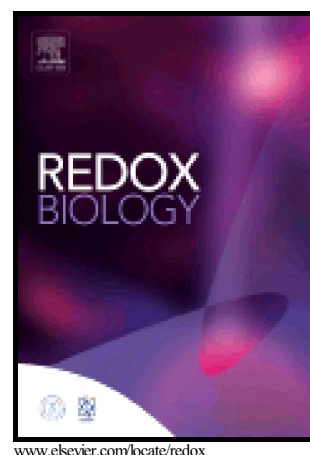


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# GSNOR modulates hyperhomocysteinemia-induced T cell activation and atherosclerosis by switching Akt S-nitrosylation to phosphorylation

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**Running title:** HHcy-GSNOR-Akt axis in T-cell-driven AS

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## Taxonomy:

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## Abbreviations:

ApoE	apolipoprotein E
CAD	coronary artery disease
DTT	dithiothreitol
GSNO	S-nitrosoglutathione
GSNOR	S-nitrosoglutathione reductase
Hcy	homocysteine
HHcy	hyperhomocysteinemia
IFN- $\gamma$	interferon $\gamma$
IL-2	Interleukin 2
iNOS	inducible nitric oxide synthase
NAc	N-acetyl-L-cysteine
NO	nitric oxide
PBMC	peripheral blood mononuclear cell
ROS	reactive oxygen species
SNO-protein	S-nitrosylated protein
SNOs	S-nitrosothiols

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