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 (Bunburry, Australia)
LB18 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 (Zumii, 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
Sopina Sakk (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: Sanja Soininen (Kuopio, Finland)
P064 Extensive periosteal new bone formation secondary to copper deficiency in a 2 year-old boy with arterial tortuosity syndrome
Sassaram Bowden (Columbus, USA)
P061 Renal tubular acidosis with an elevated urinary b2 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 Forester-Zhang (London, UK)
P087 Cranial synostosis and Chiari I malformation in x-linked hypophosphatemic rickets
Anya Rothenbuhler (Le Kremlin Bicêtre, France)

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
Siavagny Sthambam (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)
P037 Early fragility fractures in Zellweger Syndrome: peroxisome dysfunction affecting osteogenesis? 
Christine Buren (Bristol, UK)

**ePoster Screen 3**  
Moderator: Mary Scott Ramnitz (Bethesda, USA)  
P129 Growth and clinical outcome in a 16 year-old male with childhood hypophosphatasia after one year therapy with asfotase alf 
Sasigorn Bowden (Columbus, USA)

P035 Continuous subcutaneous PTH infusion in autosomal dominant hypocalcaemia 
Evelien Gevers (London, UK)

P025 Identification and characterization of a novel microRNA inhibiting osteoblast functions by suppressing actin polymerization 
Ajaz Ahmad John (Lucknow, India)

P024 The treatment of hyperparathyroidism familial tumoral calcinosis 
Karine Khatchadourian (Ottawa, Canada)

**ePoster Screen 4**  
Moderator: Heidi Kocsmemthy (Wilmington, USA)  
P053 Vitamin D intake and status in children 2-18 years: a meta-analysis 
Neil Brett (Notre-Dame-de-L’Île-Perrot, Canada)

P061 Early-life vitamin D status and bone mass at five years in a prospective birth cohort study 
Carol n’Chooshy (Cork, Ireland)

P058 Early-life vitamin D status and bone mass at five years in a prospective birth cohort study 
Carol n’Chooshy (Cork, Ireland)

P063 Vitamin D insufficiency and inadequate bone mineral status in newcomer immigrant and refugee children in Canada 
Garthiga Manickam (Saint Laurent, Canada)

**Monday 10:30-11:00**

**ePoster Screen 1**  
Moderator: Gareth Penman (Sheffield, UK)  
P051 Characterisation of skeletal development 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 
Carolyn Moutsopoulos (Leeds, UK)

**ePoster Screen 2**  
Moderator: Alice Costantini (Stockholm, Sweden)  
P107 A case of a novel de novo PLS3 deletion, presenting with vertebral fractures and mild dysmorphism 
Antonis Doulogeri (Athens, Greece)

P087 Generalized arterial calcinosis of infancy: a case of a new mutation with central nervous system involvement and good response to bisphosphonates 
Antonis Doulogeri (Athens, Greece)

**ePoster Screen 3**  
Moderator: Sophia Sakka (Birmingham, UK)  
P136 Preliminary results for a ramping model of pamidronate administration 
Alysia Givens (Liverpool, UK)

P126 Low dose of intravenous pamidronate therapy in quadriplegic children with osteoporosis 
Jean Lee (Incheon, Republic of Korea)

P126 A case of severe reaction following the use of pamidronate administration 
Jieun Lee (Incheon, Republic of Korea)

**ePoster Screen 4**  
Moderator: Antonio Maurizi (L’Aquila, Italy)  
P059 Multifocal osteomyelitis: a case series 
Michela Rossi (Rome, Italy)

P060 Improvement in spinal involvement with zoledronic acid in pediatric patients with chronic recurrent multifocal osteomyelitis: a case series 
Marc-Eve Robinson (Montreal, Canada)

**Moderated ePosters**

**ePoster Screen 4**  
Moderator: Antonio Maurizi (L’Aquila, Italy)  
P618 Cortico-cancellous bone allografting in treatment of children with orthopedic diseases 
Leonid Hluzkin (Mogilev, Belarus)

**ePoster Screen 4**  
Moderator: Dimitris Vlachopoulos (Exeter, UK)  
P097 Evaluation of the use of body quantitative computed tomography for the assessment of the tibia in children with neurofibromatosis 1 
Neil Brett (Montreal, Canada)

**ePoster Screen 3**  
Moderator: Dimitris Vlachopoulos (Exeter, UK)  
P184 Physical activity and health-related quality of life in children with chronic non-bacterial osteomyelitis – pilot and model project in a rare inflammatory bone disease 
Julia Nienthsch (Wurzburg, Germany)

**ePoster Screen 1**  
Moderator: Corinella Medina-Gomez (Rotterdam, Netherlands)  
P039 Cystinosin deficiency affects bone phenotype 
Gian Battista (Rome, Italy)

**ePoster Screen 2**  
Moderator: Sophia Sakka (Birmingham, UK)  
P077 The role of bone age in the evaluation of trabecular bone score (TBS) of children and adolescents 5 to 19 years old 
Rafael Angel Guagnelli (Cuauhtemoc, Mexico)

**Monday 15:30-16:00**

**ePoster Screen 1**  
Moderator: Corinella Medina-Gomez (Rotterdam, Netherlands)  
P039 Cystinosin deficiency affects bone phenotype 
Gian Battista (Rome, Italy)

**Moderated ePosters**

**ePoster Screen 3**  
Moderator: Sophia Sakka (Birmingham, UK)  
P183 Mediating effect of muscle on the relationship of physical activity trajectories and bone outcomes: The Iowa Bone Development Study 
Fatima Baptista (Lisboa, Portugal)

**ePoster Screen 3**  
Moderator: Dimitris Vlachopoulos (Exeter, UK)  
P183 Mediating effect of muscle on the relationship of physical activity trajectories and bone outcomes: The Iowa Bone Development Study 
Fatima Baptista (Lisboa, Portugal)

**ePoster Screen 4**  
Moderator: Neil Brett (Montreal, Canada)  
P189 Validation of questionnaire for measurement of sunlight exposure in children from Pune, India 
Rubina Mandlik (Pune, India)

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P189 Validation of questionnaire for measurement of sunlight exposure in children from Pune, India 
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**MacroScreen 2**  
Moderator: Neil Brett (Montreal, Canada)  
P189 Validation of questionnaire for measurement of sunlight exposure in children from Pune, India 
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