

理学国際教育研究センター 研究セミナー

## **Reactive Sulfur Species: a novel paradigm in Cellular Biology**



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専門分野: Biological Chemistry of Sulfur; Inflammation & Epigenetics

日時: 令和 6 年 8 月 2 日 (金) 13:15 より  
場所: 大阪公立大学 中百舌鳥キャンパス  
C10 棟 5 階 大講義室 (503 室)

事前参加申し込みは不要です。  
会場まで直接お越しください。

Oxidative stress is a major driver of cellular dysfunction in ageing and disease. While Reactive Oxygen Species (ROS) have been linked to oxidative stress, this seminar will focus on cellular oxidation by Reactive Sulfur Species (RSS), such as persulfides and polysulfides, as major contributors to cellular oxidative stress. Here the chemical biology of RSS will be discussed and their chemical and cellular properties and their potential role in health and disease.

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