

Moderated ePosters



Sunday 10:00-10:30

ePoster Screen 1

Moderator: Nadia Amin (Leeds, UK)

- LB10 Effects of long-term sedentary behaviour on the cortical bone mass and distribution during growth:
The HAPPY bone Study
Rachel L Duckham (Burwood, Australia)
- LB8 Breech presentation is associated with neonatal and early childhood deficits in bone mass and size
Alex Ireland (Manchester, UK)
- P023 Tracking differences in morphology and regulation between the spine and long bones in a pig model
Adalbert Raimann (Vienna, Austria)
- P004 Bone mass tracks into teenage years
Maria Rønne (Odense, Denmark)

ePoster Screen 2

Moderator: Elisa Holmlund-Suila (Helsinki, Finland)

- LB11 Bone health status as measured by DXA and pQCT in Indian children with thalassemia major
Rubina Mandlik (Pune, India)
- LB5 Role of type III sodium/phosphate co-transporters in the responsiveness of osteoblasts to extracellular inorganic phosphate
Toshimi Michigami (Izumi, Japan)
- P065 A novel form of congenital rickets due to a recurrent gain of function mutation in CYP3A4
Christine P. Rodda (St Albans, Australia)
- P048 A rare cause of rickets
Sophia Sakka (Birmingham, UK)

ePoster Screen 3

Moderator: Rebecca Moon (Southampton, UK)

- LB14 P4HB recurrent missense mutation causing Cole-Carpenter syndrome: exploring the underlying mechanism
Meena Balasubramanian (Sheffield, UK)
- P114 Rare copy number variants in array-based comparative genomic hybridization in early-onset skeletal fragility
Alice Costantini (Stockholm, Sweden)
- P118 Genome-wide association study identifies five novel genetic determinants of dental maturation
Olja Grgic (Rotterdam, The Netherlands)
- P108 Genetic transmission of osteogenesis imperfecta type V by a healthy mosaic carrier father: Elisabeth Steichen-Gersdorf (Innsbruck, Austria)

ePoster Screen 4

Moderator: Sonja Soininen (Kuopio, Finland)

- P064 Extensive periosteal new bone formation secondary to copper deficiency in a 2 year-old boy with arterial tortuosity syndrome
Sasigarn Bowden (Columbus, USA)
- P061 Renal tubular acidosis with an elevated urinary b-2 microglobulin in a boy presenting with sporadic hypophosphataemic rickets and intellectual disability (Dent's disease)
Justin Brown (Clayton, Australia)
- P068 Craniosynostosis can occur in children with nutritional rickets
L Forestier-Zhang (London, UK)
- P087 Cranial synostosis and Chiari 1 malformation in x-linked hypophosphatemic rickets
Anya Rothenbuhler (Le Kremlin Bicêtre, France)

Sunday 16:30-17:00

ePoster Screen 1

Moderator: Maria Rønne (Odense, Denmark)

- P070 The abnormally high and heterogeneous bone matrix mineralization after childhood solid organ transplantation is not further increased by bisphosphonate treatment
Nadja Fratzl-Zelman (Vienna, Austria)
- LB15 Consensus paper - physiotherapy in children with OI
Oliver Semler (Cologne, Germany)
- P042 Osteogenesis imperfecta type VI presenting as suspected physical abuse – a report of two cases
Sivagamy Sithambaram (Sheffield, UK)
- P030 Outcomes of zoledronic acid use in paediatric conditions
Margaret Zacharin (Melbourne, Australia)

ePoster Screen 2

Moderator: Alex Ireland (Manchester, UK)

- P148 Muscle density measurement in muscular dystrophy
Susanne Bechtold (Munich, Germany)
- P149 Exploratory analysis of bone microarchitecture, bone marrow fat and skeletal muscle metabolism in children with hypophosphatemic rickets
Adalbert Raimann (Vienna, Austria)
- P142 Walking within 12 months of age is related to higher whole body lean mass and bone mineral density in children at 3 years of age
Hope Weiler (Ste Anne de Bellevue, Canada)

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- P037 Early fragility fractures in Zellweger Syndrome Spectrum – peroxisome dysfunction affecting osteogenesis?
Christine Burren (Bristol, UK)

ePoster Screen 3

Moderator: Mary Scott Ramnitz (Bethesda, USA)

- P128 Growth and clinical outcome in a 16 year-old male with childhood hypophosphatasia after one year therapy with asfotase alfa
Sasigarn Bowden (Columbus, USA)
- P135 Continuous subcutaneous PTH infusion in autosomal dominant hypocalcaemia
Evelien Gevers (London, UK)
- P125 Identification and characterization of a novel microRNA inhibiting osteoblast functions by suppressing actin polymerization
Aijaz Ahmad John (Lucknow, India)
- P124 The treatment of hyperphosphatemic familial tumoral calcinosis
Karine Khatchadourian (Ottawa, Canada)

ePoster Screen 4

Moderator: Heidi Kecskemethy (Wilmington, USA)

