FLOW

HIRING NOW!

To unravel how faulty proteins can be steered towards fates that are optimal to cell health, we will uncover underlying molecular cellular processes using a-Synuclein and CFTR as model (client) proteins of the cellular quality control (QC)system.

Discover (WP1) will determine the fates of a-Synuclein and CFTR in cells, identify their interaction partners with spatio-temporal resolution and establish the effect of client and QC factor variation on the cell.

We will **Rebuild (WP2)** triaging for folding vs aggregation vs degradation in vitro, to understand decision making towards each fate. We will use WP1 & 2 results to develop a predictive model for triaging of protein-misfolding diseases.

Our overall goal is to obtain full **Control (WP3)** over the fate of all proteins and thereby overhealth of cells.

JOB OPENINGS

- PhD candidates
- Post-docs

› flow-steeringproteinfate.nl/vacancies

A consortium led by Ineke Braakman (Utrecht), including Stefan Rüdiger, Friedrich Förster, Arnold Boersma, Peter van der Sluijs (Utrecht), Mireille Claessens (Twente), Mark Hipp, Kasia Tych, Harm Kampinga (Groningen), Alfred Vertegaal, Monique Mulder, Anne Wentink (Leiden), Martijn Huynen and Evan Spruijt (Nijmegen). Awarded a 23-million Euro Gravitation grant for project **FLOW**.