**MBRU-PhD-BMS: Potential Thesis Supervisors – Fall 2024 Intake**

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| **No.** | **Prospective Supervisors** | **Potential Research Topics** |
| 1 | Abiola Senok, MBBS, PhD | Molecular epidemiology of antimicrobial resistance: A One Health Perspective |
| 2 | Ahmad Abou Tayoun, PhD | Characterizing the genomic landscape of rare disorders in the Middle East |
| 3 | Fahad Ali, PhD | Transcriptional Deregulation in Cancer: Unraveling Mechanisms and Heterogeneity in Treatment Response. |
| 4 | Keyvan Moharamzadeh, DDS, PhD | Tissue Engineering of Human Oral Mucosa |
| 5 | Mahmood Al Mashhadani, MBChB, PhD | The Multifaceted Role of Regulatory T Cells in Breast Cancer |
| 6 | Nandu Goswami, MBBS, PhD | Biomarkers and technological assessments in cardio-metabolic syndrome |
| 7 | Rajan Radhakrishnan, BPharm., PhD | Pain neurobiology: Identification of molecular targets to treat pain using animal models. |
| 8 | Rania Nassar, PhD | Decoding biofilms: Unveiling novel targets for enhanced antibiofilm strategies. |
| 9 | Reem Jan, BPharm., PhD | Pathophysiology and pharmacogenomics of non-communicable diseases (including inflammatory and neuropsychiatric diseases): identification of mechanisms of treatment resistance and potential therapeutic targets. |
| 10 | Saba Al Heialy, PhD | Unravelling the association between obesity, inflammation and respiratory diseases: mechanisms and clinical implications |
| 11 | Stefan Du Plessis, PhD, MBA | Investigating the relationship between non-communicable diseases and male infertility. |
| 12 | William Atiomo, MBBS, DM | Investigating the association between Polycystic Ovary Syndrome and Endometrial cancer |
| 13 | Yaj Banerjee, PhD | Molecular Insights into Osteoarthritis and Obesity |