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Molecular Defects of Naturally Occurring Mutations

Guest Editor:

Prof. Dr. Ya-Xiong Tao

Department of Anatomy, Physiology and Pharmacology, College of Veterinary Medicine, Auburn University, Auburn, AL 36849, USA

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Message from the Guest Editor

Dear Colleagues,

Naturally occurring mutations nature-made are experiments that yield novel insights into the physiological functions of the proteins encoded by these mutated genes. Functional studies of the mutant proteins provide important structure-function insights. These studies can be more fruitful than traditional mutagenesis experiments because the mutant proteins have important phenotypes. Mutant proteins can have either loss-of-function or gain-offunction. The studies of these mutant proteins can also point to potential strategies for precision medicine. For example, loss of function mutations can be potentially treated with pharmacological chaperones that correct the misfolding. This Special Issue will provide examples of these aspects of human genetics. Manuscripts dealing with mutations in other animals that have relevance to humans. are also welcome.

Prof. Dr. Ya-Xiong Tao *Guest Editor*



Specialsue





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Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences, Sez-Biochimica, Faculty of Medicine, Università Politecnica delle Marche, Via Ranieri 65, 60100 Ancona, Italy

Message from the Editor-in-Chief

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