Special Issue

Organic Cation Transporters (OCTs)

Message from the Guest Editor

OCTs are solute link-carriers, belonging to the SLC22A family of transporters; they are often found in epithelial membranes and they mediate the uptake and secretion of organic cations. Based on the driving force for substrate transport, they can be classified into the electrogenic transporters OCT1 (SLC22A1), OCT2 (SLC22A2), OCT3 (SLC22A3), and the pH-dependent novel transporters OCTN1 (SLC22A4) and OCTN2 (SLC22A5). While OCTNs are mainly known for their ability to mediate carnitine influx, OCTs can translocate small (

Guest Editor

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Editor-in-Chief

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