

## BIO-DATA of **Dr. Mary Josepha Shery A.V., SCIENTIST - C, PML**

**Name** : Dr. Mary Josepha Shery A. V.

**Designation** : Scientist 'C'

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**Specialization** : Msc: General Zoology, Mphil: Insect endocrinology,  
PhD: Entomology, Molecular biology, Virology and Microbiology.

**Publications** : Research Papers: 1

**Mary Josepha Shery, A.V. and Jayaprakas, C. A. 2011. Whitefly (*Bemisia tabaci* (Genn.)) on cassava: Seasonal variations and varietal preference. J. Root. Crops. 37(1): 48-53.**

**Popular articles:** Five (5)

**Seminar Presentations:** Seven (7)

### **Sequences submitted to NCBI:**

1. Two sequences of virus accession number FJ: 827040. 2 and HM: 138689.1
2. Twenty three sequences of *Bemisia tabaci*, GU: 353180.1, GU: 353179.1, HM: 185745.1, HM: 185746.1, HM:185747.1, HM: 185748.1, HM: 185749.1, HM: 185750.1, HM: 185751.1, HM: 185752.1, HM: 185753.1, HM: 185754.1, HM: 185755.1, HM: 185756.1, HM: 185757.1, HM: 185758.1, HM: 185759.1, HM: 185764.1, HQ: 446155.1, HQ: 446159.1, HQ: 446158.1, HQ: 446156.1, HQ: 446154.1
3. Five sequences of symbiotic bacteria of *Bemisia tabaci*, JF: 813189.1, HM: 352645.1, HM: 352644.1, GU:2233154.1, GU: 223155.1

### **Culture deposited in MTCC, IMTECH**

1. *Arthrobacter sp.* P, Accession number MTCC P- 10503
2. *Bacillus sp.* S, Accession number , MTCC S 10502
3. *Bacillus sp.* Rsr, Accession number , MTCC Rsr 10662
4. *Bacillus pumilus* strain rr, Accession number , MTCC rr 10663

**Area of interest:** Pests of mulberry acting as vectors.

**Awards/Appreciation:**

(1) Best poster presentation award in the 22<sup>nd</sup> Kerala Science Congress.

**NATIONAL TRAINING:**

- (1) Refresher Training Course at CSR&TI, Mysore for two months on “Mulberry cultivation & Silkworm Rearing”.
- (2) Training in Mass production of exotic parasitoids of papaya mealybug at NBAll, Bangalore.

**RESEARCH CONTRIBUTION / VALIDATION**

- First report on the occurrence of new white fly species *Dialeuropora decempuncta* on mulberry in Wayanad district, Kerala.
- Identified the whitefly species infesting mulberry in CSR&TI Mysore as *Dialeuropora decempuncta* with the help of Dr. Sunder Raj, Scientist-F, Wood Research Institute, Bangalore.
- First report on May-June beetle on mulberry in Marayoor, Kerala.
- Identified the stem borer attacking mulberry tips as *Oberea artocarp*i with the help of Dr. George Mathew, Head of the Entomology Division, Forest Research Institute Peechi, Kerala.

**MEMBER OF SCIENTIFIC SOCIETIES/JOURNALS:**

1. Life Member of National Academy of Sericultural Sciences, India (NASSI)
2. Life member of Indian Society for Root Crops
3. Life member of Association for Advancement of Entomology