TRANSLATIONAL BIOMEDICAL RESEARCH SEMINAR SERIES

Nitric oxide and cancer: an overview from the chemical perspective from toxicology to signal transduction

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Ever since the discovery more than 20 years ago that nitric oxide and nitrogen oxides play both positive and negative roles in cancer biology, biomedical research in this area has exploded. However, we are now just starting to understand how the chemistry and the timing of specific reactions influence the biology. By examining different signal transduction mechanisms, biochemical modification, and toxicological responses regarding concentration and redox environment, we can provide a quantitative picture where NO and nitrogen oxides can have pro-and-anti carcinogenic effects.

February 19, 2007
Monday, Noon

Small Animal Clinic Auditorium (SAC 80)
1008 West Hazelwood Drive
College of Veterinary Medicine

COLLEGE OF VETERINARY MEDICINE
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

The Translational Biomedical Research Seminar Series at the University of Illinois College of Veterinary Medicine highlights fundamental research discoveries with potential to be directly translated into impacting human and animal health and society.

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