

Adhesion Molecules-30
Aging-9
Agricultural Biotechnology-37
Angiogenesis-29
Antisense-4
Apoptosis-49
Atherosclerosis-12
Autoimmunity-69
Bacterial Virulence-18
Bioinformatics-13
BioMaterials-18
Biotechnology-81
Cancer Genetics-25
Cancer Metastasis-19
Cell Biology-12
Cell Cycle-34
Cell Metabolism-323
Channels and Transporters-79
Chaperones-11
Circadian Rhythms-13
Coagulation-14
Cytokines/Growth Factors-52
Development-224

Chapter category:

Editorial:

The Coronin Family of Proteins

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The Coronin Family of Proteins

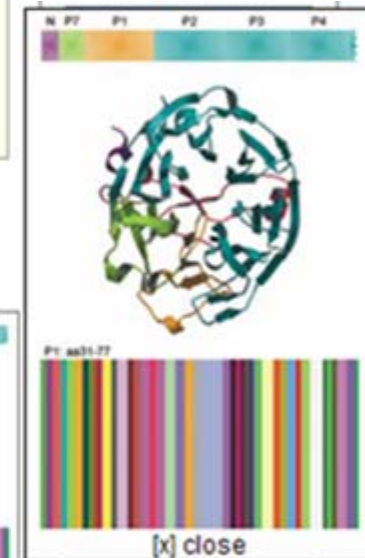
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Chapter authors:

Christoph S. Clemen, Vasily Rybakin and Ludwig Eichinger

The coronins, first described in *Dictyostelium discoideum* in 1991, have meanwhile been detected in all eukaryotes except plants. They belong to the superfamily of WD40-repeat proteins and represent a large family of proteins, which are often involved in cytoskeletal functions. Phylogenetic studies clearly distinguish twelve subfamilies of which six exclusively occur in vertebrates. In the present book we have made a sincere attempt to provide a comprehensive overview on all aspects of coronin proteins including history, structure, subcellular localization and function in different organisms. In addition, we also included a general overview on the WD40 family of proteins and the structurally related Kelch family. The book should be of interest for scientists outside the field, but is more importantly intended as a fast and competent guide for newcomers as well as doctoral and postdoctoral scientists to coronin research in all its facets.



Christoph S. Clemen

Center for Biochemistry, Medical Faculty, University of Cologne