



Society For Connective Tissues CMA J.E. Purkyně & Society for Prosthetics and Orthotics CMA J.E. Purkyně  
& Czech Medical Association J.E. Purkyně & Medical University of Lublin & Vincent Pol University in Lublin

invite you to

# THE 25<sup>TH</sup> PRAGUE-LUBLIN SYMPOSIUM

## Locomotor Apparatus Adaptation IV – Interdisciplinary Aspects

The Symposium will be held under the auspices  
of the president of the Czech Medical Association (CMA) J.E. Purkyně

**Professor Štěpán Svačina, MD, DSc.**

&

the honorary president of the Society for Connective Tissues CMA J.E. Purkyně

**Professor Josef Hyánek, MD, DSc.**

The Symposium will be held at the  
**Medical House, Sokolská 31, 120 26 Prague 2, Czech Republic, on November 4, 2023**

This event belongs to education actions integrated into the life training system of physicians  
according to professional statute No. 16 of the General Medical Council.



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# PROGRAMME

## SATURDAY, NOVEMBER 4, 2023

8.00–9.00 REGISTRATION OF PARTICIPANTS

9.00 OPENING OF THE CONFERENCE

### WELCOME SPEECHES

#### **Professor Tomasz Karski, MD, PhD**

Honorary member of the Society for Connective Tissues CMA J.E. Purkynje and the CMA J.E. Purkynje

#### **Professor Ivo Mařík, MD, PhD**

President of the Society for Connective Tissues, Czech Medical Association J.E. Purkynje

#### **History of the 25<sup>th</sup> Prague-Lublin Symposium**

Mařík Ivo

9.30–12.30 | MORNING SESSIONS

### 9.30 | SESSION I: RARE BONE DISEASES

**Chairmen:** Mařík Ivo, Kutílek Štěpán, Zemková Daniela

### INVITED LECTURE

#### **Introduction of Prof. Dr. Ali Abdul Salam Awni Al-Kaissi, DSc**

Braun Martin

#### **Skeletal disorders and the misuse of the term idiopathic (30 min.)**

Al-Kaissi Ali Abdul Salam

*Clinic for the diagnosis of diverse forms of congenital bone disorders in children and adults Viena, Austria*

[kaissi707@gmail.com](mailto:kaissi707@gmail.com)

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## **Hypophosphatasia and its differential diagnosis (20 min.)**

Kutílek Štěpán

*Dept. of Paediatrics; Hospital Klatovy; Klatovy, Czech Republic*

[stepan.kutilek@klatovy.nemocnicepk.cz](mailto:stepan.kutilek@klatovy.nemocnicepk.cz)

## **Fibrillin 1 and 2 and their failure in human diseases (20 min.)**

Zemková Daniela<sup>1,2</sup>, Mařík Ivo<sup>1,3</sup>, Maříková Alena<sup>1</sup>, Krulišová Veronika<sup>4</sup>

<sup>1</sup> *Centre for Defects of Locomotor Apparatus; Prague; Czech Republic*

<sup>2</sup> *Department of Paediatrics, University Hospital Motol, Prague, Czech Republic*

<sup>3</sup> *Faculty of Health Care Studies, West Bohemia University, Pilsen, Czech Republic*

<sup>4</sup> *GHC Genetics, Prague, Czech Republic*

[dezem@email.cz](mailto:dezem@email.cz)

DISCUSSION AFTER EACH LECTURE (time in brackets includes discussion)

10.40–11.00 COFFEE BREAK

## **11.00 | SESSION II: RARE BONE DISEASES: NEUROFIBROMATOSIS TYPE 1**

**Chairmen:** Kraus Josef, Zemková Daniela, Mařík Ivo

### **Neurofibromatosis type 1 – a complex multi-system genetic based disorder, molecular genetic diagnosis (20 min.)**

Krulišová Veronika<sup>1</sup>, Renáta Michalovská<sup>1</sup>, Vlčková Zdenka<sup>1</sup>

<sup>1</sup> *GHC Genetics, Prague, Czech Republic*

[krulisova@ghcgenetics.cz](mailto:krulisova@ghcgenetics.cz)

### **A neurologist's view of Neurofibromatosis von Recklinghausen type 1 (20 min.) Neurofibromatosis von Recklinghausen typu 1 z pohledu neurologa.**

Kraus Josef

*Department of Child Neurology, University Hospital Prague-Motol, Czech Republic*

[josef.kraus@lfmotol.cuni.cz](mailto:josef.kraus@lfmotol.cuni.cz)

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## **Neurofibromatosis type 1 – clinical, radiological and molecular diagnosis, orthopaedic treatment (20 min.)**

