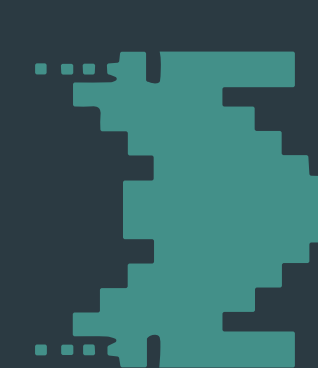
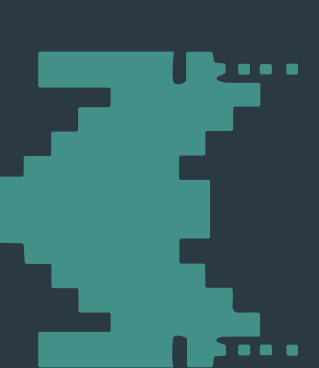




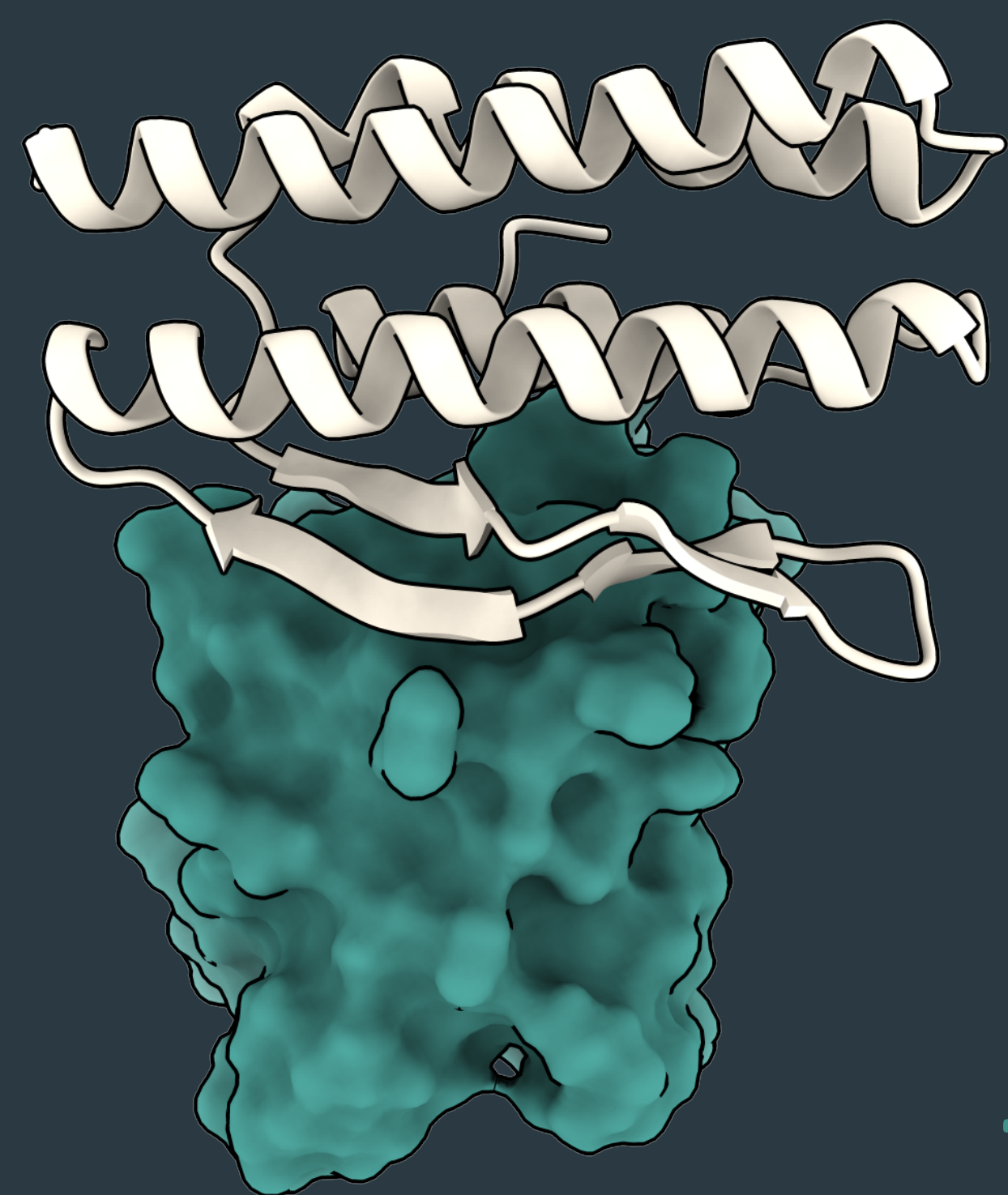
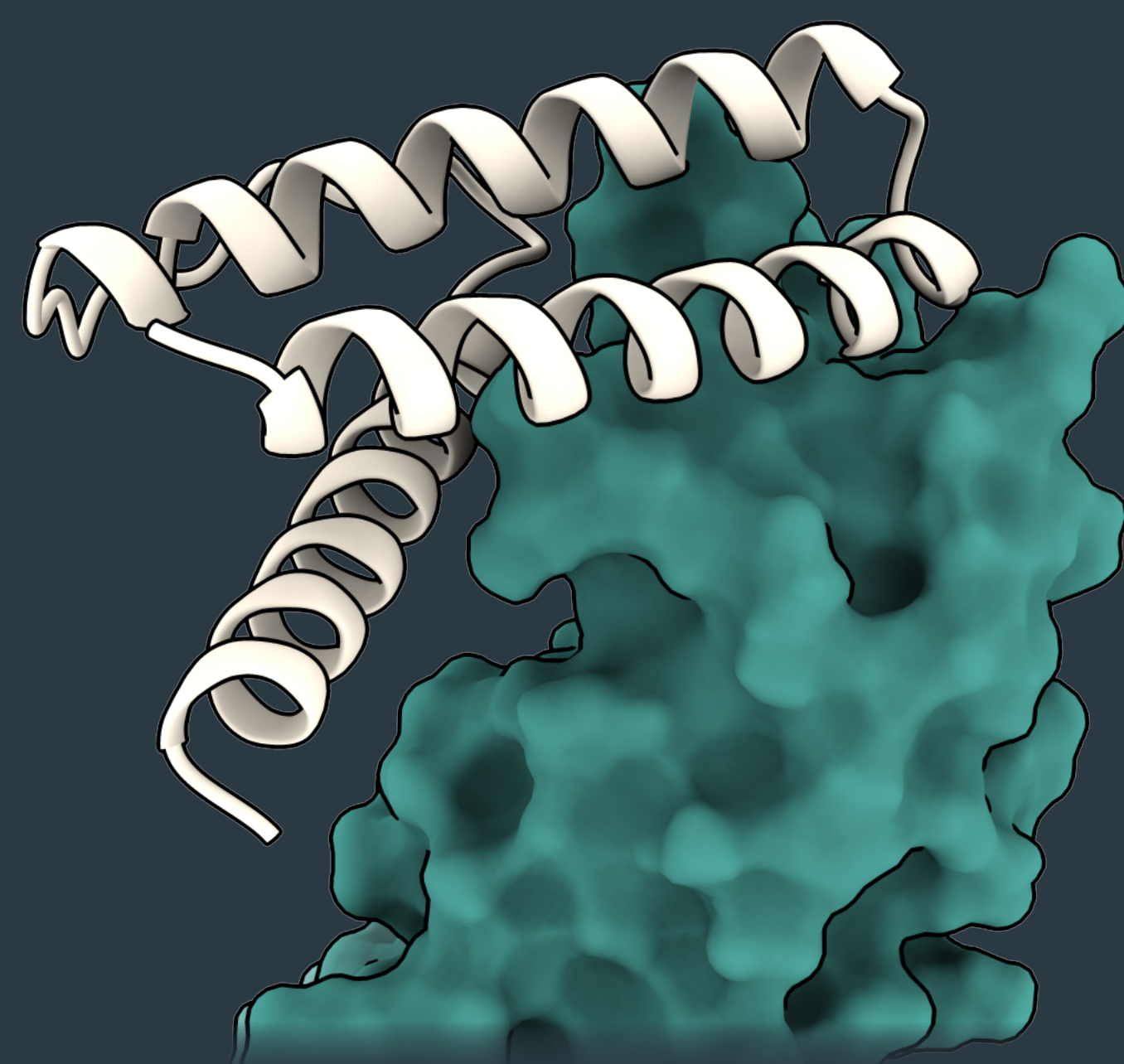
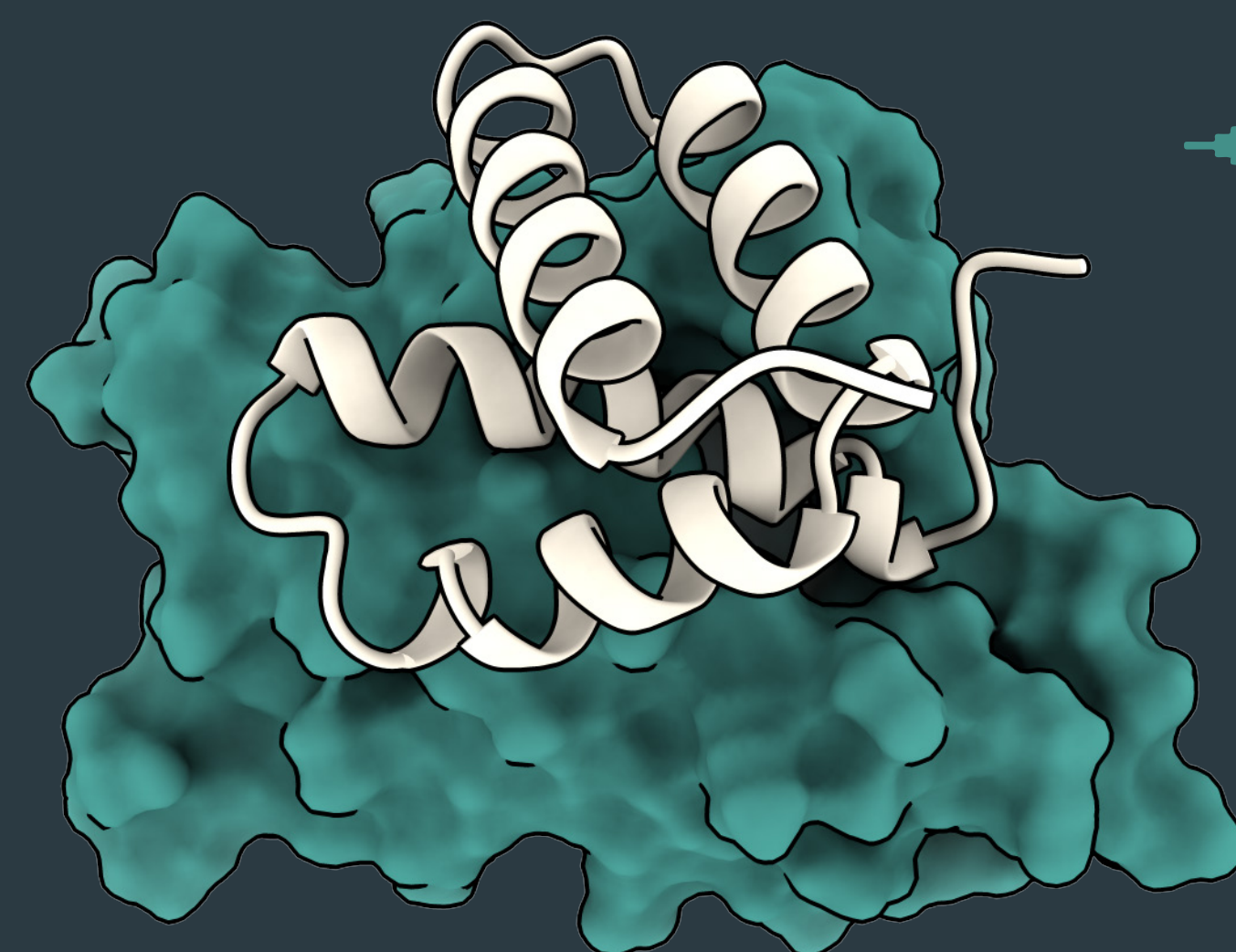
