

**Profile of Dr M. Valan Arasu**

**Name:** Dr. M. Valan Arasu

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**Employment details and educational qualifications**

Post-doc (Food Bioscience) : National Institute of Animal Science, RDA, South Korea  
 Post-doc (Food Bioscience) : Chungnam National University, Daejeon; South Korea  
 Post-doc (Biofuels) : Pusan National University, Busan; South Korea  
 Scientist (Biofuels) : Nagarjuna Fertilizers and Chemical Pvt, Hyderabad; India

**Research projects carried out as PI/CO-PI**

| Funding/Saudi Arabia | Project details  | Amount in USD |
|----------------------|--|---------------|
| KSU-RSP-2019/2020-20 | Biomedical application of nanomaterials from marine origin   | 15,000        |
| KSU-PRG-1437-28      | Enhanced production of industrially important enzymes using agro-residues  | 8,000         |
| ISPP#0021            | Identification and quantification of phenolic compounds from Buch wheat with antioxidant properties                                      | 11,000        |
| KSU-VPP              | Expression level of phenyl propanoid biosynthetic pathways in medicinal plants and the level of metabolites with biological applications | 20,000        |
| KSU- RG-1435-071     | Determining the pathogenic role of microbes in fresh water fish  | 20,000        |
| KSU- RG-1435-071     | Application of Essential oils for postharvest protection of fruits and vegetables  | 20,000        |
| KSU-Research Center  | Probiotic properties of Lactobacillus from the commonly consumed pickles   | 8,000         |

**Research supervision and guidance**

| Program of study      |                | Completed | Ongoing |
|-----------------------|----------------|-----------|---------|
| Dissertation & Thesis | Doctoral       | -         | 1       |
|                       | Post graduate  | 2         | 1       |
|                       | Under graduate | 10        | 2       |

**Patent**

| Title  | Inventors   | Patent Number | Filing Date  | Country | Current Status |
|--|---|---------------|--------------|---------|----------------|
| Process for the production of yellow pigment from bacteria | G.S.Kiran, N.A.Al-Dhabi, M.Valan Arasu, J. Selvin | 9493792 B1    | Jan.15, 2015 | USA     | Published      |

**Publications**

Journals : 248  
 Book Chapters : 6  
 Gene Bank : 38