List of Publications


Book Chapters Published-


   Chapter title: Bioavailability Enhancement and Brain Targeting of Curcumin: A Potential Antitumour Agent.


   Chapter title: Sesamol loaded solid lipid nanoparticles for the control and cure of skin cancers.
Publications

**Patent Application**-


**Presentations**-


   Vandita Kakkar, Indu Pal Kaur, Neena Basra, Kanwaljit Chopra and Arshdeep Kaur; Use of Solid lipid nanoparticles as an effective delivery system for brain targeting.

2. **IInd Chandigarh Science Congress on Science and Technology for the Empowering India by Scientific Integration, Innovation and Invention 14-15 March, 2008** at Panjab University, Chandigarh.

   Vandita Kakkar, Neena Basra, Indu Pal Kaur; Solid lipid nanoparticles for brain targeting of antioxidant molecules.

3. **AICTE Sponsered National Seminar on Nano-Colloidal Carriers: Site Specific and Controlled Drug Delivery, 10-11 October, 2008** at ISF College of Pharmacy, Moga, Punjab, India.

   Shilpa Kakkar, Neena Basra, Vandita Kakkar and Indu Pal Kaur, Brain Targeting of Curcumin using Solid Lipid Nanoparticulate.

4. **2nd summer school on Nanotechnology In Advanced Drug Delivery held at NIPER, Mohali, India dated August 10 to 14, 2009.**

   Vandita Kakkar, Indu Pal Kaur; Sesamol Loaded Solid Lipid Nanoparticles: A novel therapeutic neurotropic.

5. **4th International Conference on Polyphenols and Health (ICPH2009) held at Yorkshire, UK from 7-10 December, 2009**
Vandita Kakkar, Indu Pal Kaur, Role of a Novel Carrier System of Polyphenolic Lignan Sesamol in Menopause Related Biochemical and Behavioral Paradigms.

Received Young Investigator award for the same.

Indu Pal Kaur, Vandita Kakkar, Bioavailability enhancement of polyphenolic compound curcumin using solid lipid nanoparticles

6. 61st Indian Pharmaceutical Congress held at Ahmedabad, 2009 on Building Trust in Safety and Efficacy of Medicines.


7. XXXVth Annual Conference of Environmental Mutagen Society of India (EMSI) & International Symposium on “Mutagens and Genetic Diversity for Health and Agriculture” held at Panjab University, Chandigarh, India from March 12-14, 2010.

Vandita Kakkar, Indu Pal Kaur, Development of Antioxidant Molecules as Anticancer Agents: A Journey from Identifying the Biological Activity to Developing an Effective Delivery System.* Best Oral Presentation Award for the same.

8. 42nd Annual Conference of Society of Nuclear Medicine-India (SNMICON2010) held at Department of Nuclear Medicine at the Postgraduate Institute of Medical Education & Research (PGIMER), Chandigarh, India from November 11-14, 2010. Presented a poster Vandita Kakkar, Anil Mishra, Krishna Chuttani, Kanwaljit Chopra, Indu Pal Kaur. Delivery of sesamol to brain for the treatment of menopause related CNS derangements” at the same.

Publications

Nanoparticles of Curcumin to Enhance Its Oral Bioavailability Kakkar Vandita, Singh Sukhjit, Singla Dinesh, Kaur Indu Pal *Best Second Poster Award for the same.

ACHIEVEMENTS:

1) Awarded “Dr P. D. Sethi Annual certificate of Merit for Best Paper in Pharmaceutical Analysis” 2010 for a research paper titled ‘Pharmacokinetic Applicability of a Validated LC/MS/MS Method for Orally Administered Curcumin Loaded Solid Lipid Nanoparticles’.

2) Received Best Second Poster Award at Biennial International Conference On Drug Discovery From Natural Products And Traditional Medicines (DDNPTM-2010) held from 20 November to 24 November, 2010 at National Institute of Pharmaceutical Education and Research (NIPER), SAS Nagar, Mohali, Punjab for poster titled “Developing Solid Lipid Nanoparticles of Curcumin to Enhance Its Oral Bioavailability”.

3) Received Best Oral Presentation Award for research Work entitled, “Development of Antioxidant Molecules as Anticancer Agents: A Journey from Identifying the Biological Activity to Developing an Effective Delivery System” presented at XXXVth Annual Conference of Environmental Mutagen Society of India (EMSI) & International Symposium on “Mutagens and Genetic Diversity for Health and Agriculture” held at Panjab University, Chandigarh, India from March 12-14, 2010.

4) Young Investigator award based on the abstract of the research work entitled, “Role of A Novel Carrier System of Polyphenolic Lignan Sesamol in Menopause Related Biochemical And Behavioral Paradigms” submitted for the 4th International Conference on Polyphenols and Health (ICPH2009) held at Yorkshire, UK from 7-10 December, 2009.