Press click to play

Players: Martin Pacesa*, Lennart Nickel*,
Sergey Ouchinnikov#, Bruno Correia#

Level select:

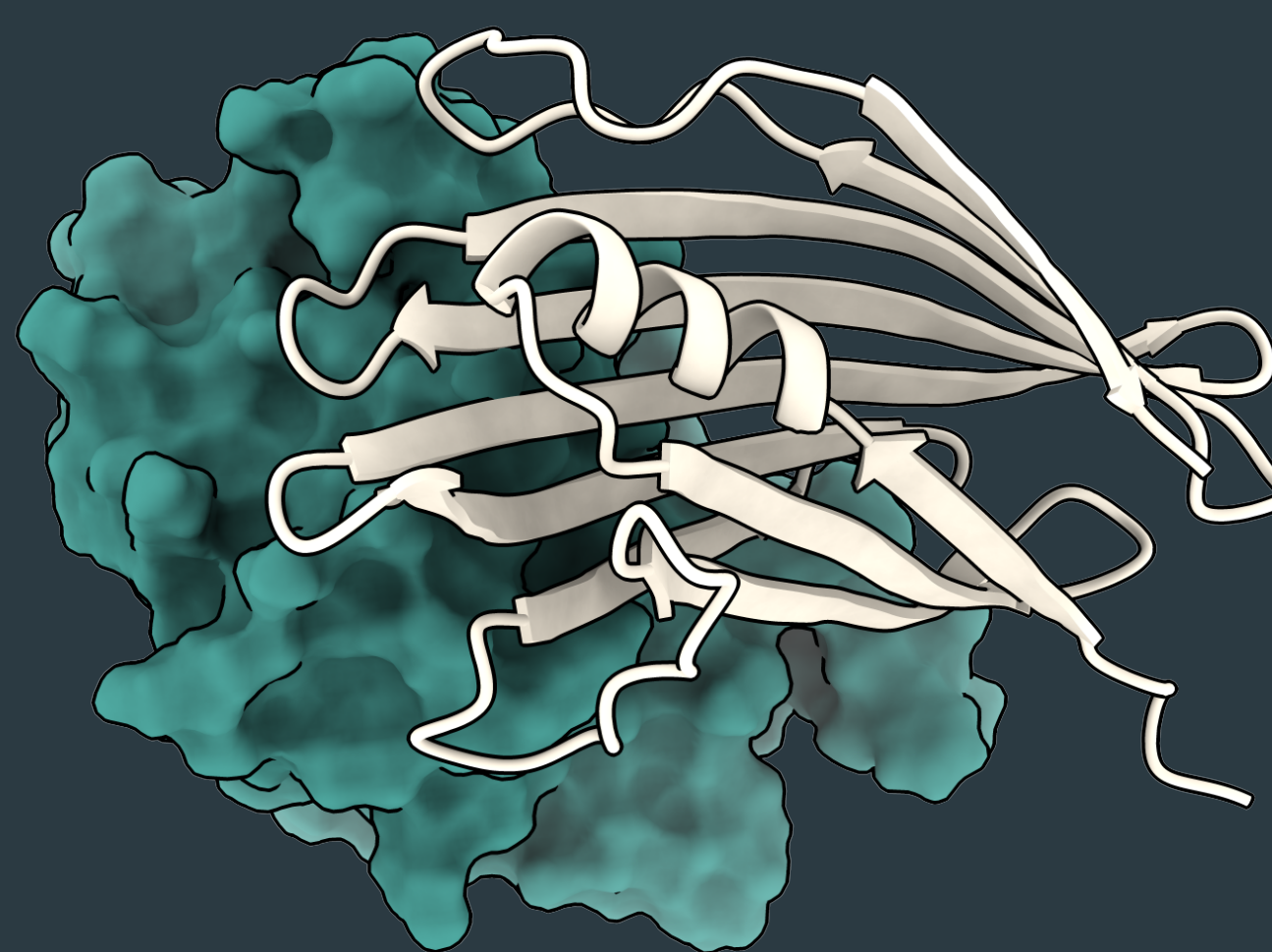
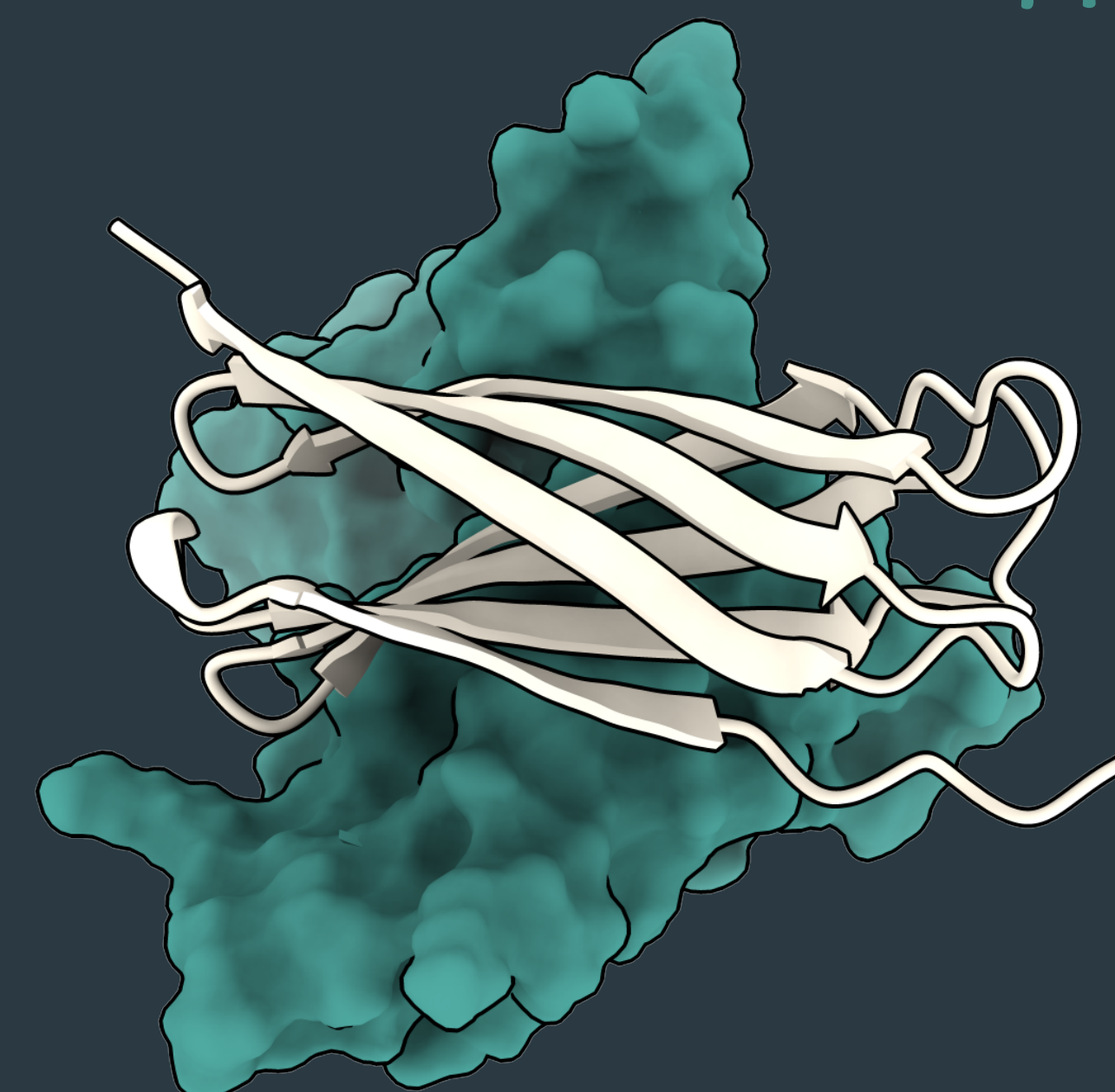
