

## **SURYA PRAKASH AMARACHINTHA**

### Home Address:

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### **EDUCATION:**

- ◆ Current study: Doctoral Program in Molecular Biology, BGSU, Ohio
- ◆ Masters Degree in Molecular Biology, 2005 – 2007, BGSU, Ohio
- ◆ Bachelors Degree in Veterinary Science and Animal Husbandry, 1999 - 2004 College of Veterinary Science, Tirupati, AP, INDIA.

### **ACCOMPLISHMENTS:**

- ◆ Award for one of the best poster presentation at XXII Annual Conference of Society of Toxicology and National Symposium on Environmental Pollution. 20-22<sup>nd</sup> December 2003, Chennai, INDIA.
- ◆ Two times team leader at All India veterinary inter-college table tennis and professional quiz competitions, Panthnagar, Uttar Pradesh, India. 2001 & 2002.

### **PROJECT GRANT:**

- ◆ Andhra Pradesh Council of Science and Technology (APCOST) funded student project entitled "Detection of Heavy Metal Pollution in and around Tirupati", March 2003. \$150.

### **PUBLICATION:**

- ◆ "Detection of Heavy Metal Pollution in and around Tirupati". *Society of Toxicology (STOX)*, India. Dec 2003.

## **WORK EXPERIENCE:**

- ◆ Graduate Teaching Assistant, Cell Biology (Biol-407), 2005 – 2007, BGSU, Ohio
- ◆ Veterinary Assistant Surgeon, Department of Animal Husbandry and Fisheries, Hyderabad, India, Oct 04 - Aug 05

## **CLASS PROJECTS & PORTFOLIOS (2005-2007):**

- ◆ Scanning Electron Microscope (SEM):

Portfolio: Applied techniques of SEM for various samples.

Project: Application of copper nano cubes on rat tracheal cells.

- ◆ Transmission Electron Microscope (TEM):

Portfolio: Applied techniques of TEM for various samples.

Project: Immuno cytochemistry, to trace Vinculin in transformed rat tracheal cells.

- ◆ Bioinformatics:

Course Work: Applied Bioinformatics tools to various data.

Project: Applied Bioinformatics tools to Protein Kinase C Epsilon.

- ◆ MALDI TOF-MS (Matrix assisted laser desorption ionisation Time of flight –

Mass spectrometry):

Masters research: Identifying phosphopeptides.

## **CLASS PRESENTATIONS (2005-2007):**

- ◆ Presentation and discussion of research papers related to cancer in Biol - 781.
- ◆ Poster presentations in TEM and SEM.
- ◆ Presentations in Advanced English speaking and listening class.

## **CONFERENCES ATTENDED:**

- ◆ Ohio Collaborative Conference on Bioinformatics (OCCBIO), 2007.
- ◆ Michigan Microscopy Meetings, 2005 and 2006.
- ◆ XXII Annual Conference of Society of Toxicology and National Symposium on Environmental Pollution, 20-22<sup>nd</sup> December 2003, Chennai, INDIA.