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Medial vascular calcification in chronic kidney disease – from phosphate toxicity to new therapeutic concepts

Mini-abstract:

In this project, we aim to investigate how we can promote the beneficial function of β -catenin in both glomerulus and tubule, focusing particularly on proteinuric kidney disease. Medial vascular calcification is associated with the excessive cardiovascular mortality in chronic kidney disease patients. This calcification has been recognized as a complex and active process which is augmented by phosphate. Arterial calcification involves transdifferentiation of vascular smooth muscle cells into cells with osteo- and chondroblastic properties. Dissecting the signaling network promoting these cellular alterations may identify targets for new therapeutic strategies.

Time: Monday 9th November 2020, 17:15h
Location: zoom

To get the zoom link please contact:
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