2025
ESPE-OSCAR
SCIENCE SYMPOSIUM

Mineralization of bone and growth plate, towards the development of new therapies

PARIS
September 18 & 19

PROGRAMME

ESPE
European Society for Paediatric Endocrinology

OSCAR
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FILIÈRE SANTÉ MALADIES RARES

SCIENTIFIC AND LOCAL ORGANIZING COMMITTEE

ESPE-OSCAR
PARIS 2025

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Claire BARDET (Paris, France)
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Julien VAN GILS (Bordeaux, France)
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The European Society for Paediatric Endocrinology (ESPE) is an international non-profit scientific organisation dedicated to improving the clinical care of children and adolescents with endocrine and metabolic conditions, including diabetes and rare bone disorders, through research, education, and the development of clinical standards. ESPE is a founding member of the International Consortium of Pediatric Endocrinology (ICPE) and actively promotes global collaboration in the field. Its mission is to advance excellence in paediatric endocrinology, diabetes, and bone disorders by fostering scientific discovery, medical education, and high-quality clinical care.

OSCAR - French rare diseases Healthcare Network: bone, cartilage and calcium diseases, officially designated and funded by the French Ministry of Health since 2014 under the National Rare Disease Plan. OSCAR is hosted by Assistance Publique – Hôpitaux de Paris (AP-HP) and coordinates a national network of expert centers, patient associations, research laboratories, and healthcare professionals dedicated to improving care, research, and education in rare skeletal diseases.

This event has been submitted for accreditation to the European Accreditation Council for Continuing Medical Education (EACCME®). Final credit assignment depends on verified attendance.

ORGANIZER

European Society of Pediatric Endocrinology (ESPE) & OSCAR, The French network of rare bone, calcium and cartilage diseases

EVENT

2025
ESPE-OSCAR
SCIENCE SYMPOSIUM

DATES

September 18 & 19, 2025

VENUE / CITY

PARIS – FRANCE
Hyatt Regency Paris Étoile

SPEAKERS & CHAIRS

A

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Thomas Levin Geiser ANDERSEN
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Salome BATSASHVILI
Endocrinology Fellow, LLC Aversi Clinic, and lectures at European University, Tbilisi, Georgia

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SPEAKERS & CHAIRS

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SPEAKERS & CHAIRS

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THURSDAY 18 SEPTEMBER

12:00 - 13:20 **Lunch break**

OPENING CEREMONY

13:20 - 13:30 *Agnès LINGLART (Le Kremlin-Bicêtre, France)*

KEYNOTE LECTURE

Chairs: Valérie CORMIER-DAIRE (Paris, France), Adalbert RAIMANN (Vienna, Austria)

13:30 - 14:00 **Genetic disorders of the skeleton: a developmental approach**
Uwe KORNAK (Göttingen, Germany)

SESSION 1 - SHORT STATURE AND BONE GROWTH

Chairs: Valérie CORMIER-DAIRE (Paris, France), Adalbert RAIMANN (Vienna, Austria)

14:00 - 14:30 **Genetics of short stature and mild skeletal anomalies**
Karen E. HEATH (Madrid, Spain)

14:30 - 15:00 **The mouse model of hypochondroplasia**
Laurence LEGEAI-MALLET (Paris, France)

15:00 - 15:30 Short oral communications

Prevention of height deficit by burosumab in toddlers affected by XLH
Alexandra ERTL (Le Kremlin-Bicêtre, France)

Lower limb lengthening outcomes in achondroplasia: timing of surgery and impact on height and functionality
Inês ALVES (Évora, Portugal)

15:30 - 16:00 **Interactive clinical cases by attendees and faculty**
Valérie CORMIER-DAIRE (Paris, France), Thomas EDOUARD (Toulouse, France), Marjolaine WILLEMS (Montpellier, France)

16:00 - 16:30 **Coffee break and Posters**

THURSDAY 18 SEPTEMBER

SESSION 2 - LESSONS FROM THE GROWTH PLATE AND TOOLS

Chairs: Justine BACCHETTA (Lyon, France), Corinna GRASEMANN (Bochum, Germany)

