

## Curriculum vitae

**Dr. Rajesh Anand, Ph.D.**

**Asst. Professor (PTB)**

**Dept. of Biotechnology,**

**Guru Ghasidas Vishwavidyalaya, Bilaspur, C.G. India: 495009**

**Mob: +91-9131168371**

**Email: rajesh9in@gmail.com**



### Education

<b>Ph.D.</b>	<b>2010</b>	<b>Patna University, Patna, India</b>
<b>M.Sc.</b>	<b>2002</b>	<b>University of Delhi, Delhi, India</b>
<b>B.Sc.</b>	<b>1999</b>	<b>Magadh University, Bodh Gaya, India</b>

### Selected peer-reviewed Research publications

- (1) **Anand R**, Moss RB, Sass G, Banaei N, Clemons KV, Martinez M, Stevens DA. (2017) Small Colony Variants of *Pseudomonas aeruginosa* Display Heterogeneity in Inhibiting *Aspergillus fumigatus* Biofilm **Mycopathologia** 183(1):263-272 (IF-2.278)
- (2) **Anand Rajesh**, Clemons KV, Stevens DA. (2017) Effect of anaerobiosis or hypoxia on *Pseudomonas aeruginosa* (Pa) inhibition of *Aspergillus fumigatus* (Af) biofilm. **Archives of Microbiology** 199(6):881-890 (IF-1.642)
- (3) **Anand Rajesh**, Shankar Jata, Singh Agam P, Tiwary Bhupendra N. (2015) *Aspergillus flavus* - induces granulomatous cerebral aspergillosis in mice with display of distinct cytokine profile **Cytokine** 72: 166-172. (IF-3.078)
- (4) Thakur R, **Anand R**, Tiwari S, Singh AP, Tiwary BN, Shankar J. (2015) Cytokines induce effector T-helper cells during invasive aspergillosis; what we have learned about T-helper cells? **Frontiers in Microbiology** 6 (429). (IF-4.019)
- (5) Patel Tarun Kumar, **Anand Rajesh**, Singh Agam Prasad, Shankar Jata, and Tiwary Bhupendra N. (2014) Evaluation of aflatoxin B1 biosynthesis in *A. flavus* isolates from Central India and identification of atoxigenic isolates. **Biotech. and Bioprocess Eng.** 19: 1105-13 (IF-1.438)
- (6) **Anand Rajesh**, Shankar Jata, Singh Agam P, Tiwary Bhupendra N. (2013) Cytokine milieu in renal cavities of immunocompetent mice in response to intravenous challenge of *Aspergillus flavus* leading to aspergillosis **Cytokine** 61: 63–70. (IF-3.078)
- (7) **Anand Rajesh** and Tiwary Bhupendra N. (2010) Th1 and Th2 cytokines in lungs of mice infected with *Aspergillus flavus* **Cytokine** 52: 258-264. (IF-3.078)
- (8) **Anand Rajesh** and Tiwary Bhupendra N. (2010) Cytokine profile and cytotoxicity in response to acute intratracheal dose of *Metarhizium anisopliae* in BALB/c mice. **Med. Mycology** 48:1039-48. (IF-2.851)
- (9) **Anand R** and Tiwary B N. (2009) Pathogenicity of entomopathogenic fungi to eggs and larvae of *Spodoptera litura*, the common cutworm. **Biocontrol Sci. and Techn.**, 19: 919-29. (IF-1.00)
- (10) **Anand Rajesh**, Prasad Birendra and Tiwary Bhupendra N. (2009) Relative susceptibility of *Spodoptera litura* pupae to selected entomopathogenic fungi. **BioControl** 54: 85–92. (IF-2.191)
- (11) Manikpuri M, **Anand Rajesh** and Tiwary Bhupendra N. (2019) Allergic effects of airborne fungal conidia on BALB/c mice. **Toxicology International (Accepted)** (UGC Listed)

### Awards/Honors

- Awarded the project titled “Immune response of host and the adaptations in pathogenic fungi during infection” **under Fast Track Proposals for Young Scientists Scheme of Science and Engineering Research Board (SERB), Department of Science & Technology, Govt. of India.**
- Qualified and Awarded **Junior Research Fellowship in the National Eligibility Test (CSIR-NET)** conducted by Centre for Scientific and Industrial Research, Govt. of India (2002, 2003)
- Qualified Graduate Aptitude Test in Engineering (**GATE**) in Life Sciences with a percentile of 91.59 and **All India Rank of 207** in 2002

### Presentation in Conferences and Seminar

National= 04,

International= 07

**Date: 25-09-2019**

Place: Bilaspur, CG.

[Rajesh Anand]