## 24th Australian Institute of Physics Congress



Contribution ID: 30

Type: Talk (preferred)

## Engineering of Plasmoinc Nanomaterials for Surface-enhanced Raman Scattering-based in vitro Cancer Diagnosis

Friday 16 December 2022 09:00 (15 minutes)

As plasmonic nanomaterials play critical roles in facilitating surface-enhanced Raman scattering (SERS) applications in cancer diagnosis, We thus have developed a few strategies to engineer functional plasmonic nanomaterials for SERS-based in vitro cancer diagnostic applications.

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Session Classification: Joint session: AIP-BMP / COMMAD

**Track Classification:** COMMAD: Biomedical integrated circuits and implantable devices