

## Curriculum Vitae



1. **Name** : Dr. Heena Sachdeva
2. **Designation** : Assistant Professor
3. **Date of Birth** : 15.10.1986
4. **Address for Correspondence** : Dept. of Zoology,  
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5. **Area of specialization** : Parasitology

### 6. Educational qualifications:

Degree	Board/Univ./Inst.	Year	Marks (%)	Subjects taken
B. Sc.	Punjabi University, Patiala	2005	56.87	Botany, Zoology, Chemistry
M.Sc.	Punjabi University, Patiala	2007	66.95	Zoology
M.Phil.	Panjab University, Chandigarh	2009	83.33	Parasitology
Ph.D.	Panjab University, Chandigarh	2014	-	Parasitology

### 7. Awards

- Awarded best poster for abstract entitled “In vivo leishmanicidal.....murine visceral leishmaniasis” during 21<sup>st</sup> National Congress of Parasitology held at Department of Zoology, Panjab University, Chandigarh from 14-16 Nov., 2009.

### 8. List of Publications

- Kaur S, **Sachdeva H**, Dhuria S, Sharma M and Kaur T (2010). Antileishmanial effect of cisplatin against murine visceral leishmaniasis. **Parasitology International** 59(1):62-9. **impact factor: 1.860.**
- Sachdeva H**, Sehgal R and Kaur S (2013). Studies on the protective and immunomodulatory efficacy of *Withania somnifera* along with cisplatin against experimental visceral leishmaniasis. **Parasitology Research** 112(6):2269-2280. **impact factor: 2.027**
- Kaur S, Kaur G, **Sachdeva H** and Kaur J (2013). In vivo evaluation of the antileishmanial activity of two immunomodulatory plants, *Embllica officinalis* and *Azadirachta indica* in BALB/c mice. **International Journal of Ayurvedic and Herbal medicines** 3:1, 1066-1079.

4. **Sachdeva H**, Sehgal R and Kaur S (2014). *Asparagus racemosus* ameliorates cisplatin induced toxicities and augments its antileishmanial activity by immunomodulation *in vivo*. **Parasitology International** 63(1):21-30. **impact factor: 1.860**
5. **Sachdeva H**, Sehgal R and Kaur S (2014). *Tinospora cordifolia* as a protective and immunomodulatory agent in combination with cisplatin against murine visceral leishmaniasis. **Experimental Parasitology** 137:53-65. **impact factor 1.623**
6. Kaur S, Kalpana and **Sachdeva H** (2014). Protection against experimental visceral leishmaniasis by immunostimulation with herbal drugs *Withania somnifera* and *Asparagus racemosus*. **Journal of medical Microbiology**/2013/ 072694. **impact factor: 2.248**.
7. Kaur S, Bhardwaj K and **Sachdeva H**. (2015). Antileishmanial efficacy of *Boerhaavia diffusa* and *Ocimum sanctum* against experimental visceral leishmaniasis. **Indian Journal of Experimental Biology**-ID:EB-1046/13. **impact factor: 1.165, volume 53, pp522-529**.
8. **Sachdeva, H. and Kaur, S. (2017)**. Cisplatin along with herbal drug treatment reduces the percentage of regulatory T cells and decreased the severity of experimental visceral leishmaniasis. **Journal of Microbiology, Immunology and Infection, MS Id: JMII-D-16-00277R2 (Accepted)**
9. **Sachdeva H** (2015). Evaluation of changes in splenic lymphoid tissues during visceral leishmaniasis infection in BALB/c mice and after cisplatin in combination with herbal drug treatment. **International Journal of Advanced Research in Science, Engineering and Technology**. Vol. 2, Issue 7. 810-813.
10. **Sachdeva H** (2015). An insight into the treatment of Leishmaniasis. **International Journal of Advanced Research in Biological Sciences**. 2(9):1-8.
11. **Sachdeva H** (2016). Life cycle of *Leishmania donovani*; causative agent of visceral leishmaniasis: A review. 2(1):84-85. **International Journal of Scientific research in Science, Engineering and Technology**.
12. **Sachdeva H** (2016). Animal models of Leishmaniasis: A review. 7(1):8276-8278. **International journal of recent scientific research**.
13. **Sachdeva H** et al., (2016). An insight into Zika Virus: A review.7(3):9635-9636. **International journal of recent scientific research**.
14. **Sachdeva, H** and Sharma, M. (2016). Clinical manifestations of leishmaniasis: a review, **International journal of advanced research in science, engineering and technology (IJARSET)**, 3(12): 3096-3097.
15. **Sachdeva, H** and Sharma, M. (2016). Diagnosis of Visceral Lesimaniasis. **International journal of advanced research in science, engineering and technology (IJARSET)**, 3(12): 3096-3097.
16. **Sachdeva, H** and Sharma, M. (2017). Reservoir and transmission of Visceral Leishmaniasis, **International Journal of Scientific Research in Science and Technology. (IJSRST)** 3(1): 59-60.
17. **Sachdeva, H** and Sharma, M. (2017). *Leishmania*-Host Interaction and Survival Strategies "A Review". **International Journal for Science and Advance Research in Technology (IJSART)** 3(1): 41-43.
18. **Sachdeva, H** and Sharma, M. (2017). Organ specific immunity in visceral Leishmaniasis, ". **International Journal for Science and Advance Research in Technology (IJSART)**, 3(1): 79-80.
19. **Sachdeva, H** and Sharma, M. (2017). Role of cytokines in Leishmaniasis. **International Journal for Science and Advance Research in Technology (IJSART)** 3(1): 81-82.

## **9. Important Conferences/Seminars/Workshops attended**

### **Workshops attended:**

- INDO-US Seminar-Cum-Demonstrative Workshop on Animal cell culture, DNA fingerprinting and cell marker identification held at Panjab University, Chandigarh from 13-15<sup>th</sup> Dec., 2007.
- Attended and Volunteered in the National seminar-cum-workshop on Exploring New Vistas in Biodiversity Research for Sustainable Development, January 22-24, 2011 at Dept. of Zoology, Panjab University, Chandigarh.

### **Abstracts/Posters presented**

- Presented poster in the National Conference on Advances in Biological Sciences on 29-30 March, 2010 at Dept. of Zoology, Panjab Uni., Chd.
- Presented poster in the 23<sup>rd</sup> National Congress of Parasitology held at Anna University, Chennai, 18<sup>th</sup>-20<sup>th</sup> Nov., 2011.
- Presented poster in the International conference on Entomology at Punjabi University, Patiala during 17-19 Feb., 2012.
- Presented poster in XII International conference on Vector and Vector Borne Diseases on 16-18 Sept., 2013 at Udaipur, Rajasthan organized by Mohanlal Sukhadia University, Udaipur (Rajasthan) and NAVBD, Bhubaneshvar (Odisha), India.

### **Conferences attended:**

- Attended the National symposium on Biodiversity, Cell and Molecular Biology at Dept. of Zoology, Panjab University, Chandigarh, 26-27, 2008.

*I solemnly declare that above information is true and correct to the best of my knowledge*

(Dr. Heena Sachdeva)