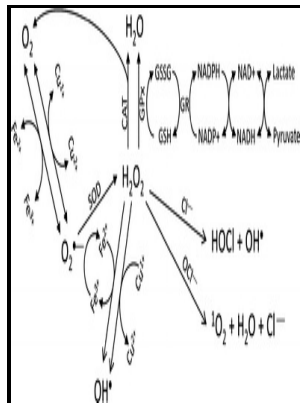


# Reactive metabolites of oxygen and nitrogen in biology and medicine

**R.G. Landes - Ras Regulation by Reactive Oxygen and Nitrogen Species**

Description: -



-  
Nuclear power plants -- Florida -- Safety measures  
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Marriage.  
Active nitrogen -- Physiological effect  
Active oxygen -- Physiological effect  
Free radicals (Chemistry) -- Physiological effect  
Reactive metabolites of oxygen and nitrogen in biology and medicine

-  
Medical intelligence unit  
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Notes: Includes bibliographical references (p. [85]-100) and index  
This edition was published in 1992



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## Reactive oxygen/nitrogen species and acute inflammation: A physiological process

Cell Calcium 2007, 41 5 , 491-502.

## Reactive oxygen species (ROS) as pleiotropic physiological signalling agents

Boughton-Smith NK, Evans SM, Hawkey CJ, et al.

## Role of reactive metabolites of oxygen and nitrogen in inflammatory bowel disease,

Future studies will have to clarify whether and when these putative NO generating systems operate during symbiosis. These agents may also be valuable as pharmacological agents in treating these disease processes. Strategies are currently being developed that rely on cDNA-AFLP and microarray technologies to isolate and analyse H<sub>2</sub>O<sub>2</sub>, GSH, and NO targets.

## Role of Reactive Metabolites of Oxygen and Nitrogen in Inflammatory Bowel Disease: Toxins, Mediators, and Modulators of Gene Expression

Reactive metabolites of oxygen and nitrogen in biology and medicine. This isozyme is regulated at the transcription level and can be induced by a variety of different pro-inflammatory cytokines and mediators as well as by certain bacterial products.

## The production of reactive oxygen and nitrogen species by skeletal muscle

It still remains to define more precisely the role of H<sub>2</sub>O<sub>2</sub> in the infection thread development including bacterial proliferation. Nitric Oxide 2008, 19 2 , 68-72. Measuring intracellular concentration of hydrogen peroxide with the use of genetically encoded H<sub>2</sub>O<sub>2</sub> biosensor HyPer.

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