

Research Assistant Vacancies & Opportunities

Research Project 2:-

Project Title	:	Synthesis, Characterization and Formation Mechanism of Biocompatible Sulfur/Silver Sulfide (S@Ag ₂ S) Core-Shell Nanoparticles with Potential to Function as Cost-effective Photothermal Therapy Agent for Melanoma Cancers
Cluster	:	Pure and Applied Science
Source of Funding	:	FRGS (MoE)
No. of Research Assistant required	:	One
Appointment Duration	:	01.09.17 – 31.08.19 (2 years)
Location	:	Tunku Abdul Rahman University College (KL Main Campus)
Wages	:	RM1,800 per month
Education Level required	:	Bachelor of Science with Honours in Chemistry or Bachelor of Science with Honours in Bioscience with Chemistry or equivalent
Specific Skills / Knowledge required	:	Chemical Synthesis & Material Science Knowledge. Nanoparticle Characterization Knowledge is a plus. Experience /Knowledge related to cell culture is a plus.
Job Description	:	<ol style="list-style-type: none">1. To synthesize, characterize S@Ag₂S Nanoparticle.2. To establish Formation Mechanism of S@Ag₂S.3. To study photothermal effect of S@Ag₂S.4. Perform cytotoxicity studies5. Perform in Vitro Photothermal Therapy of S@Ag₂S in cancer cells

Interested candidates who fulfill the necessary academic requirements are invited to send in detailed resume with a cover letter to the following email address: cpsr@tarc.edu.my