- P153 Vitamin D intake and status in children 2-18 years: a meta-analysis
Neil Brett (Notre-Dame-de-L'Île-Perrot, Canada)
- P161 Early-life vitamin D status and bone mass at five years in a prospective birth cohort study
Carol ní Chaoimh (Cork, Ireland)
- P158 Early-life vitamin D status and bone mass at five years in a prospective birth cohort study
Carol ní Chaoimh (Cork, Ireland)
- P163 Vitamin D insufficiency and inadequate bone mineral status in newcomer immigrant and refugee children in Canada
Ginny Lane (Saskatoon, Canada)

Monday 10:30-11:00

eEPoster Screen 1

Moderator: Gareth Penman (Sheffield, UK)

- P151 Characterisation of skeletal developmental in mouse models of Duchenne muscular dystrophy
Claire Wood (Edinburgh, UK)
- P006 Bone density and body composition in post-pubertal adolescents treated with GnRH analogues in a gender identity development service
Xanthippi Tseretopoulou (Leeds, UK)

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ePoster Screen 4

Moderator: Antonio Maurizi (L'Aquila, Italy)

- P168 Cortico-cancellous bone allografting in treatment of children with orthopedic diseases
Leanid Hlazkin (Mogilev, Belarus)

- LB2 The regulation of Smpd3 expression in skeletal tissues and its role in fracture healing
Garthiga Manickam (Saint Laurent, Canada)

- P172 Bone health at 11-12 years, physical activity and sedentariness: a cross-sectional Australian population-based study
William Osborn (South Yarra, Australia)

- P184 Physical activity and health-related quality of life in patients with chronic non-bacterial osteomyelitis – pilot and model project in a rare inflammatory bone disease
Julia Nentwich (Würzburg, Germany)

Monday 15:30-16:00

ePoster Screen 1

Moderator: Carolina Medina-Gomez (Rotterdam, Netherlands)

- P039 Cystinosin deficiency affects bone phenotype
Giulia Battafarano (Rome, Italy)

- P034 Identification of bone remodelling alterations in Gorham-Stout disease
Michela Rossi (Rome, Italy)

- P054 The influence of immune dysregulation on bone metabolism in children with inflammatory bowel disease: the potential for bone as a secondary lymphoid organ
Gareth Penman (Sheffield, UK)

- LB9 The cellular immune response in children with inflammatory bowel disease may mediate their low bone mineral density: a pilot study
Gareth Penman (Sheffield, UK)

ePoster Screen 2

Moderator: Fawaz Alqahtani (Sheffield, UK)

- P099 Bone strength and microarchitectural deficits in children with cystinosis
Andrew Burghardt (San Francisco, USA)

- P077 The role of bone age in the evaluation of trabecular bone score (TBS) of children and adolescents 5 to 19 years old
Miguel Angel Guagnelli (Cuahtemoc, Mexico)

- P097 Evaluation of the use of body quantitative computed tomography for the assessment of the tibia in children with neurofibromatosis 1
Alex Ireland (Manchester, UK)

- P094 Bone health assessment in children with thalassaemia major
Sophia Sakka (Birmingham, UK)

ePoster Screen 3

Moderator: Dimitris Vlachopoulos (Exeter, UK)

- LB3 Mediating effect of muscle on the relationship of physical activity trajectories and bone outcomes: The Iowa Bone Development Study
Fátima Baptista (Lisboa, Portugal)

- P150 DXA based evaluation of the bone mass and body composition in a group of Romanian cystic fibrosis children
Carmen Gabriela Barbu (Bucharest, Romania)

- P190 Development of an in vitro model of cancer stem cells from a rare human telangiectatic osteosarcoma
Gaia Palmini (Florence, Italy)

- P200 The platform of expertise for rare diseases Paris-Sud: an innovative model for gathering reference centers and improving care for rare diseases
Alessia Usardi (Le Kremlin Bicêtre, France)

ePoster Screen 4

Moderator: Neil Brett (Montreal, Canada)

- P199 Validation of questionnaire for measurement of sunlight exposure in children from Pune, India
Rubina Mandlik (Pune, India)

- P185 Effects of vitamin D with calcium supplementation or zinc supplementation on the incidence of infections in school children: a randomized controlled trial
Rubina Mandlik (Pune, India)

- P188 Paradoxical response of serum parathyroid hormone concentration in response to vitamin D and calcium supplementation in undernourished Indian children
Rubina Mandlik (Pune, India)

- LB16 Implementing an osteoporosis disease management program: What works and what doesn't work
Kathy Williams (Claremont, USA)