



Hubrecht
Institute

Developmental Biology
and Stem Cell Research



RECRUITMENT OF
1 PhD student in the group on Catherine Rabouille,
Hubrecht Institute, Utrecht, NL
<https://www.hubrecht.eu/research-groups/rabouille-group/>
and the BSCS Department, UMC Groningen, NL
<http://bscs.umcg.nl/en/people/catherine-rabouille-2/>

as part of the Marie Curie ITN SAND
(Secretion, autophagy and Neurodegenerative disease)
(see poster for detail).

Applications are invited for a PhD position in the group of Catherine Rabouille (Senior group leader at the Hubrecht Institute, and affiliated Professor at the UMC Groningen) who specializes in the formation of phase separated membraneless organelles upon cellular stress.

We have previously discovered a novel reversible membraneless compartment, the Sec bodies, that form by coalescence of components of ER exit sites, when *Drosophila* cells are starved of amino-acids. We have characterized cis acting elements and signaling pathways required for their formation. The present project is to evaluate whether Sec bodies age (as stress granules do) and whether this aging contribute to neurodegeneration.

Note that the candidate should have the equivalent of a Master degree and have not resided in the NL for more than 12 months prior the date of employment (see poster for detail about eligibility)

Experience/strong interest in cell biology, tissue culture, imaging, biochemistry, protein purification, molecular biology, phase separation is welcome.

In addition, the candidate will be strongly motivated to work in a pluri-disciplinary environment and skilled to interact with other groups including the 14 that form the SAND network. In addition, Marie Curie ITN demands PhD candidates to have posting in several labs of the network, thus requires flexibility, mobility and adaptability.

Motivation letters and CV should be first sent to Catherine Rabouille
c.rabouille@hubrecht.eu

The position is available from 15 Oct 2019 for 4 years.

<https://www.ncbi.nlm.nih.gov/pubmed/25386913>

<https://www.ncbi.nlm.nih.gov/pubmed/26054799>

<https://www.ncbi.nlm.nih.gov/pubmed/27874829>

<https://www.ncbi.nlm.nih.gov/pubmed/31152627>

<https://www.ncbi.nlm.nih.gov/pubmed/31470564>