



Selected Review from the Current Issue:

NF- κ B signaling pathway and free radical impact

Agnieszka Siomek

The activation of NF- κ B transcription factor is critical for a wide range of processes such as immunity, inflammation, cell development, growth and survival. It is activated by a variety of stimuli including cytokines, ionizing radiation and oxidative stress. Redox modulations of NF- κ B pathway have been widely demonstrated. Studies carried out during last years have advanced our knowledge about possible connections between NF- κ B pathway and the impact of free radicals. This review is an endeavor to gather recent results focused on this issue, although an important question, whether oxidative stress plays a physiological role in NF- κ B activation, seems to be still unanswered.

Acta Biochimica Polonica, 59(3), 323-331, Review