

This is Sridevi who wish to apply as postdoc in your lab. I am having experience in Electrophysiology as I have undergone training at Humboldt University, Berlin, Germany. If you provide me an opportunity I will utilise my energies and talent to keep up the name of the lab. Hoping for a favourable response. I can learn and get along with the new techniques very quickly.

Curriculum Vitae

Name : Sridevi Bonthu

Date of Birth : 27th March 1968

Nationality : Indian

Gender : Female

Present plan of work at University of Hyderabad, India.

1. To develop an animal model with bilateral injections of amyloid - B into the amygdala of young rats and monitor the progression of Alzheimer's disease using marker enzymes.

2. Investigate the electrophysiological, histopathological, immunohistochemical and behavioural changes in the infected rats.

3. Clinical investigation of the Alzheimer's disease after the transplantation of stem cells.

Work Experience : From Sep 2005 to Nov 2005 I have undergone training in Neurophysiology with special reference to electrophysiology in Humboldt University Berlin, Germany

Work Experience : Worked as Research associate in Sri Venkateswara University Tirupathi from June 1996 to aug 2005 in neurophysiology of mice with effect to lead toxicity.

Qualifications: Phd Completed in May 1996 from Sri Venkateswara University, Tirupathi, India with comparative respiratory metabolisms in arthropods and molluscs during thermal stress.

The studies include changes in alterations in ions, activity levels of ALAT, oxygen consumption and levels of pyruvate, lactate, glycogen in relation to oxygen equilibrium curves during thermal stress.

Publications:

1. Sridevi.B, Md.Riyaz Basha, B.P.Naidu and G.R.Reddy 1998
"Temperature impact on copper metabolism in the blood of crab *Oziotelphusa senex senex* and snail, *Pila globosa*" In: National academy of Science India.

2. Sridevi.B, Md. Riyaz Basha, G.R. Reddy and B.P.Naidu 1997
"Influence of thermal stress on energy metabolism in the blood of *Oziotelphusa senex senex* and *Pila globosa*" In: Bulletin of National

Environmental Science Academy.

3. Sridevi.B and B.P.Naidu 1996 "Alterations in the ionic balance of the haemolymph in the fresh water field crab *Oziotelphusa senex senex* and fresh water snail *Pila globosa* during thermal stress" In: Indian Journal of Comparative animal physiology.

Masters : completed in 1992 from Acharya Nagarjuna University, Guntur, India with fish physiology, limnology and ichthyology as my optionals.

Bachelors: From Andhra University Waltair, India in 1989 with Zoology, Botany and Chemistry.

Computer skills: I am well versed with excel, SQL, word processing etc.,

I can assure for a shift and get acquainted with all the new equipment and explore the technologies which are better equipped than India.

Hoping for a favourable response.

Thanking you

With Best regards

Sridevi

References

1.Prof.Dr.Rajarami Reddy Gottipolu,
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Sri Venkateswara University, Tirupathi, AP., India.

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