



**BIODATA**  
**DR. TOUR JAN**  
*Assistant Professor*

### Contact

Department of Botany  
University of Malakand (KP), Pakistan

☎ 0346 2681954  
Tour\_jan@yahoo.com

### Particulars

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Name	Tour Jan
Father's name	Sarfaraz Khan
Date of Birth	1 <sup>st</sup> Sept 1974
Nationality	Pakistani
Domicile	FATA (Bajaur Agency)
Permanent	Village shir Pana Bajaur Agency, Khar

### Educational Qualification

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Ph.D.	<b>Botany</b> , Plant Tissue Culture and Study of Secondary Metabolites (University of Karachi)
M.Phil.	<b>Botany</b> , Plant Tissue Culture and Chemical Constituents (University of Karachi)
Master.	<b>Botany</b> (University of Karachi)
Bachelor.	<b>Science</b> (Govt College Khar Bajaur Agency)
H.S.S.C.	<b>Science</b> (Govt College Khar Bajaur Agency)

S.S.C.

Science (Govt College Khar Bajaur Agency)

**Ph.D Thesis Title:** \_\_\_\_\_ -

*In vitro* Mass Multiplication and Study of Natural Products of *Salvia santolinifolia* from Karachi.

**Supervisor (Ph.D)**

Professor Dr. Raiha Qadri, Department of Botany University of Karachi

**Field of Interest** \_\_\_\_\_ -

Conservation of Endangered Plant species through Tissue Culture Technique  
Bioactive Metabolites

**Experience** \_\_\_\_\_ -

Assistant Professor in the Department of Botany, University of Malakand, Khybeer Pakhtunkhwa, Pakistan; Tenure Tract Scheme (TTS)

**Duration:** July 12, 2016 continue

Assistant Professor in the Department of Botany, University of Malakand, Khybeer Pakhtunkhwa, Pakistan; on Interim Placement of Fresh Ph.Ds Program (IPFP) (IPFP)

**Duration:** February 17, 2015 to February 17, 2016

**Administrative experience** \_\_\_\_\_ -

In-charge Department of Botany, University of Malakand (10, July 2017 to 22 January 2018)

Coordinator (BS-4 years and M.Sc)

Member of Graduate Study Committee

Convener of Scholarship Committee (HEC Need Base Scholarship)

Member of SAFE Scholarship committee

Convener of (BS-4 Years and M.Sc) Admission Committee

Member Purchase committee

Member Departmental UFM committee

Member of Departmental Selection committee for teacher on class base honoraria

**List of Publication** \_\_\_\_\_ -

1. **Tour Jan**, Beena Naqvi and Raiha Qadri. In vitro callus induction of *Salvia santolinifolia* (Boiss) (Int. J. Biol. Biotech., 10(3): 327-330, 2013). (**IF-0**)
2. **Tour Jan**, and Khalida. Khatoon. In vitro regeneration of *Salvia santolinifolia*. *Pak. J. Bot.*, 46(1): 325-328, 2014. (**IF-0.8**)
3. **Tour Jan**, Beena Naqvi, Raiha Qadri, Muhammad Nisar. 2015. Effect of age of cultures and hormones on the synthesis of secondary metabolites from callus of

