



# ANBUG-AINSE Neutron Scattering Symposium, AANSS 2020

## Thursday 12 November 2020

### Biomedicine & Food Science: Session 2 (09:00-10:30)

**-Conveners: Andrew Clulow**

| time  | [id] title  | presenter                       |
|-------|---|---------------------------------|
| 09:00 | [126] Structural Insights into the Mechanism of Heat-Set Gel Formation of Polyisocyanopeptide Polymers  | Dr YAKUBOV, Gleb E              |
| 09:30 | [88] Hyaluronic acid-poloxamer thermosensitive hydrogels studied by Small-Angle Neutron Scattering (SANS) and rheology: from nanostructure to biomedical applications | Mr FERREIRA SEPULVEDA, Anderson |
| 09:42 | [48] First extensive study of lanthanum manganite nanoparticles to target deadly brain cancer   | Mr KHOCHAICHE, Abass            |
| 09:54 | [89] Mixed gamma/neutron field in-vivo dosimetry using Metal-Oxide Semiconductor Field-Effect Transistor for Accelerator-Based Boron Neutron Capture Therapy          | Mr JAKUBOWSKI, Klaudiusz        |
| 10:06 | [20] Neutron scattering for the study of casein gel microstructure during digestion   | BAYRAK, Meltem                  |
| 10:18 | [6] Oil-in-water emulsion system stabilized by emulsion droplets coated with whey protein microgels   | CHENG, Lirong                   |