

International Symposium on Cardiovascular Calcification



Day 1 – October 10th



13h30 – Opening words

Basic Knowledge

14h ● **Bone vs. non-bone calcification**
Dr Isabel Orriss, Royal Vet. Coll, Univ. London, UK

14h30 ● **Inflammation & Atherosclerotic Plaque Calcification: Insight into the Multifaceted TNAP**
Prof David Magne, Institute of Molecular and Supramolecular Chemistry and Biochemistry, Lyon, France

15h ● **Role of the macrophages in CV calcification**
Focus on chronic kidney disease
Dr Lucie Henaut, MP3CV, CURS, Amiens, France

15h30 ● **Selected Oral Communication: New insights in osteogenic differentiation of interstitial cells from human aortic valves: role of the Transient Receptor Potential Melastatin 4 (TRPM4) channel**
Margaux Aize - UR4650-PSIR, Caen, France



15h45 – Coffee Break/ Poster session

Basic Knowledge

16h30 ● **The impact of calcification on the cardiovascular system**
Prof Georges Lefthérotis, Dept Vasc Med, Univ. Hosp Nice, LP2M-CNRS, Med School Nice, France

17h ● **Lipids, atherosclerotic plaques & calcifications**
Prof Magnus Bäck, Cardiovasc. Res. and Edu., Karolinska Univ. Hosp. - Translational Card., Karolinska Institutet, Stockholm, Sweden

17h30 ● **Selected Oral Communication: Ferroptosis of valvular interstitial cells as a result of erythrophagocytosis promotes calcific aortic valve stenosis**
Zihan Qin - Karolinska Institutet, Sweden

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Day 2 – October 11th

Biomarkers of calcification

- 8h30 ● **Vitamin K and vitamin K dependent proteins as biomarkers of CV calcification**
Prof Leon Schurgers, CARIM School for Cardiovascular Diseases, Univ Maastricht, Netherland
- 9h ● **Calcioproteins: All you need to know about it !**
Prof Andreas Pasch, Nephrol. Clinic, Bern, Switzerland
- 9h30 ● **Pyrophosphate: A central player in CV calcification ?**
Dr Christophe Duranton, CNRS, LP2M, Nice, France
- 10h ● Selected Oral Communication: **Circulating monocytes from patients promote calcific aortic valve disease development**
Léa Di Maria - Université de Rouen, France



10h15 – Coffee Break

- 10h45 ● **Imaging of Intracranial Arterial Calcification : a Major Risk Factor for Stroke**
Dr Daniel Bos, Erasmus, Netherland
- 11h15 ● **Arterial heterogeneity and calcification**
Dr Thibaut Quillard, Thorax Institute, Inserm/CNRS, Nantes, France
- 11h45 ● Selected Oral Communication: **The observation of arterial media calcification, iron deposition and lipid peroxidation in CKD patients on dialysis**
Astrid Van der Branden - University of Antwerp, Cell death signaling lab, Universiteits plein 1, Wilrijk, Belgium



12h – Lunch time

Clinical aspects

- 13h30 ● **Inherited disorders of cardiovascular calcification**
Dr Frank Rutsch, Dept. Peditry, Univ. Münster, Germany
- 14h ● **The role of calcification in atherosclerotic plaque rupture and aortic valve disease**
Prof Elena Aikawa, Center for Interdisciplinary Sciences, Harvard Med School, USA
- 14h30 ● **Cardiovascular calcification and nephrology**
Prof Ziad Massy, Dept. Nephrology, Inserm & APHP, Paris, France
- 15h ● Selected Oral Communication: **Circulating monocytes from patients promote calcific aortic valve disease development**
Dr Viktória Jeney- University of Debrecen, Hungary



15h15 – Coffee Break/ Poster session

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Therapeutic and beyond

- 16h ● **Calcification & the vascular surgery**
Dr Jean-Michel Davaine, Dprt of Vasc. surgery, la Pitié Salpêtrière, Paris
 - 16h30 ● **Drug treatment of arterial calcification**
Dr Wilko Spiering, Dept. Vasc Med, Univ. Utrecht, Netherland
 - 17h ● **Is there a benefit to treat CV calcification ?**
All speakers
-
- **Conclusions and Farewell**

Organizer

Prof. Lefthériotis Georges

Contact

Local organizing Committee

- Dr. Bendahhou Saïd
- Dr. Bernardor Julie
- Dr. Blin Claudine
- Prof. Chinetti Giulia
- Clotaire Laetitia (PhD student)
- Dr. Duranton Christophe
- Dr. Materozzi Maria
- Dr. Rubera Isabelle
- Prof. Sadaghianloo Nirvana

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