

Q&A

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Data Driven Molecular Design

Barbara Zdrazil (EMBL-EBI & University of Vienna)

Q1: What does the hydropathy index measure or indicate?

This basically was something we knew in the beginning about the transporters – the relative hydrophobicity and hydrophilicity of the amino acids. We therefore assumed it's most probably 12 transmembrane helices but much more, we didn't really know, it was all we knew in the beginning.

Q2: Can Cryo-EM produce a 3D structure of a transmembrane protein?

Of course, yes. It can and there have been many more structures being released over the past few years, but unfortunately not yet for any OATP member. But for some of the SLC transporters, there have been a few, yes, so much more easily than with all the more conventional methods.