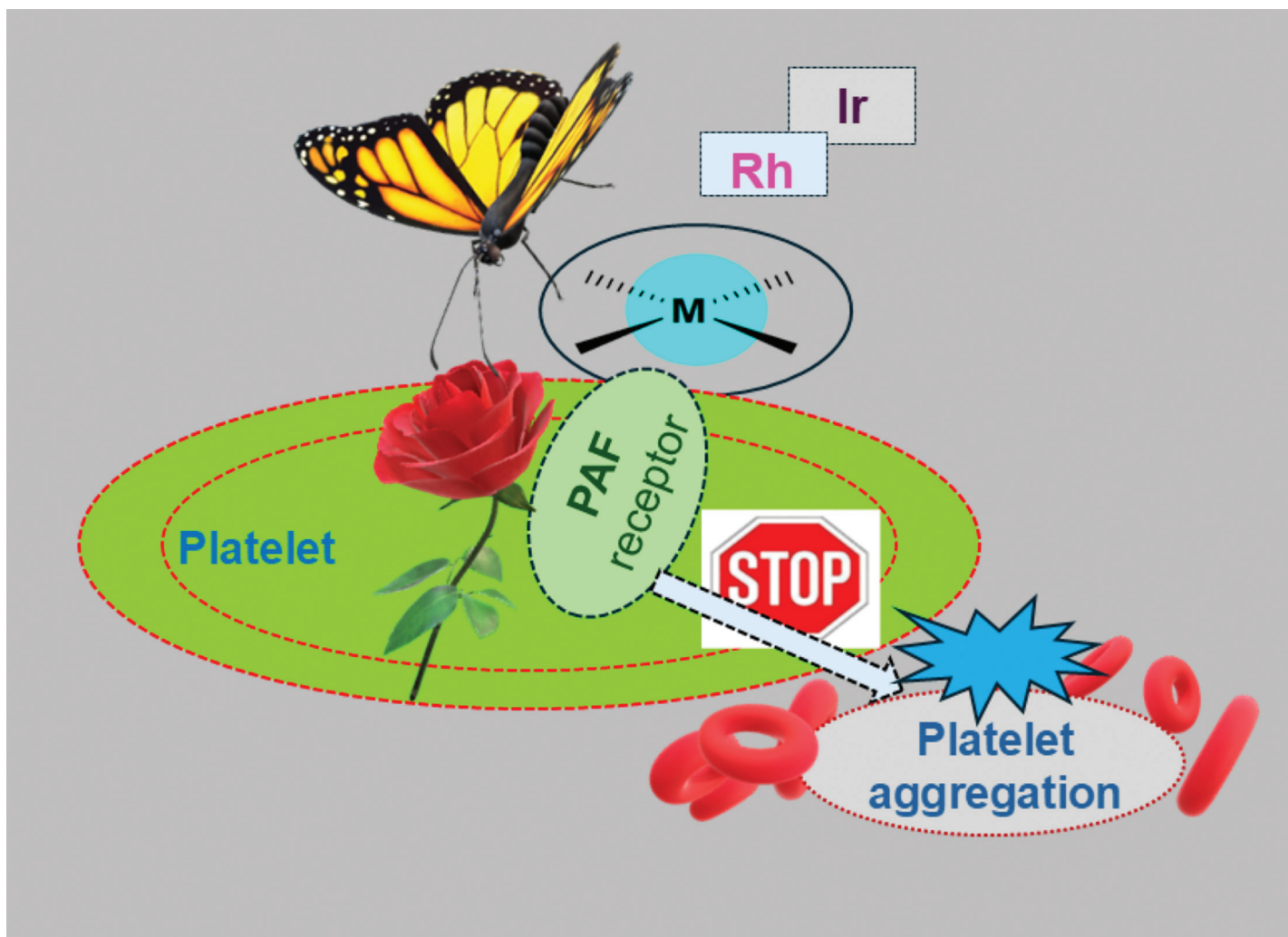




Showcasing research from Professor Philippopoulos's laboratory, Department of Chemistry, National and Kapodistrian University of Athens, Attica, Greece.

Metal-based complexes with antiplatelet properties: antagonists of the platelet-activating factor receptor (PAFR) and other aggregating agents

In this article, we report on coordination and organometallic compounds displaying anti-inflammatory and/or antithrombotic potencies, particularly through the inhibition of platelet aggregation. The study of the effects of a variety of metal complexes on a biological target, such as the Platelet-Activating Factor (PAF) and its receptor (PAFR), has emerged as a versatile approach, towards this goal. This article elucidates the progress in this area over the last 15 years, focusing on the great potential of transition metal complexes as possible therapeutic agents to treat inflammatory-assisted diseases, thromboembolic disease and oxidative stress.

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