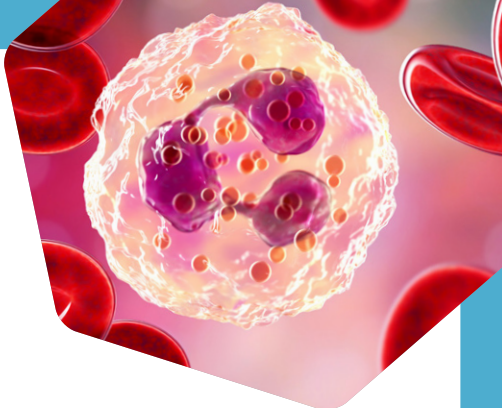


# Unveiling Inflammation: Pathophysiology, Associated Diseases and Ways to Influence Resolution



Thursday 25<sup>th</sup> November 2021 | 16h00 – 17h00 CEST



## General Pathophysiology of Inflammation and Relevance in the Example of Osteoarthritis

**Dr. Raquel Largo**, PhD in Biochemistry and Molecular Biology  
IIS-Fundación Jiménez Díaz-Universidad Autónoma de Madrid

Dr. Raquel Largo is senior biomedical researcher and deputy director of the Bone and Joint Research Unit at Fundación Jiménez Díaz University Hospital Health Research Institute since 2000, and a full professor at the Nursery School of the Fundación Jiménez Díaz-UAM. Her research focuses on the molecular and biochemical pathogenic mechanisms associated to chronic joint diseases, as well as on the effect of diverse anti-rheumatic drugs in the evolution of these pathologies. Both employing animal experimental models and human tissues, her group especially studies the role of inflammation in the synovial and cartilage damage during rheumatoid arthritis and osteoarthritis.



## Resolution of Inflammation: the Way Out for many Common Disorders

**Prof. Dr. Oliver Werz**, Professor for Pharmaceutical Chemistry  
The Friedrich Schiller University Jena, Germany

Prof. Dr. Oliver Werz investigates the molecular and cellular mechanisms that underlie the initiation, maintenance and resolution of inflammatory reactions. The focus here is on bioactive lipid mediators that have pro-inflammatory (prostaglandins, leukotrienes) or inflammation-resolving (resolvins, protectins, lipoxins, maresins) properties as well as natural products as pharmacologically active substances. In this context, he also works on pharmacologically relevant target structures and mechanisms of anti-inflammatory agents at the molecular and cellular level. With over 330 peer-reviewed publications, his work has been awarded several high-ranking prizes.

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