07:30-11:50
Foramen Magnum Stenosis in Children with Achondroplasia Working Group
See page 20

MOZART 1/2

### 10:00-11:50
**CONCURRENT SESSIONS**

**Networking – New Investigators**

Organiser: Alex Ireland *(Manchester, UK)*

**MOZART 4**

- How did I get here?
- Rachel Duckham *(Melbourne, Australia)*
- Heike Hoyer-Kuhn *(Cologne, Germany)*

Round table discussions with senior investigators:
- Building your profile and network
- Disseminating your work
- Funding your science (and yourself!)
- Developing your skills

Group discussion

**Networking – Allied Health Professionals**

Organiser: Nicola Crabtree *(Birmingham, UK)*

**MOZART 5**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00</td>
<td>Introduction and housekeeping</td>
</tr>
<tr>
<td>10:05</td>
<td>Management of children with severe osteogenesis imperfecta / Patient experiences seen through ‘Stop Motion’ animation</td>
</tr>
<tr>
<td></td>
<td>Jas Sahota <em>(Birmingham, UK)</em> / Kirandeep Basraka <em>(Birmingham, UK)</em></td>
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<tr>
<td>10:20</td>
<td>New treatment in XLH, case studies and results from a cohorted start to treatment</td>
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<td>Ian Tucker <em>(Bristol, UK)</em></td>
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<tr>
<td>10:35</td>
<td>Imaging in metabolic bone disease</td>
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<td></td>
<td>Alistair Calder <em>(London, UK)</em></td>
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<tr>
<td>10:50</td>
<td>From conception to the retailer. How to make your specialised equipment commercially available</td>
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<tr>
<td></td>
<td>Jill Massey <em>(London, UK)</em></td>
</tr>
<tr>
<td>11:05</td>
<td>Surgery and rehabilitation for children with X-linked hypophosphataemia</td>
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<tr>
<td></td>
<td>Gabriel Mindler <em>(Vienna, Austria)</em></td>
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<tr>
<td>11:20</td>
<td>The patient and parental perspective – XLH</td>
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<tr>
<td></td>
<td>Tenna Toft <em>(XLH-Patient Association, Denmark)</em></td>
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<tr>
<td>11:35</td>
<td>Coffee</td>
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<td>11:50</td>
<td>Close</td>
</tr>
</tbody>
</table>
Programme: Saturday 22 June

ALL SESSIONS IN EUROPA HALL UNLESS OTHERWISE INDICATED

12:00-13:00
Sponsored Workshop

13:00-13:30
LUNCH

13:30-14:30
Challenge the Expert
Organisers: Craig B Langman (Chicago, USA)
          Leanne Ward (Ottawa, Canada)

13:30
Case 1: Fibrous dysplasia
Author: Soraya Lopes Sader (Sao Paulo, Brazil)
Presenter and discussant:
Alison Boyce (Bethesda, USA)

13:50
Case 2: 4-year old boy with terrible leg pain post bone marrow transplant: Infection? Scurvy? Other?
Author: Paivi Miettunen (Calgary, Canada)
Presenter and discussant:
Nick Shaw (Birmingham, UK)

14:10
Case 3: Bone fragility, abnormal neurology and bleeding disorder – a challenging case
Author: Belinda Crowe (London, UK)
Discussant: Craig Munns (Sydney, Australia)

14:30-15:30
Workshop: Bone fragility during childhood - beyond osteogenesis imperfecta
Chair: Francis Glorieux (Montreal, Canada)

14:30
Infant case
Nick Bishop (Sheffield, UK)

14:50
Child case
Jean-Pierre Salles (Toulouse, France)

15:10
Adolescent case
Craig Munns (Sydney, Australia)

15:30-15:45
Coffee Break

15:45-16:45
Symposium: Two years in review
Chairs: Nicola Crabtree (Birmingham, UK)
       Antonella Forlino (Pavia, Italy)

15:45
Highlights in basic bone research
Matthew Warman (Boston, USA)

16:15
Highlights in clinical bone research
Nick Shaw (Birmingham, UK)

16:50-17:00
Welcome Address
Chairs: Nick Bishop (Sheffield, UK)
       Gabriele Häusler (Vienna, Austria)

17:15-18:45
Satellite Symposium

19:00-19:45
Welcome Reception

CONGRESS CENTRE AND GARDENS
**Programme: Sunday 23 June**

**08:00-08:45**

**Meet the Expert Sessions**

Limited availability. Tickets can be picked up from the registration desk on Saturday on a first-come first-served basis.

