

8th International Workshop on Plasma for Cancer Treatment

March 13 – 15, 2023

North Carolina State University, Raleigh, North Carolina



Minicourse: Plasma & Cancer, Monday, March 13, 2023

Chair:

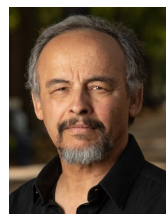


Dr. K. Stapelmann

Organizers:



Dr. V. Miller



Dr. M. Laroussi



Dr. A. Bogaerts

Program:

- 9:00 **WELCOME** Dr. Katharina Stapelmann
- BASIC PRINCIPLES
- 9:15 Plasma-induced cellular changes – cancer cells vs. normal cells
 Dr. Angela Privat Moldonado, *University of Antwerp, Antwerp, **Belgium***
- 10:00 Plasma treatment of cancers – ablation vs. immunotherapy
 Dr. Sander Bekeschus, *INP, Greifswald, **Germany***
- 10:45 COFFEE BREAK**
- METHODS OF APPLICATION
- 11:15 Plasma devices as a controllable source of RONS delivery for cancer treatment
 Dr. Ali Mesbah, *University of California, Berkeley, **USA***
- 12:00 Indirect plasma application
 Cristina Canal, PhD, *Universitat Politècnica de Catalunya, Barcelona, **Spain***
- 12:45 LUNCH**
- CLINICAL PERSPECTIVE
- 13:45 Plasma for oncotherapy – road to the clinic
 Dr. Audrey Glory, *Montreal Cancer Institute, Montreal, **Canada***
- 14:30 Lessons from clinical experience with treatment of precancerous lesions with plasma
 Dr. Peter Friedman, *The Skin Center Dermatology Group, New City, NY, **USA***
 *Dept. Dermatology, Columbia University, NY, NY, **USA***
- 15:15 COFFEE BREAK**
- 15:45 PANEL DISCUSSION
- 17:00 **FINAL REMARKS** Dr. Katharina Stapelmann