**قائمة للمشاريع البحثية**

 **المجموعات البحثية**

**كلية العلوم**

**قسم الاحياء**

**الدورة الاولي**

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| **الرقم المرجعي****Reference** | **العنوان****Project title** | **الباحث الرئيس****PI** | **القسم****Department** |  |
| RG-191311 | دراسة التركيبة الكيميائية والخصائص البيولوجية لمستخلصات نبات:*Teucrium polium* L. and *Allium* *subhirsitum* L. ومدى فاعليتها ضد الامراض الميكروبية و السرطانية | د. موسي بن محمد القلادي | الحياء | 1 |
| RG-191347 | Molecular dysregulation of Toll Like Receptor pathway by miRNA via p53 interaction | Dr. Mohamed Jahoor Alam | الحياء | 2 |
| RG-191194 | In vitro cytotoxicity, anti-proliferative and anti-metastatic potential of *Selaginella repanda* on breast, lung and colorectal cancer cells | Dr. Mohd Adnan | الحياء | 3 |
| RG-191346 | توظيف الاكثار الدقيق المختبري لتحسين تحمل الملح لدي الباذنجانيات  | د. سامي بشير الحناشي  | الحياء | 4 |
| RG-191352 | تحديد الجينوم للبكتيريا الممرضة لسوسة النخيل الحمراء *Rhynchophorus ferrugineus* في منطقة حائل شمال المملكة العربية السعودية | Dr. Naimah Asid Alanzi | الحياء | 5 |

**الدورة الثانية**

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| **الرقم المرجعي****Reference** | **العنوان****Project title** | **الباحث الرئيس****PI** | **القسم****Department** |  |
| RG-20141 | Biological properties, pharmacokinetics and toxicity prediction of bioactive molecules from Ducrosia anethifolia Boiss. and Thymus musilii Velen: Computational study against SARS-CoV-2 targetable proteins | Dr. Mousa Alrashidi | الحياء | 1 |
| RG-20 137 | Antidiabetic properties of a naphthoquinone pigment (shikonin) and its possibility of being a novel medicine: A computational approach, funded by Deanship of research University of Hail, hail, KSA | Dr. Seed Mohamed | الحياء | 2 |
| RG-20094 | Potential of biosurfactants derived from probiotic bacteria against hospital acquired pathogens causing biofilm associated infections. | Dr. Mohd Adnan | الحياء | 3 |
| RG-20 070 | Immune response associated breast cancer skeletal metastases: Experimental study of inflammation and beneficial effects of an adjuvant and hairy garlic | Dr. Riadh Badraoui | الحياء | 4 |
| RG-20 128 | Exploration of drug chemoprophylaxis effects on mice and discovery of novel drugs against parasitic diseases leading to cancer | Dr Arif Jamel Siddiqui | الحياء | 5 |
| RG- 20077 | Immune–serological evaluation of S1-RBD neutralizing antibodies in general population and patients with chronic diseases in Hail | Dr. Subuhi Sherwani | الحياء | 6 |
| RG-20 066 | Biodiversity of Microorganisms, Insects Fauna and Entomopathogenic Nematodes at Hail District, Saudi Arabia | Prof.Dr. Abdel Moneim Elhadi Sulieman | الحياء | 7 |

**الدورة الثالثة:**

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| **المبلغ المرصود لتمويل المشروع****The amount allocated to finance the project**  **SAR** | **الرقم المرجعي****Reference** | **العنوان****Project title** | **الباحث الرئيس****PI** |  |
| 98400 | RG-21123 | Valorization of Hail Region Agriculture Waste (Palm date seeds and Pomegranate Peels): New outlooks for more sustainable society | Dr. Salem ELKAHOUI  | 1 |
| 96000 | RG- 210135 | Survival Strategies of the clinical isolate of Staphylococcus aureus during exposures to alteration in the environmental conditions that present in human wound site: metabolomics and proteomic studies | Dr Mousa Alrashidi | 2 |
| 98400 | RG-21093 | Transcriptomics and Metabolomics Investigation of Biosurfactant-Assisted Silver Nanoparticles Impact on Human Disease-Associated Multispecies Biofilms | Dr. Mohd Adnan | 3 |
| 96000 | RG-21 052 | Anticancer activity and Molecular Mechanism of Plumbagin | Dr. Mohd Saeed  | 4 |
| 98400 | RG-21 122 | Alkanin: A natural miraculous dye having a nephroprotective  | Dr. Mohd Saeed | 5 |
| 98400 | RG-21 100 | Malignant breast bone metastases and exposure to pesticides: Experimental trials on pharmaceutical properties of a hybrid synthesized compound and complimentary medication | Dr. Riadh Badraoui | 6 |
| 98400 | RG-21 109 | Valorization of three honey varieties from hail region:phytochemical screening, anti biofilm, anti quorum sensing, anti oxidant, anticancer and admet properties ( in vitro and in silico approaches) | Dr. Walid Sabri | 7 |
| 98400 | RG -21037 | Discovery and targeting of periodontal and tuberculosis drug targets: A pharmacological relationship approach  | Dr Mahvish khan | 8 |
| 62400 | RG-210151 | Synthesis of nanoparticles from natural metabolites for the assessment of anti-biofilm activity in multidrug resistant bacteria | Dr. Subuhi Sherwani | 9 |
| 74400  | RG- 21 114 | Phytochemical screening, pharmacokinetic properties, antibiofilm and anti-quorum sensing activities of *Anethum graveolens*, *Illicium verum*, *Thymus vulgaris* and *Origanum vulgaris* essential oils and their relative major compounds: *In vitro* and *in silico* evaluation of the antimicrobial activity against foodborne pathogenic bacteria | Dr. Amira Noumi | 10 |
|  |  |  | Dr Majdi | 11 |