



SPECIAL EVENT

Calcification disorders: from mechanisms to therapeutic strategies

December 13th, 2022
Centre Prouvé, Nancy, France

Organizing Committee
Hervé Kempf (Nancy, France) & Magali Cucchiari (Homburg, Germany)

AM SESSION

- 9:00 - 9:10** Hervé Kempf (Nancy, France) & Magali Cucchiari (Homburg, Germany)
Welcome and Introduction
- 9:10 - 9:35** David Magne (Lyon, France)
Tissue-nonspecific alkaline phosphatase: a possible therapeutic target to prevent cardiovascular calcification
- 9:35 - 10:00** Claudia Göttlich (Aachen, Germany) via videoconference
The role of cellular-derived and extracellular particles in arterial calcification
- 10:00 - 10:25** Jessica Bertrand (Magdeburg, Germany) via videoconference
Calcium pyrophosphate deposition in OA
- 10:25 - 10:50** Yvonne Nitschke (Münster, Germany) via videoconference
Generalized arterial calcification of infancy - from bench to bedside
- 10:50 - 11:20** **Coffee break**
- 11:20 - 11:45** Hildur Arnardottir (Stockholm, Sweden)
Resolution of inflammation and calcification: from vessels to skin.
- 11:45 - 12:10** Lukas Nollet (Ghent, Belgium)
Serum calcification propensity T50 associates with disease severity in PXE patients
- 12:10 - 12:35** Catherine Shanahan (London, UK) via videoconference
Ageing and the DNA damage response drive vascular calcification
- 12:35 - 13:00** João Santos (Faro, Portugal) via videoconference
Zebrafish models to study ectopic calcification and calcium-associated pathologies
- 13:00 - 14:00** **Lunch and networking – Poster tour**

PM SESSION

- 14:00 - 14:25** Emmanuel Letavernier (Paris, France)
Pyrophosphate and cardiovascular calcification in chronic kidney disease
- 14:25 - 14:50** Lucie Hénaut (Amiens, France)
Macrophages as key regulators in chronic kidney disease-induced cardiovascular calcifications
- 14:50 - 15:15** Simon Toupance (Nancy, France)
Telomere length dynamics in aortic valve calcification
- 15:15 - 15:45** **Coffee break.**
- 15:45 - 16:10** Claire Bardet (Paris, France)
Proof-of-concept of gene therapy for X-linked hypophosphatemia
- 16:10 - 16:35** Ariane Berdal et Renata Kozyraki (Paris, France)
Ectopic mineralization and tooth ankylosis in the enamel-renal syndrome
- 16:35 - 17:00** Tamas Aranyi (Budapest, Hungary) via videoconference
Incompletely penetrant variants identified in 1000 PXE patients
- 17:00 - 17:25** Monzur Murshed (Montreal, Canada) via videoconference
One gene two rare diseases: Keutel Syndrome & Spondyloepiphyseal Dysplasia
- 17:25 - 17:45** **Meeting wrap-up by organizers and departure**