Mařík Ivo<sup>1,2,5</sup>, Zemková Daniela<sup>2,3</sup>, Maříková Alena<sup>2</sup>, Myslivec Radek<sup>2,5</sup>, Krulišová Veronika<sup>4</sup>

<sup>1</sup> Faculty of Health Care Studies, West Bohemia University, Pilsen, Czech Republic

<sup>2</sup> Centre for Defects of Locomotor Apparatus I.I.c., Prague, Czech Republic

<sup>3</sup> Dept. of Paediatrics, University Hospital Motol, Prague, Czech Republic

<sup>4</sup> GHC Genetics, Prague, Czech Republic

<sup>5</sup> Orthopaedic and Traumatology Dept. Hospital Pribram, Czech Republic

[ambul\\_centrum@volny.cz](mailto:ambul_centrum@volny.cz)

DISCUSSION AFTER EACH LECTURE (time in brackets includes discussion)

12.00–13.00 LUNCH

13.00–17.30 | AFTERNOON SESSIONS

### **13.00 | SESSION III: PALEOPATOLOGY.VARIA**

**Chairmen:** Povýšil Ctibor, Zemková Daniela

#### **Typhoid fever epidemics in the past** (film documentary, 25 minutes)

Smrčka Václav<sup>1</sup>, Zapletal Vít<sup>2</sup>, Musilová Zdenka<sup>3</sup>

<sup>1</sup> Institute of History of Medicine and Foreign Languages of the First Faculty of Medicine, Charles University in Prague

<sup>2</sup> Municipal Library of Prague

<sup>3</sup> Municipality of the Town, Letovice

[sedlcany1@seznam.cz](mailto:sedlcany1@seznam.cz)

#### **Chondrosarcoma composed of target-like chondrocytes** (20 min.)

Povýšil Ctibor<sup>1</sup>, Hojný Jan<sup>2</sup>, Kaňa Martin<sup>2</sup>

<sup>1</sup> Institute of Pathology, First Faculty of Medicine, Charles University and General University Hospital in Prague

<sup>2</sup> Department of Otorhinolaryngology, Head and Neck Surgery, First Faculty of Medicine, Charles University and University Hospital Motol, Prague

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DISCUSSION AFTER EACH LECTURE (time in brackets includes discussion)

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## 14.00 | SESSION IV: ADAPTATION OF LOCOMOTOR APPARATUS – NEUROMUSCULAR AND SKELETAL RELATIONS

**Chairmen:** Piet van Loon, Karski Jacek, Mařík Ivo

### INVITED LECTURE

#### **Introduction of Prof. Tomasz Karski, MD, Ph.D.**

Braun Martin

#### **Children and Adults. Clinical symptoms of Minimal Brain Dysfunction, Syndrome of Contracture and Deformities. Spine, Hips, Knees, Feet. Therapy. Possibility of prophylaxis. In 12 Points (15 min.)**

Karski Tomasz<sup>1</sup>, Karski Jacek<sup>2</sup>, Karska Klaudia<sup>3</sup>

<sup>1</sup> Vincent Pol University of Lublin, Poland, [tmkarski@gmail.com](mailto:tmkarski@gmail.com)

<sup>2</sup> Medical University of Lublin, Poland, [jkarski@vp.pl](mailto:jkarski@vp.pl)

<sup>3</sup> Medical University of Lublin, Poland, [clovdia@o2.pl](mailto:clovdia@o2.pl)

#### **So-Called Idiopathic Scoliosis. Historical Dates of Discoveries. Fate and Fortune of New Knowledge. Biomechanical etiology, new classification, therapy and causal prophylaxis (10 min.)**

Karski Tomasz

Professor Lecturer, Vincent Pol University in Lublin, Poland

[tmkarski@gmail.com](mailto:tmkarski@gmail.com)

#### **So-Called Idiopathic Scoliosis. Historical Dates of Discoveries. Fate and Fortune of New Knowledge. Opinions of specialist from many countries (5 min.)**

Karski Tomasz

University in Lublin, Poland

[tmkarski@gmail.com](mailto:tmkarski@gmail.com)

#### **Fresh evidence with MRI of the effectiveness of correction of scoliosis by Thoracolumbar Lordotic Intervention (TLI).**

#### **Extension of the scoliotic spine restores disc morphology first (20 min.)**

Van Loon Piet<sup>1</sup>, Soeterbroek A.M.<sup>2</sup>, Grotenhuis J.A.<sup>3</sup>, Smit T.H.<sup>4</sup>

<sup>1</sup> Orthopedic surgeon, Proktovar, Hengelo, the Netherlands;

<sup>2</sup> Analyst, Chairman Posture Network Netherlands,

<sup>3</sup> Em. prof. neurosurgery Radboud University Nijmegen;

<sup>4</sup> Professor Tissue Engineering; Mechanobiology of development and disease; Amsterdam UMC.

