

Status Seminar ZIK *plasmatis*
29 October 2019 – 09.30 to 13.00
INP Greifswald, Felix-Hausdorff-Str. 2, 17489 Greifswald

Scientific Results and Outlook of the ZIK *plasmatis*

09.30 *Get together*

10.00 *Opening*

Prof. Dr. Klaus-Dieter Weltmann (ZIK Mentor; Director INP)

Junior Research Group “Plasma Redox Effects”

10.15 „ROS for health: Plasma cancer treatment“, Dr. Sander Bekešchus

10.35 „Plasma-conditioned liquids: role in oncology?“, Eric Freund

10.45 „Plasmas as modifiers of immunogenicity“, Ramona Clemen

Junior Research Group “Plasma Liquid Effects”

10.55 „From Model Systems to Application - Progress in Plasma Liquid Chemistry“, Dr. Kristian Wende

11.15 „Oxidation or Nitration - Biomolecules for Understanding Plasma Liquid Interactions“, Dr. Jan-Wilm Lackmann

11.25 “CAP related lipid oxidation in skin and blood – is there a link to effectivity?”, Johanna Striesow

11.35 *Lunch Break*

Research Group „Plasma Source Concepts”

12.15 „Impact of dielectrics and their properties on the plasma discharge, power consumption and reactive species densities.“, Dr. Torsten Gerling

Research Group „Plasma Woundhealing”

12.40 „The Effect of Cold Atmospheric Pressure Plasma (CAP) on Cell Migratory Behaviors and Molecular Markers of Wound Healing Machinery“, Debarati Shome

13.00 *Closing Status Seminar*

Prof. Dr. Klaus-Dieter Weltmann

For our planning, we kindly ask for a short feedback until 14 October 2019 whether you will participate in our status seminar.

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