

FASSBERG

SEMINAR SERIES



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How to solve a 3D jigsaw with 1000 pieces

Nuclear pores mediate nucleocytoplasmic exchange. They form 120 MDa assemblies within the nuclear envelope that consist of ~ 1000 protein components. We have integrated experimental and modeling approaches to elucidate a close to complete model of the human nuclear pore scaffold. I will discuss how cells solve the challenge of assembling this very intricate architecture faithfully. I will furthermore discuss the importance of conformational dynamics of nuclear pores and how they are regulated by membrane tension.

Host: Patrick Cramer



Thursday / 16.12.2021 / 13:00

zoom access data will be mailed before the seminar!