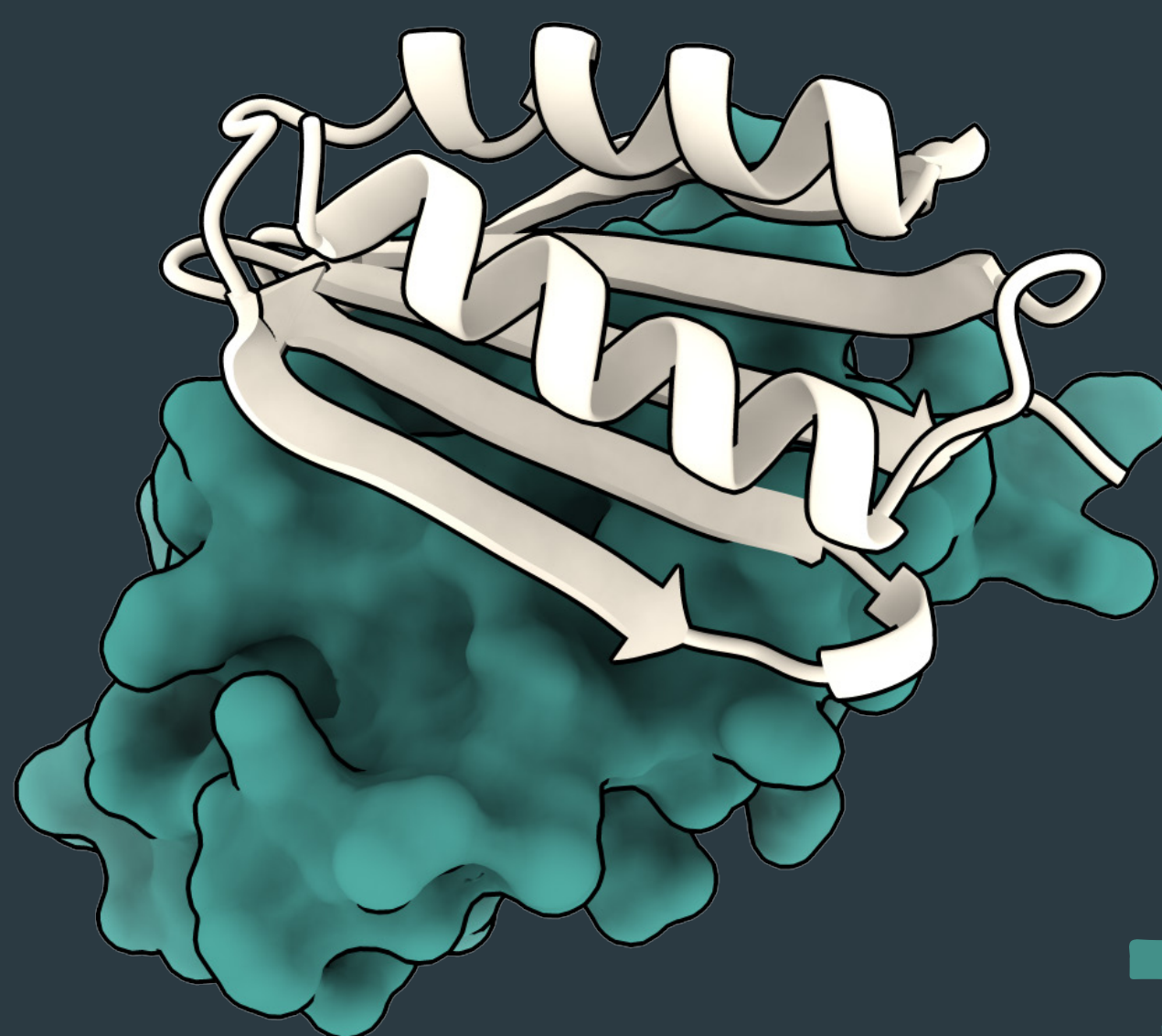
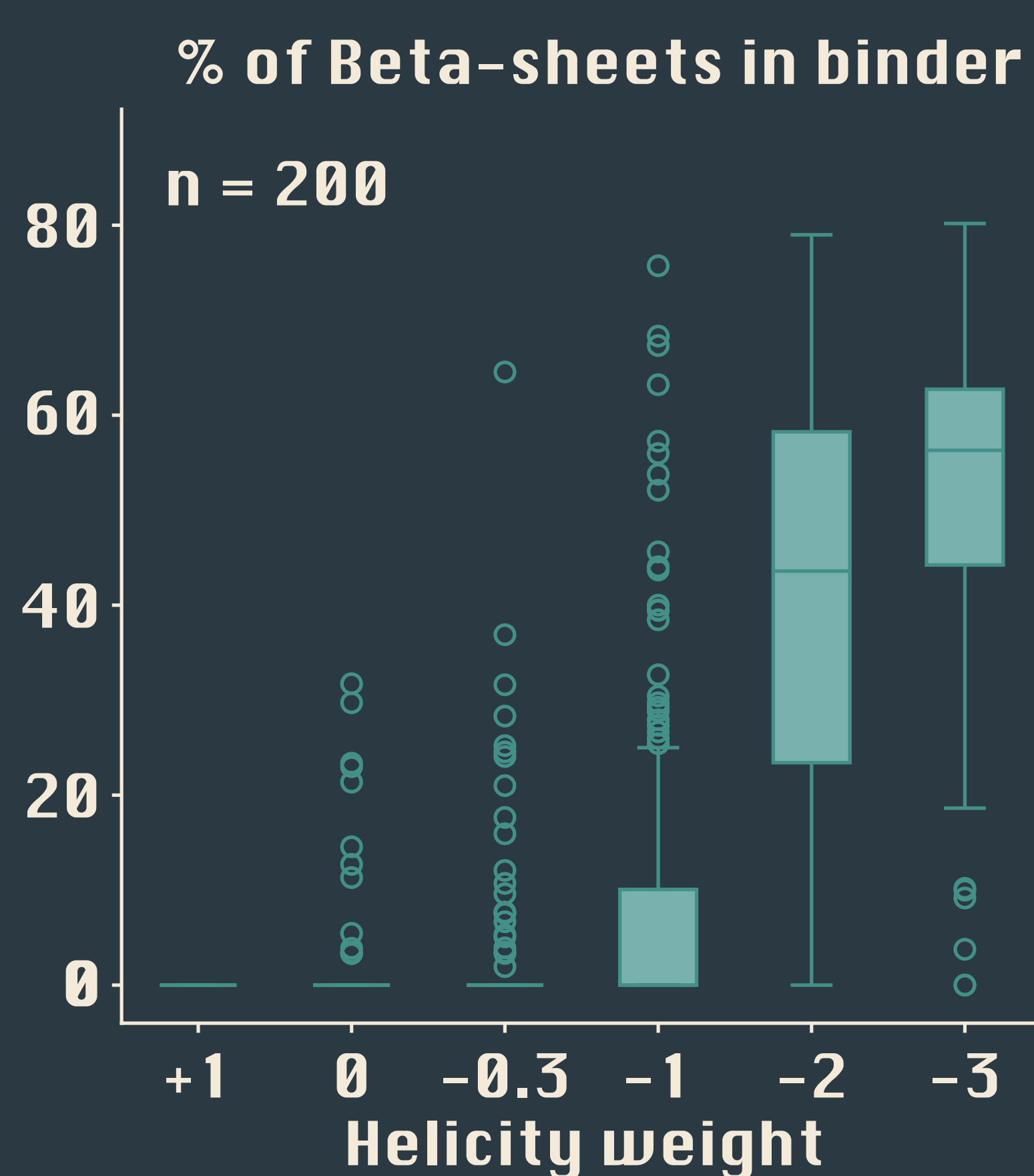
► De novo binders

BindCraft is an user friendly pipeline for de novo binder design without the need for high throughput screening.

