



Recent Advances in Amino Acid Transporters

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Message from the Guest Editor

Dear Colleagues,

Amino acid transport is a field which has witnessed enormous advances in numerous aspects. High-resolution structures of bacterial and mammalian transporters are appearing at an increasing rate, and the first heteromeric complexes are becoming resolved. Our understanding of the role of amino acid transporters in inherited and acquired diseases is expanding rapidly thanks to studies using a variety of experimental approaches and model systems. Amino acid transporters have been identified in many organelles, highlighting their role in signalling and metabolism. Amino acid transporters have also emerged as a group of drug targets in cancer metabolism and metabolic disorders. We hope that this Special Issue will reflect the diversity of this field and its recent developments.





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