**Therapeutic management of hypophosphatemic rickets**
- Agnès Linglart (Paris, France)
- **MOZART 1**

**Assessment of neuromuscular function and physical activity**
- Alex Ireland (Manchester, UK)
- **MOZART 4**

**What you need to know about bone histomorphometry**
- Klaus Klaushofer (Vienna, Austria)
- **MOZART 5**

**09:00-10:30**

**Symposium: Bone development**

Chairs: Suzanne Bechtold-Dalla Pozza (Munich, Germany)
- Alex Ireland (Manchester, UK)

09:00
- Biomechanics of fetal movements
  - Niamh Nowlan (London, UK)
09:30
- Mechanical loading and bone development - insights from epidemiological studies
  - Jon Tobias (Bristol, UK)
10:00
- Spine development
  - Vicente Gilsanz (Los Angeles, USA)

**10:30-11:00**

**Coffee Break & Moderated ePosters ( Screens 1-4)**

**EPOSTER SCREEN 1**
Moderator: Munier Nour (Saskatoon, Canada)

- P51 Higher dose of burosumab is needed for treatment of children with severe forms of X-linked hypophosphatemia
  - Volha V Zhukouskaya (Le Kremlin-Bicêtre, France)

- P127 Burosumab therapy in pediatric patients with X-linked hypophosphatemia improves body composition
  - Avivit Brener (Tel Aviv, Israel)

- P75 Active vitamin D analogues and oral phosphate for the treatment of X-linked hypophosphataemia in paediatric patients: A systematic literature review and survey of expert opinion on current needs
  - Zulf Mughal (Manchester, United Kingdom)

**P70** Metabolic bone disease of prematurity – comparing neonatal and endocrine approaches using a nationwide survey
- Amish Chinoy (Manchester, United Kingdom)

**EPOSTER SCREEN 2**
Moderator: Gali Guterman Ram (Bethesda, USA)

- P150 Osteogenesis imperfecta: Skeletal outcomes after bisphosphonates discontinuation at final height
  - Marie-Eve Robinson (Montreal, Canada)

- P37 Generation of osteogenesis imperfecta type XIV zebrafish models
  - Laura Leoni (Pavia, Italy)

- P133 Losartan reduces circulating TGFβ and CTX and increases vertebral bone mass in the OIM mouse
  - Nick Bishop (Sheffield, United Kingdom)

- P121 An Acvr1[R258G] “conditional on” mouse model of atypical fibro dysplasia ossificans progressiva (FOP) is activin A dependent
  - Sarah Hatsell (Tarrytown, United States)

**EPOSTER SCREEN 3**
Moderator: Alessandra Cocca (London, UK)

- P99 Pre and post-natal achondroplasia, retrospective series of 64 consecutives cases with analyze of the diagnostic methods and timing issues
  - Genevieve Baujat (Paris, France)

- P221 Speech and hearing impairment and respiratory complications in a large cohort of patients with achondroplasia
  - Alessandra Cocca (London, United Kingdom)

- P148 Management of foramen magnum stenosis in patients with achondroplasia: relative merit of clinical and radiological indications for foramen magnum decompression
  - William Singleton (Bristol, United Kingdom)

- P15 TA-46 prevents premature synchondrosis and restores foramen magnum size in a mouse model of achondroplasia
  - Guylene Rignol (Nice, France)

**EPOSTER SCREEN 4**
Moderator: Stephanie Borg (Sheffield, UK)

- P110 Cost-effectiveness of a vitamin D supplementation programme in pregnant women and children to prevent rickets in the UK
  - Raja Padidela (Manchester, United Kingdom)

- P10 Cost-effectiveness of a vitamin D supplementation programme in pregnant women and children to prevent rickets in the UK
  - Raja Padidela (Manchester, United Kingdom)

