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Lecture 10-11-2023

Colloquium 'Arts Meet Sciences'

CIRCULATION AND REPRESENTATIONS IN ARTS (PAINTINGS, MUSIC)

My presentation aims to demonstrate, in a simple way, how circulation as a periodic system resembles many natural phenomena such as the circle of water, day and night, etc. This fascinating physiological system attracted many scientists through millennia, but the current understanding of circulation is relatively new, only a bit more than four hundred years old. We shall look at artistic representations of the development of science, and we shall listen to segments of music representing water flow from the source to the ocean – and see how this corresponds to blood flow in our bodies. Finally, we shall have an overview of cardiovascular diseases and new approaches to studying human circulation in health and disease.