Sharone Gladies E, Ph.D.

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Education

Degree	Institution	Duration	Field of study
Ph.D.	Bharathiar university, India	November 2017-November 2023	Plant tissue culture
M.Sc.	PSGR Krishnammal College for Women, Coimbatore, India	2015-2017	Botany
B.Sc.	Mercy college, Palakkad, India	2011-2014	Botany

Research experience

Ph.D. scholar under the supervision of Dr. B. S. Chithra Devi at PSGR Krishnammal college for Women, Affiliated to Bharathiar University, Coimbatore ,India .

Major Projects (Studies submitted to Bharathiar University for the award of my Ph.D. Degree):

- **In vitro regeneration and Bioactive studies on Pholidota pallida Lindl; and Arundina graminifolia D.Don Hochr, Orchids Endemic to Western Ghats**
- Acquired experience in sample collection, storage, and Medium preparation, standardization, propagation of plants, Subculturing, Rootening and hardening.
- Acquired experience in Soxhelt extraction, GCMS, HPLC, culturing and isolation of microogranims .

Research skills

- **Suitable Medium preparation for Invitro culturing**
- **Sample collection and Sterilization**
- **Inoculation and subculturing**
- **Rootening and hardening**
- **Characterization of Nanoparticles**
- **Isolation of endophytes**
- **Analytical and other software skills:** Adobe illustrator and Microsoft Office (Word, Excel, Power-point)

Field of interest

Interested in conservation of rare and endangered species via plant tissue culture. I am enthusiastic to learn new techniques and skills for drawing meaningful insights from tissue culture method.

Personal Skills

- Enthusiastic learner and problem-solving attitude
- Good Laboratory Practices (GLP)
- Good presentation skill, teaching, and training skills
- Able to work independently and in collaborations with being cooperative
- Able to speak, read, and write in English

Top publications

1. Advances in Applied Research, **Volume** 11(1), 2019, 13-18. *In Vitro* Regeneration of *Pholidota pallida Lindl.*(Orchidaceae) by Sharone Gladies E , Krishnaveni T and Chithra Devi B.S.
2. Advances in Applied Research Volume 13(1): 2021, 32-36. Isolation and characterization of fungal endophytes from *Dendrobium crumenatum Sw.* and *Dendrobium nodosum Dalzell* (Orchidaceae) by Sharone Gladies E, K.C Dilna Mohan, R.Lakshmi Priya and Chithra Devi B.S.

3. Plant Archives, **Volume** 21(1), 2021, 1214-1220. Bioactivity of Endemic Orchids of Western Ghats; *Pholidota pallida Lindl* and *Arundina graminifolia (D. Don) Hochr* by Sharone Gladies E and Chithra Devi B, S.
4. Plant Archives, 21(1), 2021, 1851-1855. *In vitro* Regeneration of *Arundina graminifolia (D. Don) Hochr.* by Sharone Gladies E and Chithra Devi B.S.

RESEARCH PAPERS PRESENTED IN SEMINARS AND CONFERENCES

International

- Paper Presented on "In vitro Screening of Antibacterial Protein Activity from Medicinal and Economically Important plants Seed" in international seminar on Advances in genomics and Proteomics organized by Kongunadu Arts and science college, Coimbatore

- Paper presented on Invitro regeneration of *Pholidota pallida* in International SI-UK workshop organized by department of biotechnology, Bharathiar university, Coimbatore, Tamil nadu

National

- Paper Presented on "Molecular docking studies of compounds isolated from *Abutilon hirtum* : in National conference on: Herbal wealth in siddha system of medicine: organized by RVS Sidha medicinal college, Kannampalayam.

References:

Dr. B.S Chithra devi

Assistant professor

Department of botany

PSGR Krishnammal college for women

Coimbatore India