[pvanloon@planet.nl](mailto:pvanloon@planet.nl)

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**Dutch Healthcare crisis in the light of discongruent Osteoneural Growth Relations. How loss of prevention-knowledge in childhood and political choices produced a socio-economic burden (20 min.)**

Van Loon Piet<sup>1</sup>, Soeterbroek A.M.<sup>2</sup>, Grotenhuis J.A.<sup>3</sup>, Smit T.H.<sup>4</sup>

<sup>1</sup> Orthopedic surgeon, Proktovar, Hengelo, the Netherlands;

<sup>2</sup> Analyst, Chairman Posture Network Netherlands,

<sup>3</sup> Em. prof. neurosurgery Radboud University Nijmegen;

<sup>4</sup> Professor Tissue Engineering; Mechanobiology of development and disease; Amsterdam UMC.

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DISCUSSION AFTER EACH LECTURE (time in brackets includes discussion)

15.10–15.30 COFFEE BREAK

**15.30 | SESSION V: TRAUMATOLOGY, ORTHOPAEDICS, ORTHOPAEDIC PROSTHETICS**

**Chairmen:** Karski Tomasz, Krawczyk Petr, Mařík Ivo

INVITED LECTURE

**Introduction of Prof. Hans Zwipp, MD, DSc.**

Braun Martin

**History of Calcaneus Fractures (30 min.)**

Hans Zwipp

Professor emeritus of Universitäts Centrum für Orthopädie und Unfallchirurgie, Dresden, Germany

[hans.zwipp@t-online.de](mailto:hans.zwipp@t-online.de)

**Treatment of calcaneal fractures with calcaneal nail (C-nail) (20 min.)**

Pompach Martin<sup>1</sup>, Carda Martin<sup>1</sup>, Amlang Michael<sup>2</sup>, Zwipp Hans<sup>2</sup>

<sup>1</sup> Department of Traumatology, Pardubice, Czech Republic

<sup>2</sup> Universitäts Centrum für Orthopädie und Unfallchirurgie, Dresden, Germany

[martin.pompach@nempk.cz](mailto:martin.pompach@nempk.cz)

**New mini-invasive surgical techniques for the forefoot. (20 min.)**

Holinka Martin

Orthopedic Department, Hospital Karvina – Raj, Ostrava, Czech Republic

[MHolinka@seznam.cz](mailto:MHolinka@seznam.cz)

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## Active patient in orthotics

Kroupa Jan

Otto Bock CR

[kroupa@ottobock.cz](mailto:kroupa@ottobock.cz)

## Effect of early initiation of orthotic treatment in plagiocephaly (online presentation, 15 minutes)

Drastichová Klára<sup>1</sup>, Ohnůtková Petra<sup>2</sup>, Dilý Matej<sup>3</sup>

<sup>1</sup> *Univerzita Palackého Olomouc*

<sup>2</sup> *Plagio klinika Ostrava*

<sup>3</sup> *Invent Medical Group, s.r.o.*

[jjri@inventmedical.com](mailto:jjri@inventmedical.com)

DISCUSSION AFTER EACH LECTURE (time in brackets includes discussion)

17.30 CLOSING OF THE SYMPOSIUM AND PLANNING  
THE 26<sup>TH</sup> PRAGUE-LUBLIN SYMPOSIUM

**Ivo Marik & Petr Krawczyk & Tomasz Karski & Jacek Karski & Piet van Loon**

18.00 DINNER

## ORGANIZERS OF THE SYMPOSIUM

**Professor Ivo Mařík, MD, PhD & Petr Krawczyk, MD & Martin Braun, RNDr., PhD**

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&

Department of Composites and Carbon Materials, Institute of Rock Structure and Mechanics.

The Czech Academy of Sciences, Prague, Czech Republic, [braun@irsm.cas.cz](mailto:braun@irsm.cas.cz)

Participants will receive the Programme and Certificate of Attendance

Abstracts of lectures will be published in Supplement 2 of the journal Locomotor System, vol. 30, 2023 (electronic version, ISSN 2336-4777, <http://www.pojivo.cz/cz/pohybove-ustroji/>)

More recent information about the Symposium will be available on the websites:

[www.pojivo.cz](http://www.pojivo.cz) & [www.ortoprotetika.cz](http://www.ortoprotetika.cz)