

ASHISH AVINASH GORULE, PhD

Department of Life and Environmental Sciences,

Section of Neuroscience

University of Cagliari

Objective

I strongly desire to pursue my career in Neurosciences and grow to the best in this field. To help me in this direction, I am looking for University that offers me a challenging, stimulating, and learning environment to work in and provide scope for an individual development and career growth.

Professional experience o Assistant Professor in Pharmacology (Department of Pharmacology)

SRE's Sanjivani college of Pharmaceutical Education and Research, Kopargaon

September 2012 — February 2013

Academic qualification

- Doctor of Philosophy (Ph.D.)- Neurosciences (March 2016)

Department of Life and Environmental Sciences, Section of Neuroscience

University of Cagliari, Italy

Thesis title: "Neonatal maternal separation and alcohol abuse in C57BL/6J mice: A study of the functional alterations of GABAergic and GLUergic systems and the possible protective role of estrogen"

Supervisor: Prof. Enrico Sanna

- Master of Pharmacy (M. Pharmacy)- Pharmacology (June 2012)

University of Pune, India

Thesis title: "A study of herbal formulation containing Mucuna pruriens, Nardostachys jatamansi, and Withania somnifera with respect to antiparkinsonian activity"

Supervisor: Prof. Sanjay B Kasture

- Bachelor of Pharmacy (B. Pharmacy)- Pharmaceutics, Pharmacology, Pharmacognosy,

Medicinal chemistry (April 2010)

University of Pune, India

Thesis title: "Herbal toxicity in children: An overview"

Supervisor: Prof. Neeraj S Vyawahare

Industrial training

- Trainee in quality assurance technique

AGIO Pharmaceuticals Limited

Bhosari, Pune, India 411026

- Trainee in vaccine production technique
Serum Institute of India research foundation
Hadapsar, Pune, India 41028

Research skills

- Electrophysiological studies
Preparation of brain slices
Extracellular field potential technique to study synaptic plasticity
Intracellular patch clamp technique to study neurotransmission systems
- Neurochemical studies
Staining of brain slices
Confocal microscopy to study of morphology and interconnections of neuronal networks
- Behavioural pharmacology studies
Handling of the animals
Different animal models to study the disease and effect of drug such as Parkinson's disease
Use of stereotaxis instrument for brain lesions
- Handling of Instruments
Handling of various instruments such as HPLC which is useful for micro dialysis studies

Computer skills e Good proficiency in use of software used for statistical analysis such as Graph Pad Prism.

- Certificate course in programming in "C"
- Certificate course in computer hardware
- Maharashtra state certificate course in information technology

Research papers

- Licheri V., Talani G. , Gorule A.A., Mostallino M.C., Biggio G., Sanna E.
Plasticity of GABA A receptors during pregnancy and postpartum period: From gene to function
Neural Plasticity, Vol. 2015, Article ID 170435

Poster presentation

- Gorule A.A., Talani G., Licheri V., Biggio G., SannaE
Repeated maternal separation in C57Bl/6J mice: Changes in hippocampal GABAergic and GLUergic synaptic function and increased voluntary ethanol consumption
XVI Congress of the Italian Society for Neuroscience, Cagliari, 2015

- Talani G., Licheri V., Di Lucente J., Firino L., Cocco L., Gorule A.A., Biggio G., Sanna E.
Changes in function of GABAergic transmission and synaptic plasticity in the hippocampus of C57BL/6J mice exposed to repeated maternal separation
Society for Neuroscience, Washington DC, 2014
- Gorule A.A., Kasture S.B.
Study of herbal formulation containing *Mucuna pruriens*, *Nardostachys jatamansi*, and *Withania sonnifera* with respect to antiparkinsonian activity
International congress of the Society for Ethnopharmacology, Graz, 2012
- Gorule A.A., Vhanale s.K., Bhalke R.D.
Analgesic activity of *Bauhinia racemosa* leaves Avishkar,
University of Pune, 2010
- Awatade N.T., Gorule A.A., Vyawahare N.S. Herbal
toxicity in children: An Overview
Indian pharmacological society, Delhi 2008 ●
- Gorule A.A., Vyawahare N.S.
Herbal toxicity in children: An overview
Guru Ghasidas University, Chattisgarh, 2008

Workshop and certificate course

- Dalla Nanomedicina al Brain imaging. Le nuove frontiere delle Nanobioteecnologie
- 5 Days workshop on animal tissue culture.
- Three day national level seminar on Behaviour, Brain Systems, and Preclinical evaluation
- National seminar on Prospects and Perspectives in Pharmaceutical Research
- Certificate course in medical genetics

Achievements

- Registered pharmacist approved by Maharashtra State Pharmacy Council
- Qualified GATE examination
- Qualified national level Pharmacy Talent Search Examination (Junior Level)

Personal Information:

- Date of Birth: 29th August 1987 o Nationality: Indian o Language known: English, Marathi, Hindi, Italian

References e Prof. Enrico

Sanna

Department of Life and Environmental Sciences, Section of Neuroscience,
University of Cagliari, Italy E-
mail: esanna@unica.it

- Prof. Sanjay B Kasture
Director, Pinnacle Biomedical Research Institute,
Bhopal, India
E-mail: kasturesbl@gmail.com
- Prof. Sanjay R Arote
Principal, SRE's Sanjivani College of Pharmaceutical Education and Research,
Kopargaon, India
E-mail: sanjayarote@rediffmail.com