
[TuB2] Plasma Liquid Interactions, Plasma Activated Liquids

Date / Time August 3 (Tue.), 2021 / 16:20-17:45**Channel** Channel B**Session Chair** Prof. Zdenko Machala (Comenius Univ. In Bratislava, Slovakia)

TuB2-1**16:20-16:45****[Invited]****The Use of Plasma Activated Water in a Mouse Model of Colitis**

Roman Gardlik, Maria Suchonova, Lubomira Tothova, Barbora Konecna, Michal Pastorek, Barbora Gromova, Slavomir Pasztor, Jaroslav Budis, Jan Radvanszky, and Zdenko Machala
Comenius Univ., Slovakia

TuB2-2**16:45-17:00****Plasma Directly Generated in Liquids as an Innovative Method to Treat Cancer**

Parisa Shali, Rouba Ghobeira, Olivier De Wever, Rino Morent, and Nathalie De Geyter
Ghent Univ., Belgium

TuB2-4**17:00-17:15****Oxychlorine Chemistry in Plasma Treated Saline Solutions**

Petr Lukes and Vit Jirasek
Czech Academy of Sciences, Czech Republic

TuB2-5**17:15-17:30****Reactions of Plasma-Generated Atomic Oxygen with Phenol Solutions**

Kerstin Sgonina¹, Giuliana Bruno², Stefan Wyprich¹, Kristian Wende², and Jan Benedikt¹
¹Kiel Univ., Germany, ²Leibniz Inst. for Plasma Science and Tech., Germany

TuB2-3**17:30-17:45****Cell Electroporation Enhancement by Non-Thermal-Plasma-Treated PBS**

Thai-Hoa Chung¹, Augusto Stancampiano², Kyriakos Sklias¹, Kristaq Gazeli¹, Franck M. André¹, Sébastien Dozias², Claire Douat², Jean-Michel Pouvesle², João Santos Sousa¹, Éric Robert², and Lluís M. Mir¹
¹Université Paris-Saclay, France, ²CNRS/Université d'Orléans
