

Podiumsdiskussion: Plasmamedizin in Deutschland und den USA: Herausforderungen und Möglichkeiten

02.12.2010

Ankündigung (englischsprachig) einer Podiumsdiskussion, bei der der Status, die Perspektiven und die Herausforderungen der Plasmamedizin in Deutschland und den USA diskutiert werde. Die Veranstaltung findet am 8. Dezember in New York statt.

On December 8, experts from the Leibniz Institute for Plasma Science and Technology (INP Greifswald), Drexel University, and NYU College of Dentistry will discuss the status, perspectives and challenges of plasma medicine in Germany and the U.S.

The German Center for Research and Innovation (GCRI) will host a panel discussion on the emerging research field of plasma medicine on Wednesday, December 8, from 6:30 to 8:30 p.m., at the German House New York (871 United Nations Plaza, First Avenue, btw. 48th & 49th Streets).

Plasma medicine is an emerging field of research which aims to understand and utilize the interaction of plasmas with living tissue and cells. Practical applications of plasma medicine currently being investigated include, among others: inducing rapid blood coagulation; killing bacteria, sterilizing wounds, medical instruments, and implants; and selectively modifying living cells and tissue. A panel of German and U.S. experts from the Leibniz Institute for Plasma Science and Technology (INP Greifswald), Drexel University and the NYU College of Dentistry will discuss this interdisciplinary field that is beginning to have an increased impact on health care. The panel will be moderated by Prof. Kurt Becker, Associate Provost for Research & Technology Initiatives and Professor of Physics at NYU-Polytechnic Institute. Nadja Dahlhaus, INP Greifswald, will introduce the largest German research cluster for plasma medicine, "Campus PlasmaMed." Prof. Gary Friedman, Drexel University, will speak about plasma medicine research at Drexel University. Dr. Van Thompson, NYU College of Dentistry, will discuss plasma in dental applications. Prof. Alexander Friedman, Drexel University, and Prof. Klaus-Dieter Weltmann, INP Greifswald, will address the status, perspectives, and challenges of plasma medicine on both sides of the Atlantic.

The German Center for Research and Innovation, which opened in February 2010, provides information and support for the realization of cooperative and collaborative projects between North America and Germany in the humanities, science, and technology. With the goal of enhancing communication on the critical challenges of the 21st century, GCRI hosts a wide range of events from lectures and exhibitions to workshops and science dinners. Launched as a cornerstone of the German government's initiative to internationalize science and research, it is one of five centers worldwide.

The GCRI website, www.germaninnovation.org, will be launched soon.

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