- P5 Response of bone to mechanical stimulation in the offspring of MAVIDOS study mothers in a single centre; the effect of antenatal vitamin D supplementation
  - Sujatha Gopal (Sheffield, United Kingdom)
The effect of vitamin D on bone health assessed by radiogrammetry: a double-blind placebo-controlled vitamin D supplementation trial in infants
Suma Uday (Birmingham, United Kingdom)

Supplementation of children with type 1 diabetes with milk or pharmacological calcium for improving bone health: A randomized controlled trial
Sonal Palande (Pune, India)

11:00-11:30
Charles Slemenda Award Lecture
Chairs: Leanne Ward (Ottawa, Canada)
Frank Rauch (Montreal, Canada)

11:30-12:00
Oral Communications
Chairs: Klaus Klaushofer (Vienna, Austria)
Jon Tobias (Bristol, UK)

OC1 Association between age at puberty and bone accrual up to 25 years-old
Ahmed Elhakeem (Bristol, United Kingdom)

OC2 Adolescent pregnancy and bone density in premenopausal women
Anuradha Khadilkar (Pune, India)

OC3 Osteocyte lacunae characteristics in healthy children
Stéphane Blouin (Vienna, Austria)

12:00-13:00
Posters
Odd numbers presented

13:00-14:00
LUNCH
16:20
OC9 Efficacy and safety of intravenous zoledronic acid for the treatment of pediatric glucocorticoid-induced osteoporosis: An international, randomized placebo-controlled trial
Leanne Ward (Ontario, Canada)

16:30-17:00
Coffee Break & Moderated ePosters (Screens 1-4)

EPOSTER SCREEN 1
Moderator: Melissa Fiscaletti (Montreal, Canada)
P77 Long-term efficacy profile of asfotase alfa in the treatment of patients with hypophosphatasia: a pooled analysis
Michael P Whyte (Saint Louis, United States)
P114 Hypophosphatasia in Japan: ALPL mutation analysis in 98 patients
Toshimi Michigami (Izumi, Japan)
P62 Tissue non-specific alkaline phosphatase activity and mineralization capacity of bi-allelic mutations from severe perinatal and asymptomatic hypophosphatasia phenotypes: Results from an in-vitro mutagenesis model
Suma Uday (Birmingham, United Kingdom)
P212 Genetic loss of heparanase does not inhibit osteochondromas in Ext1 and Ext2 double heterozygous hereditary multiple osteochondroma mouse model
Kalyan Nannuru (Tarrytown, United States)

EPOSTER SCREEN 2
Moderator: Jill Simmons (Nashville, USA)
P46 Vertebral fractures are more prevalent than long bone fractures in boys with glucocorticoid-treated Duchenne Muscular Dystrophy: Results of a prospective observational study
Stefan A Jackowski (Ottawa, Canada)
P156 Patients with nephropathic cystinosis display lower cortical thickness and grip strength
Susanne Bechtold-Dalla Pozza (Munich, Germany)
P63 Bone geometry and microarchitecture deficits in children with Alagille Syndrome
Joseph Kindler (Philadelphia, United States)
P81 Bone health in adolescent females with anorexia nervosa may be preserved by high lean mass
Munier Nour (Saskatoon, Canada)

EPOSTER SCREEN 3
Moderator: Kristen Pan (Bethesda, USA)
P42 FGF 23 measurements in children with fibrous dysplasia: useful or not?
Zilla Huma (London, United Kingdom)
P220 New perspectives in diagnosis and management of optic neuropathy in fibrous dysplasia: utility of optical coherence tomography and computed tomography measurements
Kristen Pan (Bethesda, United Kingdom)
P80 Characterization of pain in patients with fibrous dysplasia
Tiahna Spencer (Bethesda, United States)
P209 Persistently low trabecular bone mineral density and normal bone strength at the radius over 3 years after simultaneous pancreas kidney transplantation
Ondrej Soucek (Prague, Czech Republic)

