

The nitrate-nitrite-NO pathway: a reductionist approach to cardiovascular disease



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Amrita Ahluwalia is Professor of Vascular Pharmacology and Co-Director of The William Harvey Research Institute, Barts and the London School of Medicine and Dentistry at QMUL. Her research focuses on enhancing understanding of the inflammatory processes involved in diseases of the cardiovascular system and in this way identifying novel therapeutic targets. A major research focus of her group is the study of the bioactivity of the reductive nitrate-to nitrite to NO pathway, often dubbed the enterosalivary circuit of inorganic nitrate. Prof Ahluwalia's group made seminal discoveries in the field not least the cardioprotective actions of nitrite and the blood pressure lowering efficacy of dietary nitrate.

The most relevant publications:

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