



GUEST LECTURES

RTG 2413

DI Dr. Markus Schosserer

Department of Biotechnology, University of Natural
Resources and Life Sciences, Vienna

>> Ribosome heterogeneity by rRNA methylation
modulates aging of cells and organisms <<

Hosted by: Natalia Waal

02.11.2021

12:00 – 13:30

Zoom Lecture

<https://ovgu.zoom.us/j/69186063270>

Meeting-ID: 691 8606 3270

Kenncode: synage

Organizer contact info:

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Abstract & Schedule

Markus Schosserer studied Biotechnology at the University of Natural Resources and Life Sciences, Vienna and is currently working at the Institute of Molecular Biotechnology as a group leader. His research focuses on the understanding and the impact of the molecular and physiological changes that occur during cellular aging. Specifically, he investigates the changes in ribosomal RNAs and ribosomal proteins during biological aging.

In his presentation, Markus Schosserer will discuss differences in the function and rRNA modification patterns occurring in skin cell senescence. He will also present data on two m5C modifications on rRNA, which have a profound impact on aging and reproduction.

12:00 – 12:15 Natalia Waal

Real-time assembly of ribonucleoprotein complexes on nascent RNA transcripts – a review

12:20 – 13:10 DI Dr. Markus Schosserer

Ribosome heterogeneity by rRNA methylation modulates aging of cells and organisms

13:10 – 13:30 Discussion

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