



## Cytochrome P450 (CYP) in Health and Disease

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submissions:

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### Message from the Guest Editor

Human cytochrome P450 enzymes play a crucial role in various biological processes and human diseases. Many P450s metabolize drugs used to treat human diseases. Aside from this prominent function, other P450s are necessary for the synthesis of endogenous compounds essential for human physiology. On some occasions, alterations of specific P450s affect the biological processes that they mediate and lead to disease. P450 substrates are exogenous chemicals with potential pathogenic properties. Clinically important P450s are enzymes that act on major endogenous substrates and in many cases control their levels. Therefore, a change in the activity of these P450s often causes severe human diseases. In addition, to date, it remains a challenge to elucidate the role of P450s in the development of chronic diseases. Genetic polymorphism of P450 enzymes and nongenetic factors affecting the expression and activity of these proteins have substantial biological and pathological consequences.

Original manuscripts and reviews dealing with all aspects of the cytochrome P450 superfamily in health and disease are invited to this Special Issue for peer review, to be considered for publication.





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## Message from the Editor-in-Chief

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