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INTERNATIONAL SOCIETY
FOR • PLASMA • MEDICINE

Bratislava - Slovakia
September 4-9, 2016

6th international conference
on plasma medicine



Design : Linda JEFFRAUIT - CNRS France

associated with
1st Summer School on Plasma Medicine
September 1-3, 2016



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- medical treatment with discharge plasmas
- biological reactions to gas plasmas or plasma-treated media/surfaces
- plasma-based sterilization/decontamination
- agricultural applications of plasmas
- pharmaceutical applications of plasmas
- plasma-based surface modification for medical/biological applications
- biochemical/biomolecular engineering with plasmas
- fundamentals of atmospheric pressure plasmas
- plasma-surface interactions for biomedical applications
- plasma sources for biomedical applications
- plasma and liquid diagnostics and sensors
- modeling and numerical simulation

Plasma Medicine is a new, rapidly growing field that poses many technological challenges and brings to the forefront fundamental questions on the mechanisms of interaction between living organisms and gas plasmas. The conference creates a forum bringing together professionals from the fields of plasma physics, medicine, biology, and biochemistry in order to develop a common language, to better define key challenges and open questions, and to move toward effective solutions.

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