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## ABC Transporters in Human Diseases

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Deadline for manuscript  
submissions:

**closed (28 February 2021)**

### Message from the Guest Editor

Dear colleagues,

The aim of this Special Issue, “ABC Transporters in Human Diseases”, is to present, through original articles, reviews, and commentaries, the state-of-the-art of our current knowledge about the role of ABC transporters in human diseases and the proposed therapeutical options based on studies ranging from cell and animal models to patients. Topics may include, but are not limited to:

- Phylogeny of ABC transporters and conservation through species
- ABC transporters and multidrug resistance in cancer
- Defective ABC transporters and human diseases
- Regulation of the function of ABC transporters involved in multidrug resistance
- Targeted therapies to rescue the function of defective ABC transporters
- Cell and animal models for studying ABC transporters in health and disease
- Structural insights into the molecular mechanisms of ABC-related diseases and the interaction of drug candidates with ABC transporters
- Perspectives for diseases related with ABC transporter defects



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# Special Issue



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## Message from the Editor-in-Chief

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