 $K_D = 21 \text{ nM}$  $K_D = 13 \text{ nM}$  $K_D = 120 \text{ nM}$

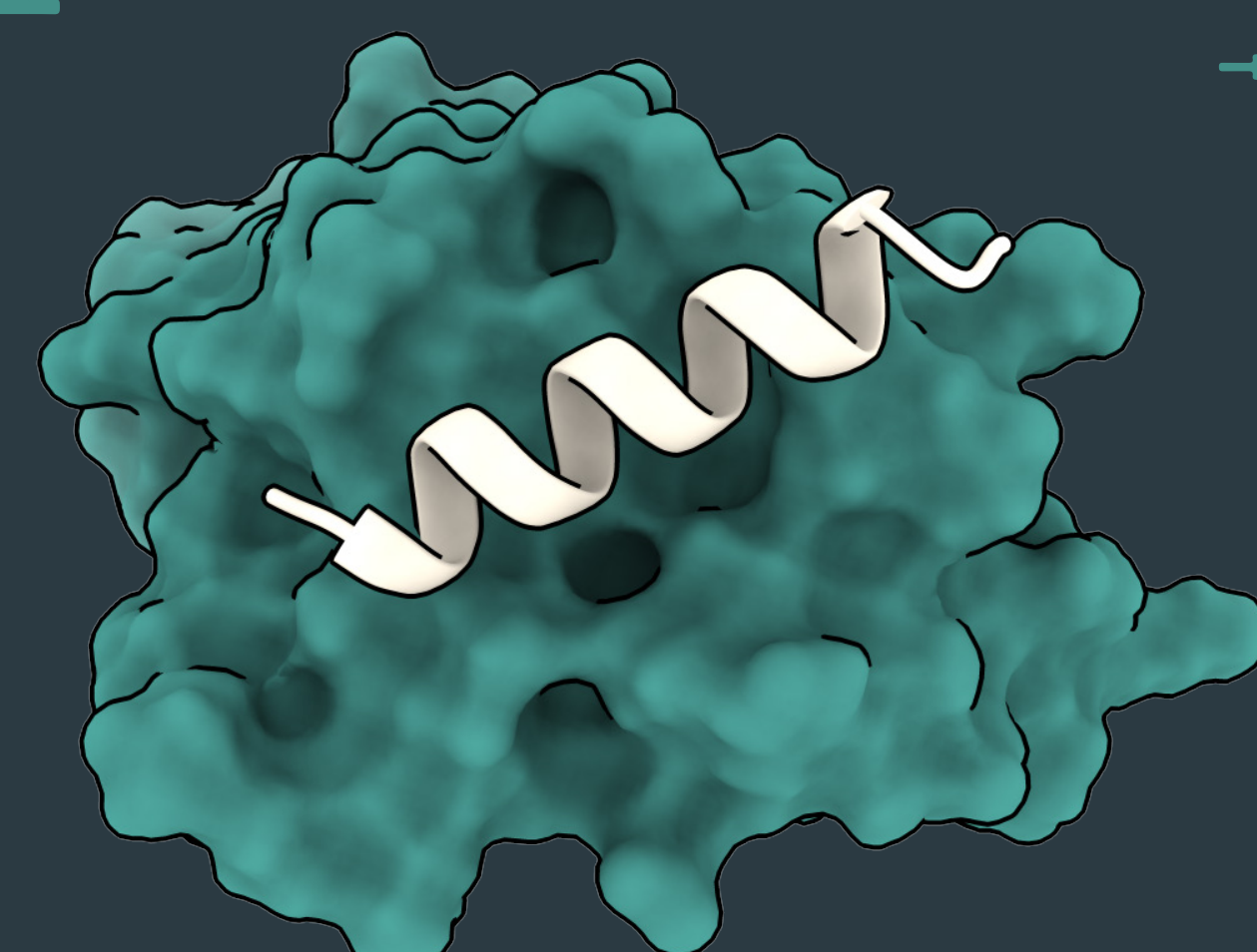
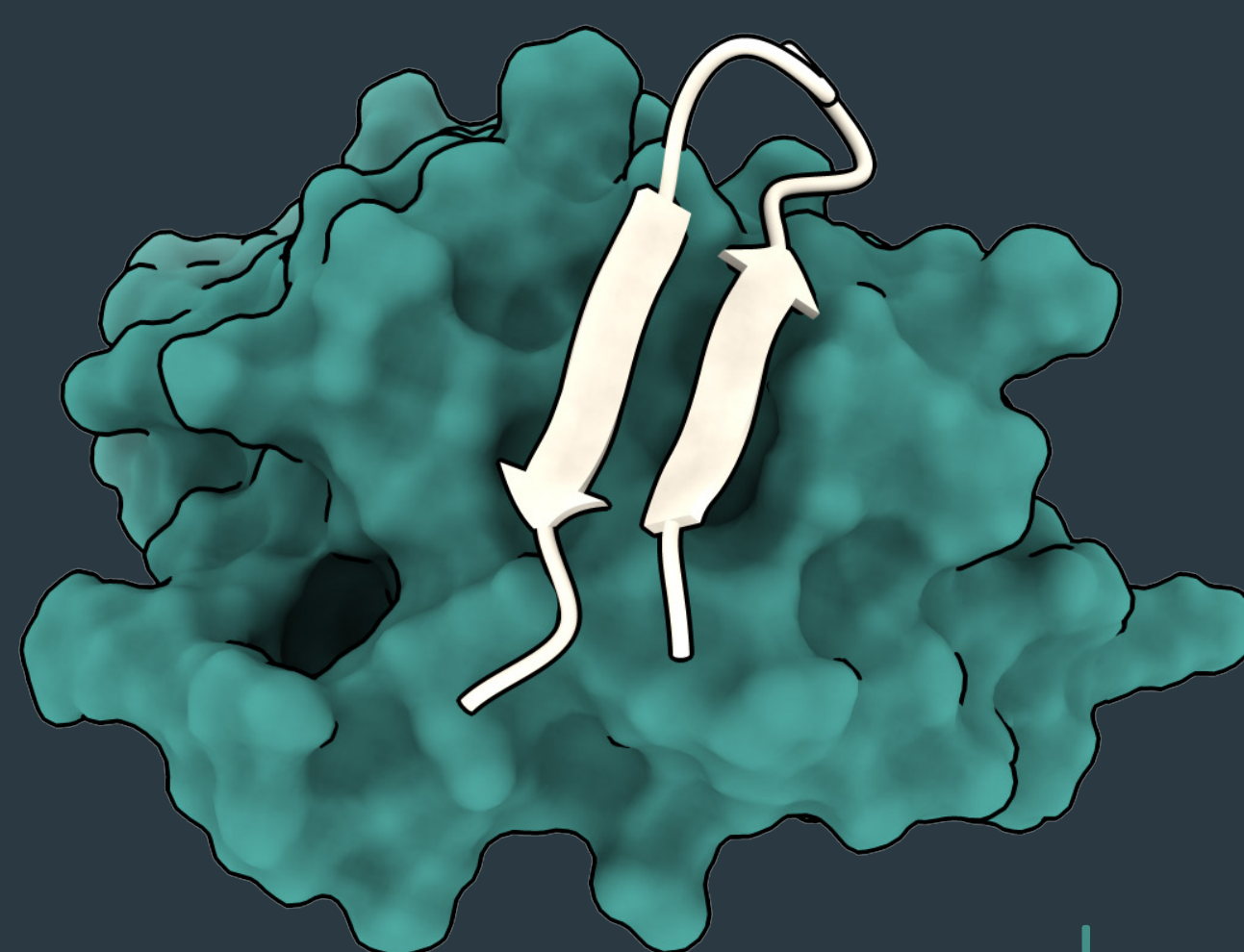
► Beta sheets

Helicity content can be adjusted using design settings to generate primarily beta-sheeted binders

 $K_D = 82 \text{ nM}$ 

► Peptides

BindCraft enables the design of 8-25 AA peptide binders



System requirements:
CUDA GPU with lots of memory

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Preprint