

Genevieve Thon
Lektor
Functional genomics
Postadresse:
Ole Maaløes Vej 5
2200
København N.
E-mail: gen@bio.ku.dk
Telefon: +4535330198
Hjemmeside: <http://www.bio.ku.dk>, <https://www1.bio.ku.dk/english/research/fg/>

Kort præsentation

My laboratory studies heterochromatin formation and genome dynamics in the fission yeast *Schizosaccharomyces pombe*. Specific aspects on which we have focused in recent years are sumoylation, chromatin boundary formation, and theoretical modeling of heterochromatin formation. Locally, we collaborate with Physicists at NBI (Kim Sneppen, Ala Trusina, Lene Oddershede) and with the group of Karen Skriver in the Department of Biology. Our current international collaborators include Thomas Schalch (University of Geneva), Ron Hay (University of Dundee), and Hisao Masai (Tokyo Metropolitan Institute of Medical Science).

Kvalifikationer

Postdoc, National Cancer Institute
1990 → 1994
PhD student, Fred Hutchinson Cancer Research Center
1986 → 1990
Master Student, Institut Pasteur
1985 → 1986
Undergraduate, École Normale Supérieure
1982 → 1986
PhD Life and Health Sciences, Sorbonne Université
1990 → ...

Publikationer

Fission yeast Swi2 designates cell-type specific donor and stimulates Rad51-driven strand exchange for mating-type switching

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Mating-type determination in *Schizosaccharomyces pombe*

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Selecting *Schizosaccharomyces pombe* diploids

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Setting up *Schizosaccharomyces pombe* crosses/matings

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