EPOSTER SCREEN 4
Moderator: Heike Hoyer-Kuhn (Cologne, Germany)
P151 The safety and efficacy of denosumab versus zoledronic acid in the treatment of pediatric osteoporosis: A randomized controlled pilot trial
Marie-Eve Robinson (Montreal, Canada)
P152 An evaluation of the rebound phenomenon during denosumab therapy in children with low turnover osteoporosis
Marie-Eve Robinson (Montreal, Canada)
P129 A smartphone based survey of frequency and severity of adverse effects following bisphosphonate therapy in a tertiary paediatric centre
James Blackburn (Liverpool, United Kingdom)

17:00-18:30
Satellite Symposium

18:30-18:45
Foramen Magnum Stenosis in children with Achondroplasia Working Group Update
Moira Cheung (London, UK)

Free evening
08:00-08:45
Meet the Expert Sessions
Limited availability. Tickets can be picked up from the registration desk on Sunday on a first-come first-served basis

- Ectopic mineralization
  Frank Rutsch (Münster, Germany)
  MOZART 1

- Bone in neuromuscular disorders
  Zulf Mughal (Manchester, UK)
  MOZART 4

- Skeletal involvement in chronic kidney diseases
  Craig B Langman (Chicago, USA)
  MOZART 5

09:00-10:30
CONCURRENT SESSIONS

Symposium: Bone cells
Chairs: Meena Balasubramanian (Sheffield, UK)
    Junya Toguchida (Kyoto, Japan)

  09:00
  Osteoclast disorders
  Cristina Sobacchi (Milan, Italy)

  Endoplasmic reticulum stress in osteoblasts
  Antonella Forlino (Pavia, Italy)

  Clock genes and bone and mineral regulation
  Masanobu Kawai (Osaka, Japan)

Allied Health Professionals Session
Chairs: Nicola Crabtree (Birmingham, UK)

  P181 Walking quality of children with healed Perthes disease
    Verity Pacey (Westmead, Australia)

  P17 Sex and maturation effects on trabecular and cortical microarchitecture in children and young adults
    Tandy Aye (California, United States)

  P93 Assessing the ability of vibration analysis to differentiate wrist and ankle fractures from sprains in children
    David Fennimore (Sheffield, United Kingdom)

  P9 Do lifestyle factors play a role on bone health in boys diagnosed with Autism Spectrum Disorder? Preliminary data from the Promoting bone and gut health in our children (PROUD) study
    Rachel L Duckham (Geelong, Australia)

P177 Feasibility of a 13-week targeted exercise intervention on tibial bone mineral density in adolescents with Developmental Coordination Disorder
  Jocely Tan (Fremantle, Australia)

P74 Burosumab can improve pain and quality of life for children with X-linked hypophosphataemia and their families: a London centre’s experience
  Robyn Gilbey-Cross (London, United Kingdom)

P185 High impact exercise to improve musculoskeletal outcomes in Crohn's disease: a feasibility questionnaire
  Lewis Steell (Glasgow, United Kingdom)

P197 A playful type of intervention for infants with osteogenesis imperfecta
  Rebecca Jones (Sheffield, United Kingdom)

P79 Novel imaging approaches to the quantification of musculoskeletal alterations in X-linked hypophosphatemic rickets (XLH)
  Adalbert Raimann (Vienna, Austria)

10:30-11:00
Coffee Break & Moderated ePosters (Screens 1-4)

EPOSTER SCREEN 1
Moderator: Marie-Eve Robinson (Montreal, Canada)

  P27 Response to mechanical stimulation of bone in children with osteogenesis imperfecta and the effect of bisphosphonate therapy
    Sivagamy Sithambaran (Sheffield, United Kingdom)

  P199 Diversity of outcomes in randomised trials of interventions for children with osteogenesis imperfecta
    Richard Mcgee (Westmead, Australia)

  P137 Reversion to pamidronate after switch to zoledronic acid in children with bone disease
    Amanda Peacock (Sheffield, United Kingdom)

  P143 Intermittent bi-daily sub-cutaneous teriparatide infusion in children with hypoparathyroidism: a single-centre experience
    Sacha Flammier (Lyon, France)

EPOSTER SCREEN 2
Moderator: Ahmed Elhakeem (Bristol, UK)

