

## Symposium Plasma in Biology and Medicine (SYMP)

jointly organized by  
the Plasma Physics Division (P) and  
the Short Time-scale Physics Division (K)

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### Overview of Invited Talks and Sessions

(lecture room A 001)

#### Invited Talks

SYMP 1.1	We	14:00–14:30	A 001	<b>Cold atmospheric argon plasma significantly decreases bacterial load of chronic wounds in patients</b> — •GEORG ISBARY, WILHELM STOLZ, HANS-ULRICH SCHMIDT, TETSUJI SHIMIZU, BERND STEFFES, JULIA ZIMMERMANN, TETYANA NOSENKO, WOLFRAM BUNK, ROBERTO MONETTI, GREGOR MORFILL
SYMP 1.2	We	14:30–15:00	A 001	<b>Cold atmospheric plasma jet for potential dentistry use</b> — •AXEL SCHINDLER, ANTJE LEHMANN, STEFAN RUPF, MATTHIAS HANNIG
SYMP 1.3	We	15:00–15:30	A 001	<b>Risk Assessment of the Application of a Plasma-Jet in Dermatology</b> — •JÜRGEN LADEMANN, HEIKE RICHTER, ALEXA PATZELT, AXEL KRAMER, PETER HINZ, KLAUS-DIETER WELTMANN, BERND HARTMANN, NILS-OLAF HÜBNER, OLAF LADEMANN
SYMP 1.4	We	15:30–16:00	A 001	<b>Plasmachemical Processes for Bioactive Titanium Implant Surfaces</b> — •KARSTEN SCHRÖDER, MARTIN POLAK, BIRGIT FINKE, ANDREAS OHL, INA KOBAN, THOMAS KOCHER, BARBARA NEBE, RAINER BADER, GEROLD LUKOWSKI, MICHAEL SCHLOSSER, KLAUS-DIETER WELTMANN
SYMP 1.5	We	16:30–17:00	A 001	<b>Pulsed electric field degrades melanoma cells</b> — •UWE PLIQUETT, RICHARD NUCHITELLI
SYMP 1.6	We	17:00–17:30	A 001	<b>Pulsed electric field application as a cell disintegration and decontamination technique for food-, bio- and environmental engineering</b> — •VOLKER HEINZ, STEFAN TOEPFL
SYMP 1.7	We	17:30–18:00	A 001	<b>Effects of Microsecond- and Nanosecond-Pulsed-Electric-Fields on Plant Cells</b> — •THOMAS BERGHÖFER, BIANCA FLICKINGER, CHRISTIAN EING, MARTIN SACK, PETRA HOHENBERGER, PETER NICK, MICHAEL PACHER, HOLGER PUCHTA, WOLFGANG FREY
SYMP 1.8	We	18:00–18:30	A 001	<b>Electrochemotherapy - An efficient electroporation based tumor treatment</b> — •DAMIJAN MIKLAVCIC

#### Sessions

SYMP 1.1–1.8	We	14:00–18:30	A 001	<b>Plasma in Biology and Medicine (SYMP)</b>
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