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**Hypohalous acid-modified human serum albumin induces neutrophil NADPH-oxidase activation, degranulation and shape change**

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**Key words:** human serum albumin; myeloperoxidase; human neutrophil; degranulation; hypochlorous acid; hypobromous acid; oxidative stress

**Abstract**

Halogenated lipids, proteins and lipoproteins formed in reactions with myeloperoxidase (MPO)-derived hypochlorous acid (HOCl) and hypobromous acid (HOBr), can contribute to the regulation of functional activity of cells and serve as mediators of inflammation. Human serum

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