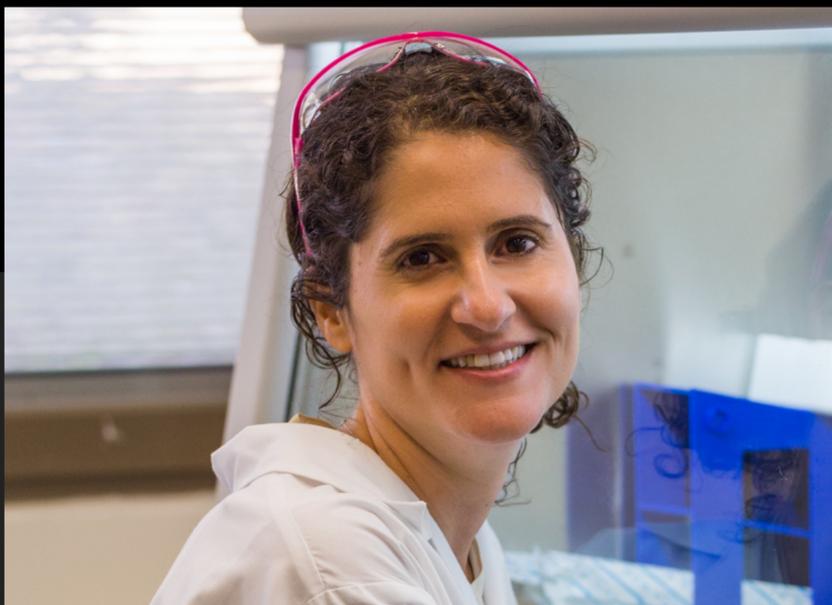


UNRAVELING THE ROLE OF PROMOTERS AND ENHANCERS ON ALTERNATIVE SPLICING

About the seminar

Traditionally perceived as regulators of gene expression, promoters and enhancers are now recognized to possess a more intricate role. This talk focuses on their emerging significance in alternative splicing, a key regulatory step in gene expression. Through our research, we challenge the conventional understanding and explore the transformative impact of promoters and enhancers on alternative splicing outcomes. By investigating chromatin structure and manipulating it at these regulatory elements, we uncover their dynamic influence on RNA polymerase elongation rates, resulting in consequential alterations in alternative splicing patterns.



Maayan Salton
Assistant Professor,
The Hebrew University



18 September 2023 (Monday)
3 pm (SGT, GMT+8)



[Via Zoom](#)



About the speaker

Maayan Salton, Assistant Professor, Faculty of Medicine at The Hebrew University, has a long-standing interest in RNA biology. She studied DNA damage and RNA processing during her Ph.D., and splicing modulation in cancer therapy during her post-doctoral training. Her knowledge in these fields enables her to address important questions, which are particularly relevant for both physiological and pathological contexts. Maayan's expertise in cellular, molecular and genome biology methods as well as high-throughput techniques equip her with cutting-edge tools to tackle the problem of splicing in disease. Taken together, she has a unique set of skills that position her ideally to uncover the emerging role of splicing modulation in health and disease, at the crossroads between fields with great relevance for both basic and translational science.