

Resume: Khushboo Nagdev

Name : Ms. Khushboo Nagdev

Present position : **Research Fellow**

Address : **Biochemistry Research Laboratory
Central India Institute of Medical Sciences,
88/2, Bajaj Nagar,
Nagpur-440010, (M. S.)
INDIA.**

Date of Birth : **17th October, 1983**

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Academic Qualifications

- B.Sc Botany, Chemistry, Zoology, Rani Durgawati University, Jabalpur, 2004
- M.Sc Microbiology, Rani Durgawati University, Jabalpur , 2006.

Honors & Achievements

- **Gold medalist** in M.Sc Microbiology, 2006 conducted by RDVV University, Jabalpur.
- Stood first at district level in order of merit in B.Sc. examination, 2004, conducted by RDVV university, Jabalpur.
- Best Poster Award for presenting work on A comparative evaluation of different assay for the diagnosis of Tuberculous meningitis at “Biochem -07 National Conference on currents trends in Biochemistry, December 2007”.

Ph.D. work on : **Utility of polymerase chain reaction for diagnosis of tuberculous infection of CNS**

Research Experience : **Research fellow January, 2007- January 2008
Central India Institute of Medical Sciences,
Nagpur.
Project Fellow, DBT Project January, 2008-
January 2009
Central India Institute of Medical Sciences,
Nagpur.
Research Assistant January, 2009- till date
Central India Institute of Medical Sciences,
Nagpur.**

Publications

- Kainthla,R.P.,Kashyap,R.S., **Nagdev K.J.**,Purohit.H.J.Taori,G.M.,Daginawala,H.F
Evaluation of IS6110 PCR assay for the rapid diagnosis of tuberculous meningitis.
BMC Cerebrospinal Research. 2007; 4: 10.
- **Nagdev KJ**, Deshpande PS, Kashyap RS, Purohit HJ, Taori GM, Daginawala HF.
2008. Evaluation of nested PCR along with other laboratory techniques for the
diagnosis of Pleural tuberculosis. *International Journal of Integrative Biology.*4:28-
33.
- **Nagdev KJ**, Kashyap RS, Deshpande PS, Purohit HJ, Taori GM, Daginawala HF.
2009. Comparative evaluation of a PCR assay with an in-house ELISA method for
diagnosis of Tuberculous meningitis, accepted, Medical Science Monitor.
- **Nagdev KJ**, Kashyap RS, Deshpande PS, Purohit HJ, Taori GM, Daginawala HF.
2009. Determination of PCR efficiency for diagnosis of tuberculous meningitis in
Chelex-100 extracted DNA samples, accepted, International Journal of Tuberculosis
and Lung Diseases.

Posters presented in conferences :

- Khushboo J. Nagdev, P. S. Deshpande, R. S. Kashyap, H. j. Purohit, G. M. Taori and
H. F. Daginawala. **Evaluation of in house developed PCR and comparison with
different assays for the diagnosis of Tuberculous meningitis.** 76th annual meeting,
Society of Biological Chemists (India), Tirupati, November, 2007.
- Khushboo J. Nagdev, P. S. Deshpande, R. S. Kashyap, H. j. Purohit, G. M. Taori and
H. F. Daginawala. **A comparative evaluation of different assays for the diagnosis
of Tuberculous meningitis.** “Biochem -07 National Conference on currents trends in
Biochemistry,Nagpur, December 2007”.
- **Khushboo J. Nagdev**, Rajpal S. Kashyap, Poonam S. Deshpande, Hemant J. Purohit,
Girdhar M. Taori and Hatim F. Daginawala. **Evaluation of One-step Chelex-100
resin based DNA extraction protocol for PCR based diagnosis of Tuberculosis
meningitis.** 78th Annual Meeting Society of Biological Chemists (India), Pune.
October 30- November 1, 2009.
- **Khushboo J. Nagdev**, Rajpal S. Kashyap, Hemant J. Purohit, Girdhar M. Taori,
Hatim F. Daginawala. **Diagnosis of Bacterial Meningitis by analyzing
Cerebrospinal Fluid using Restriction Fragment Length Polymorphism.**
Eleventh Sir Dorabji TATA symposium. Diagnostcs in Infections.Bangalore. 10-
11 March 2010.

- Khushboo J. Nagdev, Rajpal S. Kashyap, Poonam S. Deshpande, Hemant J. Purohit, Girdhar M. Taori, Hatim F. Dagainawala. **Clinical Utility of Polymerase Chain Reaction as a diagnostic test for detection of Mycobacterium tuberculosis in different clinical specimens.** 64th National Conference on Tuberculosis and Chest Diseases, kolkatta, December 27- December 29 2009.

Area of research:

Molecular diagnosis of CNS and extra CNS Tuberculosis

Molecular diagnosis of bacterial meningitis