

Podium Presentations- Session 1

Session 1- Cell Tissue Biomechanics

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| 1 | Li, Tong | Fast and reliable marker-free capture of CTCs by 3D carbon nanotube sponge |
| 2 | Parajuli, Ashutosh | Cellular Mechanisms for the Osteoporotic Phenotype Associated with Perlecan-Deficiency |
| 3 | Farnham, Margot | Modeling Pressure-Driven Fluid Flux and Tribological Rehydration in Articular Cartilage |
| 4 | Naghizadehsafa, Babak | Modeling tendon viscoelasticity, plastic deformation, and damage using reactive inelasticity |
| 5 | Zhou, Yilu | Chondro-Protective Function of Bisphosphonate and The Inhibition of Mevalonate Pathway |