

## Preface

Eicosanoids are signaling molecules made by the enzymatic or non-enzymatic oxidation of arachidonic acid or other polyunsaturated fatty acids (PUFAs) that are, similar to arachidonic acid, around 20 carbon units in length. Eicosanoids are a sub-category of oxylipins, i.e. oxidized fatty acids of diverse carbon units in length, and are distinguished from other oxylipins by their overwhelming importance as cell signaling molecules.<sup>1</sup>

In the present book, ten typical literatures about eicosanoid published on international authoritative journals were selected to introduce the worldwide newest progress, which contains reviews or original researches on eicosanoid. We hope this book can demonstrate advances in eicosanoid as well as give references to the researchers, students and other related people.

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<sup>1</sup> From: <https://en.wikipedia.org/wiki/Eicosanoid>