

APPENDIX

List of Publications

Research papers

1. Chaudhry, A. and **Bhinder, P.** (2009). Cypermethrin induced mutations in rDNA internal transcribed spacers 1 and 2 of *Culex quinquefasciatus* (Diptera: Culicidae). *J. Appl. Biosci.*, **35(1)**: 7-12.
2. **Bhinder, P.** and Chaudhry, A. (2011). Genotoxicity evaluation of pesticide profenofos by applying dominant lethal test on *Culex quinquefasciatus*. *J. Appl. & Nat. Sci.*, **3(2)**: 224-227.
3. **Bhinder, P.**, Chaudhry, A., Barna, B. and Kaur, S. (2012). Imidacloprid and thiamethoxam induced mutations in internal transcribed spacer 2 (ITS2) of *Anopheles stephensi*. *Toxicology International*, **19(1)**. **(In press)**.
4. **Bhinder, P.**, Chaudhry, A. and Soni, A. (2012). Nimbecidine induced gene mutations in internal transcribed spacers 1 and 2 of *Anopheles stephensi*. *J. Appl. & Nat. Sci.*, **4(1)**. **(In press)**.
5. Chaudhry, A., **Bhinder, P.**, Kumar, R. and Kaur, R. (2012). Evaluation of the mutagenic potential of propoxur and methyl parathion using polytene chromosomes of *Anopheles stephensi*. *J. Appl. & Nat. Sci.*, **4(1)**. **(In press)**.
6. Chaudhry, A., **Bhinder, P.**, Kumar, R. and Kaur, R. Studies on propoxur and methyl parathion induced dominant lethality using *Culex quinquefasciatus*. *Journal of Environmental Biology*, **(Accepted)**.
7. **Bhinder, P.** and Chaudhry, A. Evaluation of genotoxic potential of acephate and chlorpyrifos by dominant lethal test on *Culex quinquefasciatus*. *Journal of Environmental Biology*, **(Accepted)**.

Abstracts

1. Chaudhry, A., **Bhinder, P.** and Kaur, R. (2008). r-DNA-ITS 1 & 2 genes, polytene chromosomes and dominant lethal test based genotoxicity assessment of cypermethrin using mosquito genome, *Proc. 2nd Chandigarh Science Congress*, Panjab University, Chandigarh, India. (**Poster presentation**).
2. **Bhinder, P.**, Chaudhry, A., Simme and Geeta (2009). PCR, polytene chromosomes and dominant lethal test based genotoxicity evaluation of monocrotophos using mosquito genome (Diptera: Culicidae), *Proc. 12th Punjab Science Congress*, Punjab Agricultural University, Ludhiana, Punjab, India, pp. 100. (**Poster presentation**).
3. **Bhinder, P.**, Chaudhry, A. and Barna, B. (2009). r-DNA-ITS 2, polytene chromosomes and dominant lethal test based genotoxicity assessment of two pesticides using mosquito genome, *Proc. International Conference on Entomology*, Punjabi University, Patiala, Punjab, India, pp. 154. (**Poster presentation**).
4. **Bhinder, P.**, Chaudhry, A., Simme and Ritu (2009). Pesticides alter DNA: Assessment of genotoxic potential of two insecticides using mosquito genome, *Proc. 3rd Chandigarh Science Congress*, Panjab University, Chandigarh, India. (**Poster presentation**).
5. **Bhinder, P.**, Chaudhry, A., Ritu and Kaur, R. (2009). Genotoxicity evaluation of endosulfan using mosquito genome, *Proc. 2nd National Symposium on Biodiversity: Cell & Molecular Biology*, Panjab University, Chandigarh, India, pp. 75. (**Poster presentation**).
6. **Bhinder, P.**, Chaudhry, A., Barna, B., Ritu and Simme (2010). Genotoxicity evaluation of four pesticides using mosquito genome, *Proc. 12th Punjab Science Congress*,

- Panjab University, Chandigarh, India, pp. 109. **(Poster presentation)**.
7. Chaudhry, A., Kumar, R. and **Bhinder, P.** (2010). Genotoxicity evaluation of propoxur using mosquito genome. *Proc. National Conference of Advances in Biological Sciences*” Department of Zoology, Panjab University, Chandigarh, India, pp. 3. **(Poster presentation)**.
 8. **Bhinder, P.**, Kumari, K., Kaura, T., and Chaudhry, A. (2010). Estimation of genotoxicity of Nimbecidine by studying polytene chromosomes of *Anopheles subpictus*, *Proc. National Conference on Environment Degradation and its Impact on Mankind*, Department of Zoology, Punjabi University, Patiala, Punjab, India, pp. 65. **(Oral presentation)**.
 9. **Bhinder, P.**, Chaudhry, A. and Chauhan, P. (2011). Evaluation of mutagenic potential of lindane by dominant lethal test on *Culex quinquefasciatus*. *Proc. National Seminar-cum-Workshop on Exploring New Vistas in Biodiversity Research for Sustainable Development*, Department of Zoology, Panjab University, Chandigarh, India, pp. 12. **(Oral presentation)**.
 10. **Bhinder, P.**, Chaudhry, A. and Kaur, A. (2011). Mutagenicity evaluation of dichlorvos by studying polytene chromosomes of *Anopheles subpictus*. *Proc. 14th Punjab Science Congress*, Sant Longowal Institute of Engineering and Technology, Sangrur, Punjab, India, pp. 45-46. **(Oral presentation)**.
 11. **Bhinder, P.**, Chaudhry, A. and Kaur, R. (2011). Dominant lethal test based genotoxicity evaluation of methyl parathion by using *Culex quinquefasciatus*. *Proc. 14th Punjab Science Congress*, Sant Longowal Institute of Engineering & Technology, Sangrur, Punjab, India, pp. 59.
 12. **Bhinder, P.**, Chaudhry, A, Aditi, Ritu and Simme. (2011). PCR, polytene chromosomes and dominant lethal test

- based genotoxicity assessment of four pesticides using mosquito genome. *Proc. 5th Chandigarh Science Congress*, Panjab University, Chandigarh, India. **(Oral presentation)**.
13. **Bhinder, P.**, Kaur, R. and Chaudhry, A. (2011). Genotoxicity evaluation of methyl parathion by studying polytene chromosomes of *Anopheles subpictus*. *Proc. 3rd Congress on Insect Science*, Panjab Agricultural University, Ludhiana, Punjab, India, pp. 236. **(Poster presentation)**.
14. **Bhinder, P.**, Kaur, A and Chaudhry, A. (2012). Assessment of mutagenic effects of dichlorvos by dominant lethal test on *Culex quinquefasciatus*. *Proc. 15th Punjab Science Congress*, Guru Nanak Dev University, Amritsar, Punjab, India, pp. 64.
15. **Bhinder, P.** and Chaudhry, A. (2012). PCR and DLT based genotoxicity assessment of pesticide chlorpyrifos using mosquito genome. *Proc. International Conference on Entomology*, Department of Zoology and Environmental Sciences, Punjabi University, Patiala, Punjab, India, pp. 141.

