

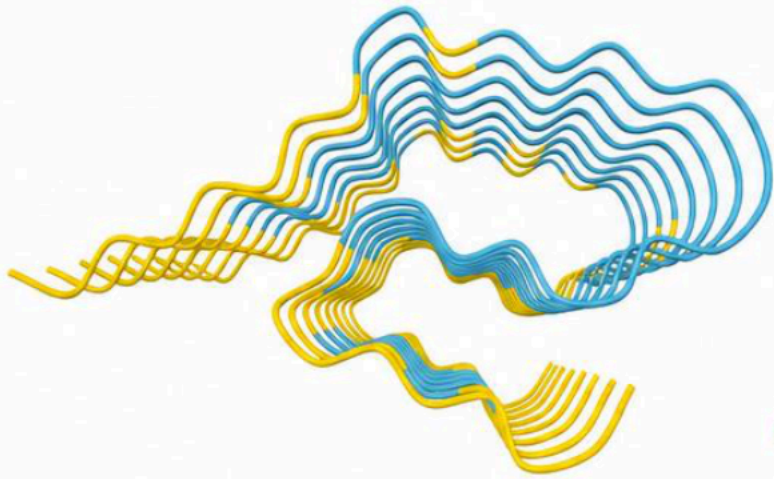
DIFFUSION MODEL BASED DE NOVO DESIGN OF AMYLOIDOGENIC AMINO ACID SEQUENCES



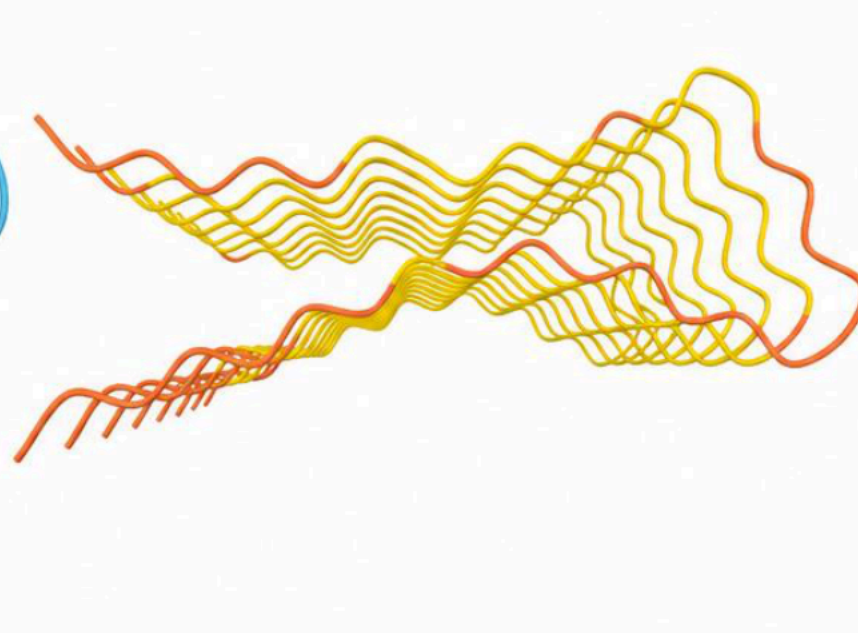
PMEL Amyloid • 9JST • Human melanoma • Functional amyloid

DIFFUSION MODEL BASED DE NOVO DESIGN OF AMYLOIDOGENIC AMINO ACID SEQUENCES

Generated sequences — 70% novel



Generated 1



Generated 2



Generated 3

Fixed-backbone design • Chroma diffusion model • Backbone: 9JST