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Zebrafish as a Model in Human Disease

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Message from the Guest Editors

This Special Issue on "Zebrafish as a Model in Human Disease" welcomes original investigations as well as concise review manuscripts focusing on the application of the zebrafish organism to model disease and provide new insight into disease mechanism and therapy. Understanding and fighting diseases require the right tools. Some aspects of disease biology and treatment, such as tissue homeostasis, interactions between cells and their microenvironment, and response to drugs, cannot be fully recapitulated in vitro. The zebrafish continues to fascinate the research community and represents an ideal model for the in vivo study given its transparency, high manipulability, versatility and availability of a range of genetic tools (mutant, transgenic lines and biosensors), enabling researchers to answer key biological questions at a whole-organism level.



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Message from the Editor-in-Chief

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