

# **Special Issue: Plasma Medicine 4<sup>th</sup> International Conference on Plasma Medicine (ICPM-4) Orleans, France, June 17–21, 2012.**

## *Guest Editors*

*Eric Robert and Jean-Michel Pouvesle*

## **FOREWORD**

As the Guest Editors for this special issue we are pleased to provide the research activities devoted to the emerging field of Plasma Medicine. Researchers from very different backgrounds, covered all specialties, including plasma physics, biology, biochemistry, medicine, pharmacy and engineering. Each of these disciplines are required to achieve significant progress in the five relevant topics for Plasma Medicine: “Plasma cell and plasma tissue interaction”, “Medical aspects and results of plasma in use”, “Plasma sources for medicine”, “Plasma surface modification for biomedical applications”, and “Plasma based sterilization or decontamination”. The design, matching, optimization and diagnostics of atmospheric pressure plasma sources for various biomedical applications were addressed. The presentations during the 4th ICPM Conference provided new insights and comprehensive analysis on the development of non-thermal plasma sources and their applications for biomedical applications.

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