



## CCR Impromptu Seminar



### **Dimitris Tsiantoulas, PhD**

Medical University of Vienna & Center for Molecular  
Medicine of the Austrian Academy of Sciences

## APRIL, a major regulator of cardiovascular diseases

Heart attacks are the main causes of death worldwide. The main underlying pathology of this devastating condition is atherosclerosis, a lipid-driven chronic inflammatory disease that leads to the formation of an atherosclerotic plaque in large and medium size arteries. Plaque rupture or erosion triggers thrombus formation, which restricts blood flow in the artery, thereby limiting oxygen supply to the heart muscle and consequently causing myocardial cell necrosis. Dimitrios Tsiantoulas leads a research group that studies the role of the immune system in cardiovascular diseases, including atherosclerosis and myocardial infarction, and lipid metabolism.

#### Main Research Interests

Dissect the effect of B cell immunity in atherosclerosis and myocardial infarction  
Investigate the function of APRIL (A Proliferation Inducing Ligand) in cardiovascular disease

Identify immunomodulatory therapies for cardiovascular diseases

**Venue:** Lecture Hall B1, Bt31.1, Borschkegasse 4a

**Time:** Thursday, April 20, 2023, at 14.00

**Host:** Thomas Vogl