
11:20 COFFEE BREAK

III SESSION • Workshop

11:50 Use of low frequency and high intensity ultrasound in the treatment of elderly patient
  ▪ Piera Attilia Di Felice
12:20 Recovery of ankle and sub-astragalic mobility in the sarcopenic patient
  ▪ Matteo Crudeli, Loris Prosperi
12:50 Panel Discussion

13:30 Closure of the Conference
RELATORI
LECTURERS

Giovanni Barassi
PhD, Lecturer and Coordinator of Faculty of Physiotherapy, “G. d’Annunzio” University Chieti-Pescara, Research group A.I.F.I. and S.I.F.I.R. - Italy

Claudia Barbato
Clinical Tutor and Lecturer of Faculty of Physiotherapy “G. d’Annunzio” University Chieti-Pescara - Italy

Marco Bertolotto
Director of Pain Therapy and Palliative Care, Director of Department of Rehabilitation, “Santa Corona” Hospital, Pietra Ligure (SV) - Italy

Maria Consiglio Calabrese
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Matteo Crudeli
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Romano De Santis
Physiotherapist, Specialized in Osteopathy and Chiropractic - Italy

Piera Attilia Di Felice
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Antonella Di Iulio
Division of Thoracic Surgery, “Santo Spirito” Hospital, Pescara; Clinical Tutor and Lecturer of Faculty of Physiotherapy “G. d’Annunzio” University Chieti-Pescara - Italy

Jacek Durmala
President of Polish Rehabilitation Society Department of Rehabilitation; Medical University of Silesia, Katowice - Poland
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<th><strong>Manuel Gonzalez Sanchèz</strong></th>
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<td>Scientific Director Rehabilitation Hospital San Pancrazi; Chairman of Community Based Special Interest Scientific Committe (WFNR) - Italy</td>
<td>Lecturer of Faculty of Health Sciences Physiotherapy Department University of Malaga - Spain</td>
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<td>Rector Opole Medical School Poland</td>
<td>School of Medicine with the Division of Dentistry, Department of Lung Disease and Tuberculosis, Medical University of Silesia; Chairman of the Branch Katowice Polish Society for Lung Diseases and Tuberculosis - Poland</td>
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<th><strong>Giulio Maccauro</strong></th>
<th><strong>Andrea Mazzatentà</strong></th>
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<td>Full Professor of Internal Medicine, Clinical Immunology &amp; Allergy, &quot;G. d'Annunzio&quot; University, Chieti-Pescara - Italy</td>
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<td>Assistant professor, researcher and didactic at the Department of Physiotherapy at Opole Medical School - Poland</td>
<td>Professor and Chair, Department of Orthopedics and Orthopedic Oncology; Director of Residency Program - Orthopedics and Traumatology; Director of the Scientific Center for Research on Musculoskeletal Tumors &quot;Mario Mercuri&quot;, University of Padova - Italy</td>
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Full Professor in PRM, Director of Post Graduate Medical School of PRM, President of Faculty of Physiotherapy “G. d’ Annunzio” University of Chieti-Pescara - Italy

Ioan-Sorin Stratulat
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Inventor and President of Biophilia Institute - Japan

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Raoul Saggini

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