  P41 Increased prevalence of fractures in poorly chelated children with beta thalassemia
    Sonal Palande (Pune, India)

  P87 Assessment of bone density by DXA in poorly controlled children with β-Thalassemia: Correction for hepatic iron -overload by manual analysis
    Sonal Palande (Pune, India)
**Programme: Monday 24 June**

**ALL SESSIONS IN EUROPA HALL UNLESS OTHERWISE INDICATED**

<table>
<thead>
<tr>
<th>Session</th>
<th>Title</th>
<th>Authors/Details</th>
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<tbody>
<tr>
<td>P89</td>
<td>Use of DXA and pQCT measurements to screen for fracture risk in 3 to 18 year old poorly chelated thalassaemic children</td>
<td>Sonal Palande (Pune, India)</td>
</tr>
<tr>
<td>P14</td>
<td>Bone health in children with congenital heart disease</td>
<td>Marta Erlandson (Saskatoon, Canada)</td>
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<tr>
<td>P16</td>
<td>Higher neonatal bone mineral content and lower IL-6 levels in offspring of overweight/obese women following antenatal exercise: The IMPROVE randomized controlled trial (RCT)</td>
<td>Sumudu Nimali Seneviratne (Colombo, Sri Lanka)</td>
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<tr>
<td>P163</td>
<td>Prenatal oligohydranmios is associated with hip shape in adolescent males</td>
<td>Alex Ireland (Manchester, United Kingdom)</td>
</tr>
<tr>
<td>P154</td>
<td>Self-reported sedentary time is negatively associated with microarchitecture of the tibia</td>
<td>Rebecca Moon (Southampton, United Kingdom)</td>
</tr>
<tr>
<td>P9</td>
<td>Do lifestyle factors play a role on bone health in boys diagnosed with Autism Spectrum Disorder? Preliminary data from the Promoting bone and gut health in our children (PROUD) study</td>
<td>Rachel L Duckham (Geelong, Australia)</td>
</tr>
<tr>
<td>P83</td>
<td>Could digital X-ray radiogrammetry be an alternative for dual energy X-ray absorptiometry</td>
<td>Jos Draaisma (Nijmegen, Netherlands)</td>
</tr>
<tr>
<td>P11</td>
<td>Reference values of cortical thickness, bone width, and Bone Health Index in metacarpals of children from age 0 y, as determined with an extension of the fully automated BoneXpert bone age method</td>
<td>Hans Henrik Thodberg (Hørsholm, Denmark)</td>
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<tr>
<td>P94</td>
<td>Characteristics of ultradistal radius bone density during childhood: Results from the Bone Mineral Density in Childhood Study</td>
<td>Joseph Kindler (Philadelphia, United States)</td>
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**11:00-12:00**

**Oral Communications**

**Chairs:** Valérie Cormier-Daire (Paris, France)
Agnès Linglart (Paris, France)

11:00

**OC10** Next-generation antibody-guided enzyme replacement therapy for lysosomal storage diseases
Katherine Cygnar (Tarrytown, United States)

11:10

**OC11** Targeting adeno-associated viral vectors to fractures and the skeleton
Lucinda Lee (Westmead, Australia)

11:20

**OC12** Combination treatment of a novel activin receptor IIB ligand trap and zoledronate improves muscle and bone properties in a mouse model of osteogenesis imperfecta
Iris Boraschi-Diaz (Montreal, Canada)

11:30

**OC13** Analysis of osteogenesis imperfecta in pathology and the effects of 4-phenylbutyric acid using patient-derived fibroblasts and induced pluripotent stem cells
Shinji Takeyar (Osaka, Japan)

11:40

**OC14** Burosumab resulted in greater improvement in clinical outcomes than continuation with conventional therapy in younger (1-4 years-old) and older (5-12 years-old) children with X-linked hypophosphatemia
Leanne Ward (Ontario, Canada)

11:50

**OC15** Sustained efficacy and safety of burosumab, a fully human anti-FGF23 monoclonal antibody, in children and early adolescents with X-linked hypophosphatemia
Wolfgang Högler (Linz, Austria)

