

and



hereby invite you to attend the seminar

The evolutionary significance of ancient genome duplications

Professor Yves Van de Peer

VIB Department of Plant Systems Biology, University of Gent

Friday November 4

Auditorium A2-84.11 (3-21), Thorvaldsensvej 40, Frederiksberg

11:00-11:15 Coffee and welcome

11:15-12:00 Seminar

Many organisms are currently polyploid, or have a polyploid ancestry and now have secondarily 'diploidized' genomes. This finding is surprising because retained whole-genome duplications (WGDs) are exceedingly rare, suggesting that polyploidy is usually an evolutionary dead end. I argue that ancient genome doublings could probably have survived only under very specific conditions, but that, whenever established, they might have had a pronounced impact on species diversification, and led to an increase in biological complexity and the origin of evolutionary novelties."

Registration is not necessary. After the talk there will be time for discussion and networking.