



# Translational Medicine and Applied Biotechnology Workshop

## HORIZONS IN PLASMA MEDICINE

*Saturday, April 18<sup>th</sup>, 2009*

*Location: New College Building, Geary Auditorium A, Center City Campus, DUCOM*



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- 8:30 – 9:00**     ***Continental Breakfast and Poster Setup***
- 9:00 – 9:15**     **Introductory Remarks: Kenny Simansky, PhD, Interim Vice Provost for Research, Drexel University, Vice Dean for Research, Drexel University College of Medicine**
- 9:15 – 10:00**     **Gary Friedman, PhD, COE – *“Interaction of Non-thermal Plasma with Living Systems: an Overview”***
- 10:00 – 10:30**     **Jane Clifford, PhD, COM – *“Effects of Non-thermal Plasma on Mammalian Cells through Generation of Reactive Oxygen Species”***
- 10:30 – 10:45**     **Break**
- 10:45 – 11:15**     **Greg Fridman, PhD, BIOMED – *“Atmospheric Pressure Plasma Sources: Overview and Applications”***
- 11:15 – 11:45**     **Sree Murthy, PhD, COM – *“In Vivo Application of Cold Plasma in Mice”***
- 11:45 – 12:00**     **Rich Hamilton, MD, COM – *“Plasma Medicine Possibilities: Clinical Applications in Development”***
- 12:00 – 1:00**     **Lunch**
- 1:00 – 1:30**     **Alexander Friedman, PhD, COE – *“Plasma in Biology and Medicine”***
- 1:30 – 2:00**     **Alisa Morss Clyne, PhD, COE – *“Plasma Treatment for Growth and Regression of Blood Vessels”***
- 2:00 – 2:15**     **Break**
- 2:15 – 2:45**     **Ari Brooks, MD, COM – *“Plasma: in Vivo Toxicity Data”***
- 2:45 – 3:15**     **Young Cho, PhD, COE – *“Sterilization of Water Using Spark Discharge and Other Applications”***
- 3:15**     **Closing remarks. Reception and poster presentations to follow. Please register for this free event at [research@drexelmed.edu](mailto:research@drexelmed.edu) by April 1, 2009. Lunch will be provided. Please contact Dr. Noreen Robertson @215.762.4889 for additional information. This workshop is sponsored by the Office of the Vice Dean for Research, College of Medicine and Office of the Vice Provost for Research, Drexel University.**