



Eldan is happy to invite you to a special seminar:

# Avidity next generation sequencing using the AVITI benchtop sequencer

## Short, long and spatial sequencing in a single instrument

The AVITI sequencer from Element Biosciences is a new benchtop sequencer that employs a new type of DNA sequencing chemistry called Avidity DNA sequencing. It currently supports both short and synthetic long-read sequencing applications and will shortly also support spatial biology applications. In this talk, we will dive into how Avidity DNA sequencing chemistry works and the interesting applications it enables.

Short Bio for speaker: Tuval Ben-Yehezkel, PhD

Dr. Tuval Ben Yehezkel is an Israeli scientist/entrepreneur. He completed his PhD studies at the Weizmann Institute of Science in synthetic biology under the guidance of Prof. Ehud Shapiro. In 2014 He co-founded SynVaccine in Tel Aviv, a synthetic biology vaccine development company and in 2016 he founded Loop Genomics, a long-read sequencing company in the San Francisco Bay area. He was the CEO of Loop Genomics for six years until 2022 when Loop Genomics was acquired by Element Biosciences from San Diego. Tuval is currently Senior Director of Applications at Element Biosciences.

**July 9th, Sunday 10:00**  
**Ben Gurion University**

Auditorium | Building 52

**July 12th, Wednesday 10:00**  
**Tel Aviv University**

Room 201 | Sackler Faculty of Medicine

**July 12th, Wednesday 13:00**  
**Bar Ilan University**

206 Building, 5<sup>th</sup> floor, Room 563

Light refreshments will be served during the Seminar

The number of Seats is limited! Participation is free of charge but requires prior registration

For more details, please contact Dana Kolton 054-4809321 danak@eldan.biz

[Register here](#)