- salvia santolinifolia* (boiss), a medicinal herb. *European Journal of Biotechnology and Bioscience*. 11(3); 19-22. (RJIF-5.44)
4. **Tour Jan**, Beena Naqvi and Raiha Qadri. 2015. *In Vitro* Mass Multiplication and Isolation of Natural Products from Callus Tissues of *Salvia santolinifolia* (Boiss). *Biol. Chem. Resch.* 320-328. (IF-0)
  5. Syed Fazal Wadood<sup>1</sup>, Nazim Hassan<sup>1</sup>, Anela Khaliq<sup>1</sup>, Nausheen<sup>1</sup>, **Tour Jan**<sup>1</sup>, Abdul Ghafoor<sup>2</sup>, Murad Khan<sup>3</sup>, Mohammad Nisar<sup>1\*</sup>. 2016. Genetic polymorphism in *Lens culinaris* collected from Malakand division Khayber Pakhtunkhwa, Pakistan. *Journal of Biodiversity and Environmental Sciences*. 8(2): 53-60. (IF)
  6. Muhammad Asif Nawaz, Zainab Bibi, Asad Karim, Haneef Ur Rehman, Muhsin Jamal, **Tour Jan**, Afsheen Aman, Shah Ali Ul Qader .2016. Production of  $\alpha$ -1,4-glucosidase from *Bacillus licheniformis* KIBGE-IB4 by utilizing sweet potato peel. *Environ Sci Pollut Res*. 24(4):4058-4066. (IF-2.76)
  7. **Tour Jan**, Raiha Qadri, Beena Naqvi, Achyut Adhikari, Said Nadeem and Akhtar Muhammad. 2018. A novel Salvialactomine from the callus culture of *Salvia santolinifolia* Boiss. *Natural Products Reaserch*. (IF-1.82)
  8. S. U. Zaman, K. Ali, W. Khan, M. Ali, **T. Jan**, M. Nisar. (2018). Ethno-botanical and geo-eferenced profiling of medicinal plants of Nawagai Valley, District Buner (Pakistan). *Biosystems Diversity*. 26(1), 56–61. (IF 0)
  9. **Tour Jan**, Rashid Azam, Arshad Ali and Muhammad Asif Nawaz. (2018). Holistic plant regeneration protocol from callus cultures of *Salvia moorcroftiana*, a medicinal herb. *African Journal of Biotechnology*. (Accepted) (IF 0.2)
  10. **Tour Jan**, Beena Naqvi, Muhammad sif Nawaz, Muhammad Nisar and Raiha Qadri. (2018). Alleviation of shoot tip necrosis in *in vitro* propagation of *Salvia santolinifolia*, Boiss. *Romanian Letter of Biotechnology*. (Accepted). (IF 0.4)
  11. **Tour Jan**, Khalida Khatoon, Nasrullah Khan, Muhammad Asif Nawaz, Muhammad Nisar, and Sher Wali. (2018). Symptoms and reduction of hyperhydricity associated with the shoots regenerated from callus *Salvia santolinifolia*. *Pakistan Journal of Botany*. (Submitted).

12. **Tour Jan**, Beena Naqvi, Raiha Qadri, Muhammad Nisar, Nasrullah Khan, Muhammad Asif Nawaz and Ali Hazrat. (2018). Impact of hormones on the proliferation of shoots and initiation of roots in *Salvia santolinifolia* (Boiss), a high value medicinal herb. Pakistan Journal of chemical and Industrial Research. (Submitted).

**Conferences attended International and National** -

- 1- "Electron microscopy" organized by M.A.H. Qadri Biological Research Center, University of Karachi, from April 11-13, 2005.
- 2- National workshop for life scientists, organized by the Kohat, University of Science and Technology, from November, 14-23, 2005.
- 3- Atmospheric Chemistry what's at Risk, organized by the Department of Chemistry University of Karachi, 28-29, 2012.
- 4- Biodiversity of Pakistan: Prospective and Associated Issues, organized by the Department of Botany, University of Peshawar, from May 22-24, 2016.
- 5- 5-day Workshop on Teaching and Research' organized by: Department of Education, University of Malakand, May 23-27, 2017
- 6- Third International Symposium on 'Conservation Issue of Edible Wild Resources of Hindukush Himalayas'. Organized by Department of Botany, Islamia College Peshawar and University of Peshawar, from July 21-24, 2017
- 7- 6<sup>th</sup> International and 15<sup>th</sup> National conference on 'Dynamic trend in plant science-fostering environment and food security. Jointly organized by: Sardar Bahadur Khan Women University Quetta and Pakistan Botanical Society, May 9-11, 2017.
- 8- International Conference on: Digitization and Documentation of Plant Natural Resources Organized by the Department of Botany Universtiy of Chitral with collaboration of Islamia College, from March 29-April 2<sup>nd</sup>, 2018.
- 9- National Conference on Plants: From Food to Phytomedicin, Jointly organized by the University of Malakand and University of Sargoda, from May, 3-4, 2018.