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Proteases: Structure and Drug Development

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Message from the Guest Editors

Dear Colleagues,

Proteases (also called peptidases or proteinases) catalyze the breakdown of proteins into polypeptides or single amino acids. Proteases play an important role in many physiological functions from food digestion to signalling pathways. Tight regulation of protease activity is important for homeostasis, and a dysregulation can lead to many human diseases. Proteases are known drug targets with small molecule inhibitors currently used clinically against cancer and several viral targets.

This Special Issue welcomes the submission of original research, communications, and review manuscripts focusing on proteases as targets for diagnosis and therapy, inhibitor design, and discovery as well as structural characterization of medically relevant proteases.

Prof. Dr. Steven Verhelst
Prof. Dr. Joel D. A. Tyndall
Guest Editors



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Special Issue



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Message from the Editor-in-Chief

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