16:30 - 17:00	**Characterization of bone mineralization in rare diseases** Nadja FRATZL-ZELMAN (Vienna, Austria)
17:00 - 17:30	**The input of new technologies for bone tissues** Thomas Levin Geiser ANDERSEN (Odense, Denmark)
17:30 - 18:00	Short oral communications **Continuous subcutaneous parathyroid hormone (PTH 1-34) infusion (CSPI) in children and young people with severe autosomal dominant hypocalcaemia type 1 (ADH1); long term follow-up** Aikaterini PEROGIANNAKI (London, UK) **Genetic insights into short stature: an evaluation of clinical, hormonal, and genetic parameters in a real world paediatric cohort** Virginia ROSSI (London, UK)
18:00	**End of day 1 sessions**
20:00	**Dinner**

FRIDAY 19 SEPTEMBER

SESSION 3 - TEETH AS A MODEL TO STUDY BONE PATHOLOGY

Chairs: Catherine CHAUSSAIN (Paris, France), Martin BIOSSE DUPLAN (Paris, France)

08:30 - 09:00	**Autoimmune amelogenesis imperfecta in APS1** Jakub ABRAMSON (Rehovot, Israel)
09:00 - 09:30	**Rare disorders and impaired tooth mineralization** Brian FOSTER (Ohio, USA)
09:30 - 10:00	**Therapeutic strategies of X-linked hypophosphatemia** Claire BARDET (Paris, France)
10:00 - 10:30	Short oral communications **ENAMEL phenotype of mouse models of familial hypocalciuric hypercalcemia types 2 and 3** Anne-Laure Leyla LAKHEL (Paris, France) **Identification of amelogenesis imperfecta in patients with hypercalcemia due to GNA11 loss-of function mutations** Nicolas OBTEL (Paris, France)
10:30 - 11:00	**Coffee break and Posters**

SESSION 4 - WHAT'S NEW IN VITAMIN D?

Chairs: Agnès LINGLART (Le Kremlin-Bicêtre, France), Raja PADIDELA (Manchester, UK)

11:00 - 11:30	**Manipulation of the VDR** Gilles LAVERNY (Strasbourg, France)
11:30 - 12:00	**Nutritional rickets in the world** Wolfgang HÖGLER (Linz, Austria)
12:00 - 12:30	Short oral communications **Assessment of placental Vitamin D transport in a UK cohort enriched for pregnancies with suboptimal fetal growth** Reena PERCHARD (Manchester, UK) **Empiric Vitamin D supplementation: a potential strategy to prevent type 2 diabetes?** Salome BATSASHVILI (Tbilisi, Georgia)
12:30 - 13:00	**Interactive clinical cases by attendees and faculty** Justine BACCHETTA (Lyon, France), Agnès LINGLART (Le Kremlin-Bicêtre, France), Arnaud MOLIN (Caen, France)
13:00 - 14:00	**Lunch break and Posters**

FRIDAY 19 SEPTEMBER

SESSION 5 - FIBROUS DYSPLASIA OF BONE

Chairs: Roland CHAPURLAT (Lyon, France), Frédéric VELARD (Reims, France)

14:00 - 14:30	**Lessons from the animal models** Mara RIMINUCCI (Rome, Italy)
14:30 - 15:00	**Clinical landscape from the registries** Natasha APPELMAN-DIJKSTRA (Leiden, The Netherlands)
15:00 - 15:30	Short oral communications **Implication of autotaxine in oral fibrous dysplasia of bone** Johan SERGHERAERT (Reims, France) **Progression of spinal fibrous dysplasia lesions in adults: a 10-year follow-up study** Arnaud VANJAK (Paris, France)
15:30 - 16:00	**Coffee break and Posters**

SESSION 6 - ROUND TABLE ON RECENT GUIDELINES AND PERSPECTIVES PATIENTS

Chair: Agnès LINGLART (Le Kremlin-Bicêtre, France)

16:00 - 17:00	**Achondroplasia** Valérie CORMIER-DAIRE (Paris, France) **X-linked hypophosphatemia (XLH)** Dieter HAFFNER (Hannover, Germany) **Patient Representative Group – Association RVRH-XLH** Frédéric GAULOIS (Suresnes, France)

CLOSING PLENARY CONFERENCE

Chair: Hervé KEMPF (Nancy, France)

17:00 - 17:30	**The genetics of hereditary disorders of ectopic calcification** Frank RUTSCH (Münster, Germany)
17:30	**Closure of the meeting and departures**

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THE SCIENCE SYMPOSIUM ESPE-OSCAR 2025

www.espe-oscar-science-symposium-2025.org

CONTACTS

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