



UNIVERSITY OF NAPOLI "FEDERICO II"

POLYTECHNIC AND SCIENCE SCHOOL

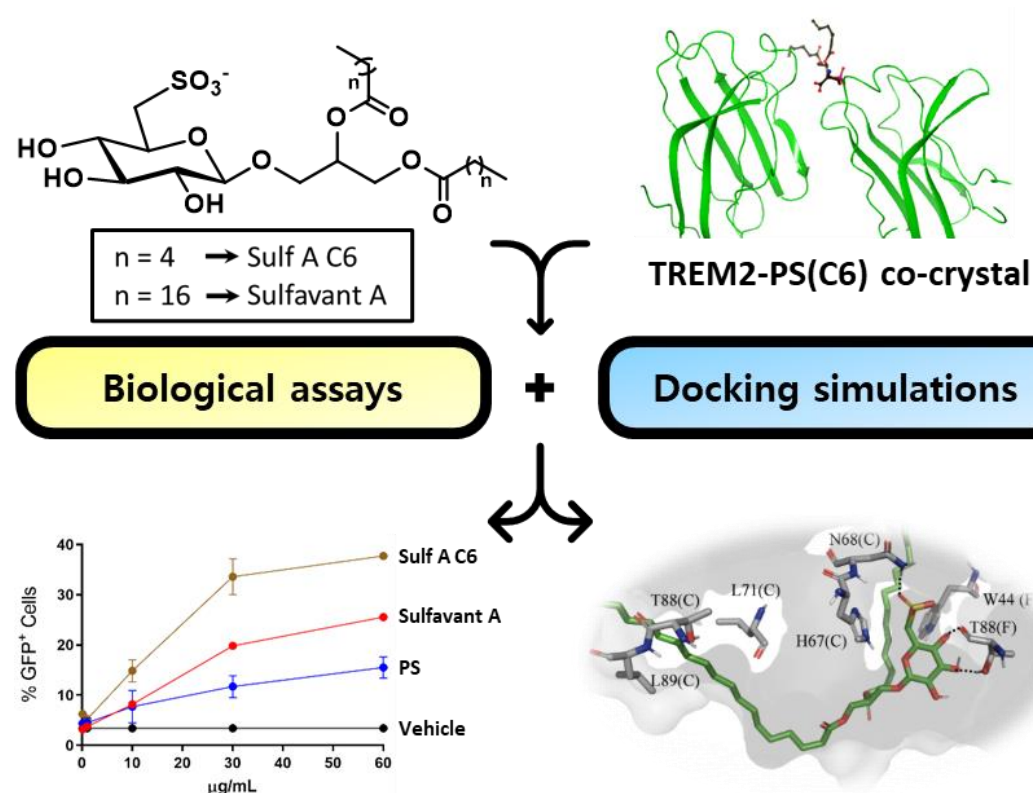
Department of Chemical Sciences

Ph.D. School in Chemical Sciences (XXXVI Cycle)



Third year activity

An in-depth study of the interaction mechanism of Sulfavant A and derivatives with the receptor TREM2 was performed using a combined experimental and molecular docking approach. The results represent a starting point for SAR study, crucial to optimize the binding with TREM2, important in the immune system regulation.



Ph.D. Student

Marcello Mercogliano

Title

Synthesis and development of nature-inspired molecules with immunomodulatory activity.