THE NITRIC OXIDE VIEW: PERSPECTIVES AND APPLICATIONS

Aims & Scope:
Nitric oxide (NO) is a recognized signal molecule involved in several functions in respiratory tract under physiological and pathogenic conditions. Available evidences show that NO alone or in connection with other molecules is involved pathogenesis of airways inflammation in the respiratory tract, as well as on experimental conditions. Furthermore, it has been suggested as a simple biomarker to be used in clinical practice for a basic precision medicine approach, deciding which patient will have the best chance to respond to inhaled corticosteroids, and to some biologicals drugs. Exhaled NO might be useful also as biomarker after exposure to toxicant in occupational medicine. This special issue will provide an update on the use of this molecule in several physiological and pathological processes including its role as a biomarker.

Keywords:
Biomarkers, inflammation exhaled nitric oxide, asthma, pulmonary hypertension, occupational.

Schedule:
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