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**[TuB1] Plasma-surface Interactions/Modifications for Biomedical Applications**

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**Date / Time** August 3 (Tue.), 2021 / 14:40-16:00**Channel** Channel B**Session Chair** Prof. Jae-Sung Kwon (Yonsei Univ., Korea)**TuB1-1****14:40-15:05****[Invited]****Plasma Synthesis of Metal Nanoparticle-Loaded Polymer Films with Controlled Ion Release for Antibacterial Applications**Andrei Choukourov, Daniil Nikitin, Pavel Pleskunov, Jiří Kratochvíl, Jan Hanuš, Ondřej Kylián, and Hynek Biederman  
*Charles Univ., Czech Republic***TuB1-2****15:05-15:30****[Invited]****Atmospheric Pressure Plasma Processing of Biomaterials**V. Colombo, M. Gherardi, A. Liguori, M. L. Focarete, T. Galligani, F. Barletta, R. Laurita, F. Capelli, A. Bisag, and G. Laghi  
*Alma Mater Studiorum-Università di Bologna, Italy***TuB1-3****15:30-15:45****Cell Behavior on Plasma-chemically Prepared "Amine-glue" Surfaces**Martina Buchtelová<sup>1</sup>, Lucie Blahová<sup>1</sup>, Jiřina Medalová<sup>2</sup>, Petra Černochová<sup>2</sup>, David Nečas<sup>1</sup>, and Lenka Zajíčková<sup>1,2</sup>  
*<sup>1</sup>CEITEC - Central European Inst. of Tech., Czech Republic, <sup>2</sup>Masaryk Univ., Czech Republic***TuB1-4****15:45-16:00****Atmospheric Pressure PECVD Fluorinated Silane Coatings for Antimicrobial Applications**Giulia Laghi<sup>1</sup>, Sabrina Conoci<sup>2</sup>, Francesco Traina<sup>2</sup>, Vittorio Colombo<sup>1,3</sup>, and Matteo Gherardi<sup>1,3</sup>  
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