**12:00-13:00**

**Posters**

Even numbers presented

**13:00-14:00**

**LUNCH**
Programme: Monday 24 June

ALL SESSIONS IN EUROPA HALL UNLESS OTHERWISE INDICATED

14:00-15:30
Symposium: Surgical aspects in rare bone disorders

Chairs: Frank Rauch (Montreal, Canada)
Oliver Semler (Cologne, Germany)

14:00
Orthopedic management of osteogenesis imperfecta in the bisphosphonate era
François Fassier (Montreal, Canada)

14:30
Craniosynostoses in rare skeletal disorders
Federico Di Rocco (Lyon, France)

15:00
Orthopedic needs in X-linked hypophosphatemic rickets
Rudolf Ganger (Vienna, Austria)

15:30-16:00
Coffee Break & Moderated ePosters (Screens 1-4)

EPOSTER SCREEN 1
Moderator: Rachel Harrison (Sheffield, United Kingdom)
P109 Fracture prevalence in children 0-19 years-old in Mexico: A 10-year cross-sectional analysis
Patricia Clark (Mexico City, Mexico)
P22 Tibia microarchitecture in children with recent fractures
Rebecca Moon (Southampton, United Kingdom)
P93 Assessing the ability of vibration analysis to differentiate wrist and ankle fractures from sprains in children
David Fennimore (Sheffield, United Kingdom)
P25 Short term mechanical stimulation using whole body vibration identifies differences in bone response between prepubertal boys with and without prior fracture
Rachel Harrison (Sheffield, United Kingdom)

EPOSTER SCREEN 2
Moderator: Sonal Palande (Pune, India)
P44 Bone mass and vertebral fractures in South African (SA) children on prolonged oral glucocorticoids (GCs) for chronic non-malignant illnesses
Kebashni Thandrayen (Johannesburg, South Africa)
P18 Bone mass and fracture prevalence in Childhood Brain Cancer Survivors (CBCS) 2 or 5 years after off therapy
Natascia di Iorgi (Genova, Italy)

P23 What happens to the skeleton at the time of diagnosis of paediatric cancer?
Artemis Doulgeraki (Athens, Greece)
P164 Musculoskeletal deficits persist up to two years despite anti-TNF-alpha antibody therapy in children with Crohn’s disease: Results of a prospective, observational inception cohort study
Stefan A Jackowski (Ottawa, Canada)

EPOSTER SCREEN 3
Moderator: Oliver Semler (Cologne, Germany)
P107 Sex differences in the longitudinal associations between body composition and bone stiffness index in European children and adolescents
Lan Cheng (Bremen, Germany)
P155 Gender specific paediatric reference data for muscle function parameters assessed using jumping mechanography
Sonal Palande (Pune, India)
P159 Determinants of muscle function in 6 to 11 year old rural Indian children
Sonal Palande (Pune, India)
P181 Walking quality of children with healed Perthes disease
Verity Pacey (Westmead, Australia)

EPOSTER SCREEN 4
Moderator: Carla Caffarelli (Siena, Italy)
P120 Mutational and phenotypic spectra in 137 Russian patients with inherited forms of rickets
Kristina Kulikova (Moscow, Russian Federation)
P125 SCN8a mutations and osteoporosis. Is osteocyte dysfunction the cause or the consequence?
Gillian O’Donnell (Dublin, Ireland)
P113 Next-generation sequence and biomarker levels in the patients with early-onset chronic non-bacterial osteomyelitis from North Caucasian region of Russia
Mikhail Kostik (St Petersburg, Russian Federation)
P13 Clinical implications of modeling the maturational spurt
Melanie Boeyer (Missouri, United States)
16:00-17:15
Oral Communications

Chairs: Alison Boyce (Bethesda, USA)
Craig B Langman (Chicago, USA)

16:00
OC16 A natural history study of generalized arterial calcification of infancy (GACI) and autosomal recessive hypophosphatemic rickets (ARHR2) due to ENPP1 or ABCC6 deficiency: Interim analysis
Yvonne Nitschke (Münster, Germany)

16:10
OC17 Growth curves for children with X-linked hypophosphatemia
Meng Mao (Novato, United States)

