
Re: Toestemmingsverzoek tot openbare publikatie van scriptie in scriptierepository FWN

1 message

Klei, van der, I.J. <i.j.van.der.klei@rug.nl>
To: FA Scriptie repository FWN <scriptierepositoryfwn@rug.nl>

Wed, Feb 3, 2016 at 3:59 PM

Hallo,
Ik geef hiervoor geen toestemming.
groet,
Ida

Prof. Dr. Ida J. van der Klei
Molecular Cell Biology
University of Groningen
Postal address: P.O. Box 11103, 9700CC, Groningen, The Netherlands
Visiting address: Nijenborgh 7, 9747AG, Groningen, The Netherlands
Phone +(31)50 363 2179
www.rug.nl/gbb/molecularcellbiology
www.itn-perfume.eu

On Wed, Feb 3, 2016 at 3:40 PM, Scripties Faculteit Wiskunde en Natuurwetenschappen
<scriptierepositoryfwn@rug.nl> wrote:

Geachte heer, mevrouw,

Op 3 februari 2016 heeft Jainapurkar B. V. de scriptie Peroxisome heterogeneity in *S. cerevisiae* geüpload in de scriptierepository FWN. Hij/zij heeft daarbij aangegeven de scriptie openbaar te willen publiceren (beschikbaar via internet).

Geeft u hiervoor toestemming: Ja/Nee

Let op: Voor de afstudeerrichting Levenswetenschappen/Life Sciences geldt dat de upload ook een Research Report en/of een Essay kan zijn. Houdt u hier rekening mee bij de evt. accordering?

Datum:

S.v.p. replyen of beantwoorden aan scriptierepositoryfwn@rug.nl

Deze e-mail zal in PDF bij de betreffende scriptie worden geplaatst (niet leesbaar/vindbaar).

De scriptie is hier in te zien:
http://scripties.fwn.eldoc.ub.rug.nl/UDA/upload/160203_4767_1689226725/Peroxisome_heterogeneity_in_Sa_1.pdf

UDA: Theses Faculty of Mathematics and Natural Sciences
Your document is uploaded:

Teacher name: Ida van der Klei

Teacher email address: i.j.van.der.klei@rug.nl

Publish: waiting for reply

File name: Peroxisome_heterogeneity_in_Sa_1.pdf

Course: BIOL/LST

Bachelor/Master: Master

Title: Peroxisome heterogeneity in *S. cerevisiae*

Author(s): Jalnapurkar B. V.

Number of pages: 23

Language: en

Year issued: 2016

Place of publication: Groningen

Publisher: University of Groningen. Faculty of Mathematics & Natural Sciences

Rights: University of Groningen. Faculty of Mathematics & Natural Sciences

Abstract: Peroxisomes contribute as a dynamic compartment in all nucleated cells. They fulfill different metabolic requirements of the cells in response to different environmental changes. Peroxisomes can adapt to changes with the modulation of the enzymes in these organelles. This can be achieved with dynamically working protein transport machinery. During peroxisome division, it gets divided into mother and daughter peroxisomes. Mother peroxisome is old in age compare to daughter peroxisomes. Hence protein content of the young and old peroxisomes is likely to be heterogeneous with respect to each other in single *S.cerevisiae* cell. In this study peroxisome heterogeneity is studied by analysis of protein sorting to the young and old peroxisomes. Peroxisomal proteins Pex3.GFP, Pex13.GFP, Pex25.GFP, Pex10.GFP, showed equal distribution in young and old peroxisomes whereas Pex14.GFP showed the distribution in young peroxisome. Data generated for the Pex11.GFP was insufficient ! to predict its behaviour. It can be concluded that peroxisome population in single *S.cerevisiae* cell is heterogeneous.