

Controlling protein aggregation in health and disease

Stefan Rüdiger

Cellular Protein Chemistry
Utrecht University

Düsseldorf, 16 Mar 2018

Marie-Curie experience



Long Term Fellowship

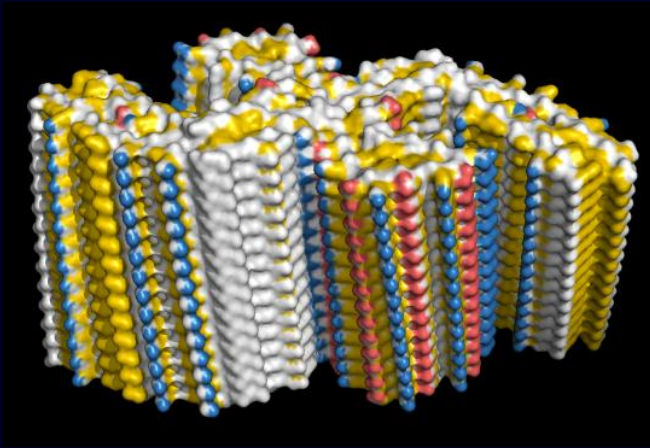
Marie Curie Excellence Team Leader

ITN-IDP “ManiFold” (co-ordinator)

ITN “WntsApp”

Vice Chair/reviewer for ITN panels

Tau aggregates in Alzheimer

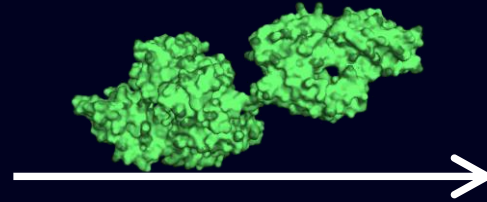
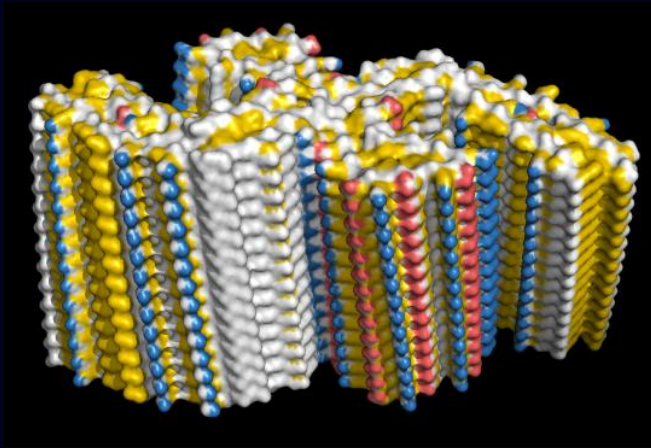


Tau

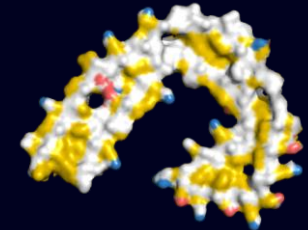
C-C/H



Chaperones dissolve Alzheimer fibrils



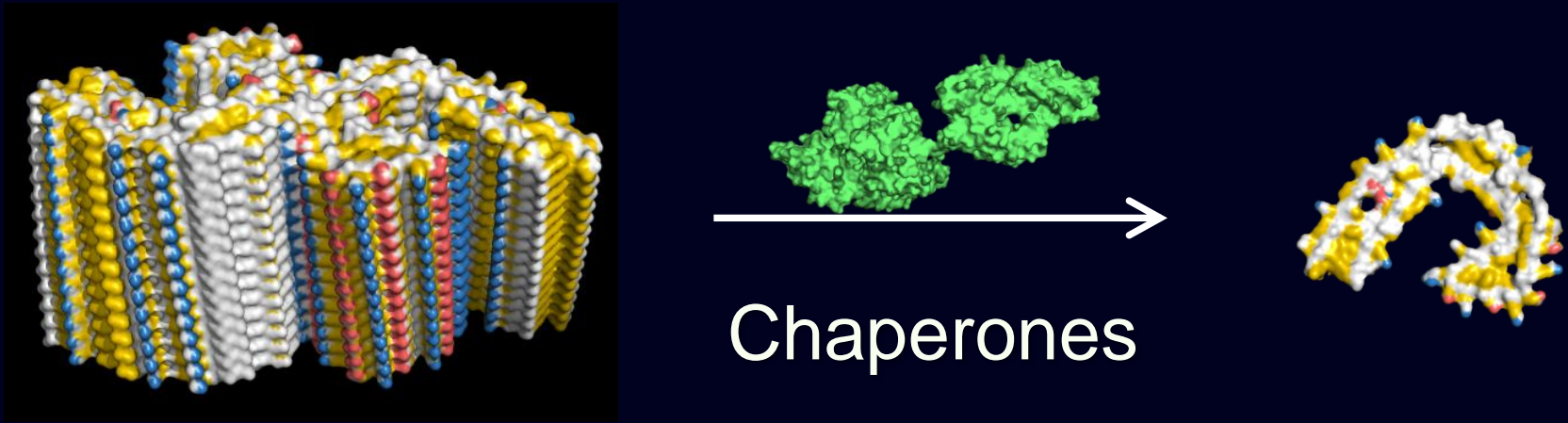
Chaperones



Tau

C-C/H +

Expertise in protein damage control

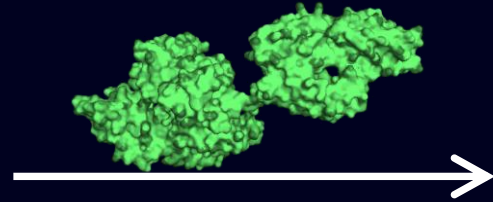
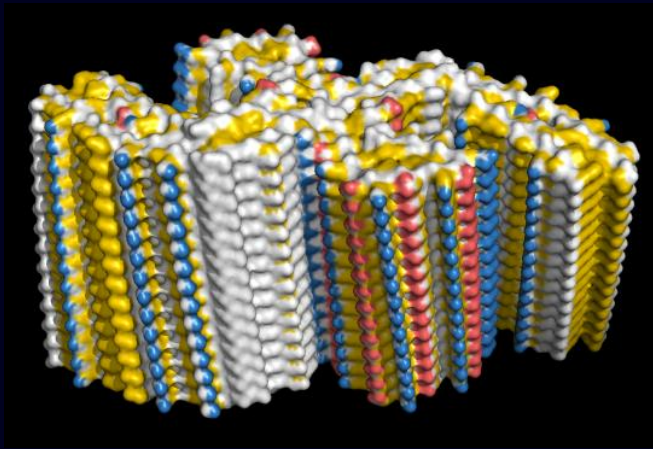


Monitoring Tau aggregation

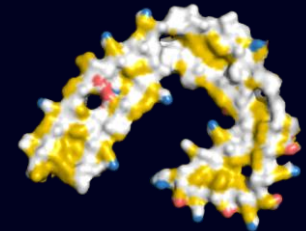
Chaperone assays

Protein chemistry

Seek partners for...



Chaperones



Detection protein-protein interactions?

Arrays for compound screening?

Biologics modulating chaperones and aggregation?