16:20
OC18 Developing a human-mouse hybrid model of osteogenesis imperfecta for investigating new therapies for children
Fawaz Arshad (Sheffield, United Kingdom)

16:30
OC19 Altered 3 hydroxylation complex in bone homeostasis
Francesca Tonelli (Pavia, Italy)

16:40
OC20 Identifying the role of NBAS in bone fragility using zebrafish and exploring therapeutic targets to reverse NBAS activity
Meena Balasubramanian (Sheffield, United Kingdom)

16:50
OC21 New mouse model with IFITM5 S42L for atypical type VI osteogenesis imperfecta
Gali Guterman Ram (Bethesda, United States)

16:60
OC22 Bone tissue phenotyping reveals increased matrix mineralization, elevated osteocyte lacunar density and altered vascularity in a new OI mouse model carrying a leucine substitution for the BRIL p.Serine42 residue
Ghazal Hedjazi (Vienna, Austria)

17:30-19:00
Satellite Symposium

20:00-23:00
Conference Dinner

STIEGLKELLER RESTAURANT
Programme: Tuesday 25 June

08:00-08:45
Meet the Expert Sessions
Limited availability. Tickets can be picked up from the registration desk on Monday on a first-come first-served basis

Genetic testing for recurrent fractures – when and what?
Outi Mäkitie (Helsinki, Finland)
MOZART 1

Management of fibrous dysplasia
Alison Boyce (Bethesda, USA)
MOZART 4

Vibration treatment
Oliver Semler (Cologne, Germany)
MOZART 5

09:00-10:00
Symposium: An update on skeletal dysplasias

Chairs: Laurence Legeai-Mallet (Paris, France)
Coen Netelenbos (Amsterdam, Netherlands)

09:00
Diagnosis of bone dysplasia
Valérie Cormier-Daire (Paris, France)

09:30
Achondroplasia
Noriyuki Namba (Osaka, Japan)

10:00-11:00
Oral Communications

Chairs: Moira Cheung (London, UK)
Noriyuki Namba (Osaka, Japan)

10:00
OC23 Effects of the FGF2 aptamer on growth plate cartilage development of achondroplasia patient-specific iPSC cells in a xenograft model
Takeshi Kimura (Osaka, Japan)

10:10
OC24 TA-46, a recombinant soluble FGFR3 receptor for the treatment of achondroplasia, is safe and well-tolerated in healthy volunteers
Samuel Collins (Basel, Switzerland)

10:20
OC25 TransCon CNP: Potential for a once weekly novel therapy in children with achondroplasia
Dorthe Viuff (Hellerup, Denmark)

10:30
OC26 [18F] NaF PET/CT the first tool to diagnose chronic activity in FOP at all ages?
Coen Netelenbos (Amsterdam, Netherlands)

10:40
OC27 Palovarotene inhibits the development of new heterotopic ossification in fibro dysplasia ossificans progressiva (FOP)
Richard Keen (Stanmore, United Kingdom)

10:50
LB1 Genetic inactivation of osteocalcin in Col1a1Jrt/+ mice, a model of dominant osteogenesis imperfecta, restores glucose metabolism to wild-type levels
Josephine Tauer (Montreal, Canada)

10:55
LB2 Lumbar spine quantitative computed tomography (QCT) is a better predictor of vertebral fracture in boys with Duchenne muscular dystrophy (DMD) than either DXA or peripheral QCT
Nicola Crabtree (Birmingham, United Kingdom)

11:00-11:15
Coffee Break

11:15-11:30
Presentation of awards

Chairs: Frank Rauch (Montreal, Canada)
Leanne Ward (Ottawa, Canada)

11:30-12:30
Symposium: Approaches to treating low bone mass disorders

Chairs: Outi Mäkitie (Helsinki, Finland)
Peter Simm (Sydney, Australia)

11:30
TGFbeta inhibition in osteogenesis imperfecta
Ingo Grafe (Houston, USA)

12:00
Antiresorptive treatment
Leanne Ward (Ottawa, Canada)

12:30
Close and Final Remarks

Chair: Nick Bishop (Sheffield, UK)

12:35
Buses to Airport