



## CTB-MINA Seminars on Biomaterials and Neurotechnology –Fall 2024

@Auditorium Hall, Centre for Biomedical Technology

### MONDAY 18<sup>TH</sup> NOVEMBER 2024

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|----------------------|--|
| 10:30 Jaime Espinosa | Functionalization of silk-fibroin fibers using click-chemistry and targeted drilling (GBIR-UPM; TFG, BSc. Materials Engineering. UPM). |
| 11:00                | Coffee break: networking.  |

### MONDAY 25<sup>TH</sup> NOVEMBER 2024

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|--------------------------|--|
| 10:30 Almudena Burghardt | Exploring the Effect of Strain Gradient in Mechanobiological Studies (GBIR-UPM; TFG, BSc. Materials Engineering. UPM). |
| 11:00                    | Coffee break: networking.  |

### MONDAY 2<sup>ND</sup> DECEMBER 2024

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|-------------------|--|
| 10:00 Iñaki Fraga | Biophysical Characterization of Electrical and Mechanical Parameters in the Same Cell Using Microfluidics (GBIR-UPM; TFG, BSc. Biomedical Engineering UPM. SameMultiphys Project). |
| 11:00             | Coffee break: networking.  |

### MONDAY 9<sup>TH</sup> DECEMBER 2024

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| 10:30 Javier Oropesa | Spider silk standardization based on the Alpha * parameter (GBIR-UPM; TFG, BSc. Materials Engineering. UPM) |
| 11:00                | Coffee break: networking.   |