

Vipra Kundoor

Education Summary

- August 2006 to present, University of Maryland at Baltimore, Ph.D. in Pharmaceutical Sciences with major focus on Pharmaceutics and Drug Delivery Technology (Aerosols) supervised by Dr. Richard N. Dalby.
- August 2004 to August 2006, South Dakota State University, Brookings, M.S. in Pharmaceutical Sciences with major in Pharmacology under the supervision of Dr. Chandradhar Dwivedi.
- February 2000 to March 2004, Kakatiya University, Warangal (INDIA) graduated with B.S. (Pharmacy) with First Class (Distinction).

Employment Summary

- June 2007 to present, Graduate Research Assistant, University of Maryland at Baltimore. Assessment of nasal spray deposition in a nose model using colorimetric techniques.
- August 2006 to June 2007, Graduate Teaching Assistant (Pharmaceutics and Pharmaceutical Compounding lab courses), University of Maryland at Baltimore.
- June 2005 to June 2006, Graduate Research Assistant, South Dakota State University, Brookings. Chemopreventive effects of sarcophine-triol on skin tumor development in CD-1 and SKH-1 mice.
- August 2004 to June 2005, Graduate Teaching Assistant (Biology Lab), South Dakota State University, Brookings.
- May 2003 – June 2003, Summer Intern, Natco Pharmaceuticals, Warangal (INDIA).

Research Skills

In *in vivo* animal experiments, Cell culture techniques, HPLC, NMR, UV-VIS spectrometry, GC-Mass spectroscopy, Radiometric assays (ODC and DNA), Protein extraction, Protein assays, Gel electrophoresis, SDS-PAGE Western blot analysis, RNA extraction, RT-PCR, Immuno-histochemistry techniques, Micro imaging techniques.

Computer Skills

Microsoft Office (Word, Excel and PowerPoint), Adobe Photoshop.

Publications

- **Kundoor V**, Zhang X, Khalifa S, Fahmy H, Dwivedi C. A possible mechanism of the chemopreventive effects of sarcotriol on skin tumor development in CD-1 mice. *Marine drugs*, 2006, 4: 274-285.

Abstracts

- **Kundoor V**, Dalby R. Assessment of nasal spray deposition in a nose model using colorimetric techniques. American Association of Pharmaceutical Scientists-Philadelphia Pharmaceutical Forum Poster Night 2007, Ambler, PA.

- **Kundoor V**, Hesham F, Dwivedi C. Chemopreventive effects of sarcophine-triol on skin tumor development in CD-1 and SKH-1 mice, Fifteenth Annual Pharmacy Research Presentation, Rho Chi Honor Society, October 2005, Brookings, SD
- Reddy A, **Kundoor V**, Bremmon K, Dwivedi C, Matthees D. Chemopreventive effects of flaxseed meal on DMBA induced TPA promoted skin cancer in sencar mice, Fifteenth Annual Pharmacy Research Presentation, Rho Chi Honor Society, October 2005, Brookings, SD
- Zhang X, **Kundoor V**, Dwivedi C. Chemopreventive effects of sarcophine-diol on skin tumor development in CD-1 and SKH-1 mice, Fifteenth Annual Pharmacy Research Presentation, Rho Chi Honor Society, October 2005, Brookings, SD
- **Kundoor V**, Dwivedi C. Chemopreventive effects of sarcophine-triol on skin tumor development in CD-1 mice, SD-EPSCOR, September 2005, Brookings, SD
- Zhang X, **Kundoor V**, Hesham F, Dwivedi C. Chemopreventive effects of sarcophine-diol on skin tumor development in CD-1 mice, SD-EPSCOR, September 2005, Brookings, SD

Honors and Awards

- University 5th ranked at undergraduate level, B. Pharmacy.
- Narahari award presented for being High School academic topper.

Organizations

- Indian Association, University of Maryland: Treasurer (January 2007-present).
- American Association of Pharmaceutical Scientists (AAPS): Secretary and Treasurer of South Dakota State University-AAPS student chapter (2005-2006).
- American Association of Cancer Research (Associate member)
- Sigma Xi Honor Society
- Pharmacy Council of Andhra Pradesh