

Advances in
**PROTEIN CHEMISTRY and STRUCTURAL
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Personalized Medicine

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Edited by
Rossen Donev

This is a thematic volume focusing on recent developments in personalized medicine. The aim of this volume is to promote further research and development in the design of new personalized therapeutics and treatments using biological information for each patient via translation of recent genomic, genetic, proteomics and metabolomics advances into clinical context. Therefore, this volume will be particularly useful to investigators working in any of the above fields as well as of great help to students interested and/or working on projects in any of these subjects.

Cover image: Cystic fibrosis transmembrane conductance regulator (CFTR) mutations: mutation classes I, II, V and VI leads to under production of CFTR protein at the cell membrane, whereas mutation classes III and IV influence the function or activity of CFTR at the cell membrane. Class I mutations are associated with the greatest disruption to CFTR-mediated chloride transport (for further details, please read Priyadharshini and Teran published in this volume).



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