

# **Progress in Inflammation Research**

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# Lipoxygenases in Inflammation

 Springer

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# Preface

Lipoxygenases oxidize polyunsaturated fatty acids and can generate lipid mediators which have a broad spectrum of physiological and pathophysiological functions. Data gathered during the last decades suggest that lipoxygenase metabolites are involved in host defence reactions and the cardiovascular system and contribute to the development of inflammatory and allergic diseases, cardiovascular disease, and cancer but are also involved in the resolution of inflammation. This *Progress in Inflammation Research* volume summarizes the physiological and pathophysiological functions of lipoxygenases.



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