

Minisymposium on Bioengineering Science and Technology
A mechanobiological view of cells, tissues and beyond
January 16, 2018 - Weizmann Institute of Science, Schmidt Auditorium

11:00-11:15 Welcome and introduction (Chair - B. Geiger, WIS)

11:15-12:00 Amit Gefen (TAU)

How mechanobiology informs pressure ulcer prevention strategies

12:00-12:45 Orit Shefi (BIU)

2D and 3D platforms for neuroengineering

12:45-13:30 Light lunch

13:30-14:15 Daphne Weihs (Technion)

Forceful synergism of invasive cancer

14:15-15:00 Amnon Buxboim (HUJI)

Active nuclear mechanosensitivity

15:00-15:45 Sam Safran (WIS)

Cardiomyocyte beating: structural control and mechanical response

15:45 B. Geiger, WIS

Summary and perspectives

Please confirm attendance by email: terry.debesh@weizmann.ac.il

Organizers: Amit Gefen (TAU), Daphne Weihs (Technion), Sam Safran (WIS)