

## Curriculum Vitae

### **Dr. Lata**

B.Sc., B.Ed., PGDCA, M.Sc., M.Phil., Ph.D. Botany  
Assistant Professor  
Department of Botany  
Akal College of Basic Sciences  
Eternal University, Baru Sahib  
Sirmour, Himachal Pradesh



### **Personal Details**

Father's Name : Sh. Lakhaveer Singh Guleria  
Mother's Name : Smt. Meera Guleria  
Date of Birth : 03/03/1985  
Marital Status : Divorced  
Nationality : INDIAN

### **Permanent Address**

V.P.O. Surajpur Bari, Teh. Sarkaghat, Distt. Mandi (H.P.)  
e-mail - L1603.lata@gamil.com  
Contact No. - 76963 44254

### **Academic Qualification**

B.Sc. Medical (2005) - H.P.U. Shimla  
B.Ed. (2006) - H.P.U. Shimla  
PGDCA (2007) - K.U. Kurukshetra  
M.Sc. Botany (2009) - H.P.U. Shimla  
M.Phil Botany (Mycology and Plant Pathology) (2012) - Punjabi U. Patiala  
Ph.D. Botany (Mycology and Plant Pathology) (2019) - Punjabi U. Patiala

- **M.Phil** under supervision of **Prof. N. S. Atri** on topic "**Culturing and Domestication of *Lentinus cladopus* LÉV**"
- **Ph.D.** under supervision of **Prof. N. S. Atri & co-supervision of Prof. J. I. S. Khattar** on topic "**Physiological, Biochemical and Cultivation Study on *Lentinus sajor-caju* (Fr.) Fr.**"

### **Linguistic Ability**

Hindi, English, Punjabi - Read, write and speak

### **Teaching Experience**

- TGT & PGT Biology – K-Key Public School, H.P. – July 2009 to Mar 2010
- TGT & PGT Biology – Akal Academy, Mander, Punjab– Apr 2010 to Oct 2010

- PGT Biology – Sky Tutorials Institute (Patiala) – May 2011 to Aug 2012
- TGT & PGT Biology – Shine Coaching Institute, Chandigarh - 21<sup>st</sup> Dec 2018 to 10<sup>th</sup> Sep 2019

## Awards

UGC-BSR Fellow – April 2013 to April 2018

## Publications (National & International)

- 1) Atri N.S. and **Lata** 2013. Studies for culturing and cultivation of *Lentinus cladopus* Lév. *Mycosphere* 4(4):675-682.
- 2) Atri N.S. and **Guleria Lata**. 2013. Evaluation of vitamins, phytohormone and trace element requirements of *Lentinus cladopus* Lév. *Int. J. Pharm. Pharmace. Sci.* 5(4): 40-42.
- 3) Atri N.S., Kumari B., Kumar S., Upadhyay R.C., Gulati A., **Lata** and Gulati A. 2016. Nutritional profile of wild edible mushrooms of north India. In: *Fungi: Applications and Management Strategies* (eds. S.K. Deshmukh, J.K. Misra, J.P. Tiwari and Papp Tamas). CRC Press, London, New York. 372-395p.
- 4) **Lata** and Atri N.S. 2017. Amino acid profile of a basidiomycetous edible mushroom *Lentinus sajor-caju*. *Int. J. Pharm. Pharmace. Sci.* 9(9): 252-257.
- 5) Atri N.S., Singh R., Mridu, **Lata** and Upadhyay R.C. 2018. Taxonomic and domestication studies on *Lentinus squarrosulus*. In: *Advances in Macrofungi: Diversity, Ecology and Biotechnology* (eds. K.R. Sridhar & S.K. Deshmukh). CRC Press, London, Washington DC (In Press). 122-143 p.
- 6) **Lata** and Atri N. S. 2020. Analysis for the fatty acid composition of *Lentinus sajor-caju* – *Int. J. Food Prod.* (accepted).
- 7) **Lata** and Atri N. S. 2020. Evaluation of media and physiochemical parameters for the vegetative growth of *Lentinus sajor-caju* (Fr.) Fr. - *Kavaka, Myc. Soc. India* (accepted).

## Conferences attended and Papers presented

- 1) Atri N.S., **Lata** and Sharma S.K. 2013. Nutritional and nutraceutical potential of indigenous

strain of *Lentinus sajor-caju* (Fr.) Fr. National symposium on *Mushrooms for medicinal value and nutritional security under changing climatic conditions*. Dec. 27-28, 2013. (Abstract no. 54) organized by Dr. Y. S. Parmar University of Horticulture and Forestry, Nauni, Solan, H.P.

- 2) **Lata** and Atri N.S. **2014**. Vegetative growth requirements for *Lentinus sajor-caju*. National symposium on *Emerging trends in botanical sciences*. Feb 17-18, 2014. (Abstract no. C-11) organized by Department of Botany, Punjabi University Patiala, Punjab.
- 3) Atri N.S. and **Guleria L.** **2014**. Physiological and nutritional studies of *Lentinus sajor-caju* (Fr.) Fr. National symposium on *Current trends in plant sciences with special reference to phycolgy and mycology*. Oct 28-29, 2014 (Abstract no. A7) organized by Punjab University Chandigarh.
- 4) **Lata** and Atri N.S. **2015**. Cultural, cultivation, nutritional and nutraceutical studies on *Lentinus sajor-caju* (Fr.) Fr. National symposium on *Emerging trends, applications and prospects*. Feb 23-24, 2015 (Abstract no. BTO-03) organized by Department of Botany, Punjabi University Patiala, Punjab.
- 5) **Lata** and Atri N.S. **2016**. Studies on nutritional and nutraceutical profiling of *Lentinus sajor-caju* (Fr.) Fr. National symposium on *Basics and Applied Researches in Plants and Microbes*. Nov 3-5, 2016 (Abstract no. AO-8) organized by Department of Botany, Punjabi University Patiala, Punjab.

### **Participation in Conferences/ workshops/ webinars**

(i) Workshop: DNA extraction and isolation.

(ii) Workshop: Flow-cytometry – Basis of Flow Cytometry And Its Applications in Plant Biology.

(iii) Webinar: Awareness about Cancer among Females -The second largest killer in the world.

### **Participation in co-curricular activities of students as Organiser/ in-charge**

**Co-ordinator** – Cultural Program “National Science Day” 28/Feb/2020