

Special Issue

The Role of SLC and ABC Transporters in Anti-cancer Drug Delivery

Message from the Guest Editor

Solute carriers (SLCs) and ATP-binding cassette family (ABC) transporters play crucial roles in the absorption, disposition, and elimination of many anti-cancer drugs. Transporter-mediated drug resistance is one of the main reasons for the limited efficacy of cancer drug therapy. In addition, many SLC and ABC transporters have been acknowledged as important targets for anti-cancer drug development. In the past decades, our knowledge about the structure, expression, substrate specificity, and function of SLCs and ABCs in cancer has increased considerably. These improvements have opened new avenues in the field of drug transport across cancer cell membrane barriers. This Special Issue will provide readers with an overview of the current advances in the field of transporter-mediated drug delivery in cancer and a fundamental understanding of the role of SLCs and ABCs in drug delivery to tumors

Guest Editor

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