



Donnerstag: 24.10.19 16:00 s.t.

Zentrum für Bioinformatik, Bundesstraße 43, Raum 16

When you can't get high: integrative structural modeling from low-resolution data

Recently, revolutions in electron microscopy (EM) brought structures of numerous complexes at near-atomic resolution. However, for many complexes the high resolution is still difficult to achieve. Integrative structural modeling allows determining the structure of such complexes by combining low-resolution data from complementary techniques, such as X-ray crystallography, EM, NMR, SAXS or cross-linking mass spectrometry. I will present our integrative modeling approach and how we used it to model some of the largest complexes in the cell.

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Everyone is welcome!