

P450 Biodiversity and Biotechnology: Home

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October 3-7, 2010

Dear Friends and Colleagues,

The United Nations has declared 2010 to be the International Year of Biodiversity! The 10th International Symposium on Cytochrome P450 Biodiversity and Biotechnology will be held in Woods Hole from the 3rd to 7th of October, 2010. It will be from late afternoon on Sunday through the afternoon of Thursday. This marks the return of this international symposium to Woods Hole, where it was held in 1995. The Symposium will be held in the conference facilities of the Marine Biological Laboratory, located in the seaside village of Woods Hole on the Cape Cod peninsula. Free time to visit the area's attractions is planned for afternoon of Wednesday the 6th, followed by the traditional Symposium banquet.



The Symposium follows the tradition of previous meetings (Nice, Swansea, Awaji Island, Los Angeles, Copenhagen, Strasbourg...) of this international community that brings together researchers and students from diverse disciplines who study cytochromes P450. New uses for new P450 enzymes discovered or created are actively sought due to the diversity of their catalytic repertoire. New insights in genome evolution are provided by the study of the large CYP gene family. This symposium tries to catch the excitement of these developments in P450 research, and you are cordially invited to participate and contribute your research to the Symposium.

The overall goal of this 10th Symposium is to foster a synthesis of understanding of cytochrome P450 (CYP) structural and functional evolution, and new directions in application of this knowledge in environmental assessment, remediation, and synthesis of new potential drugs. Sessions in this meeting include evolutionary and mechanistic comparisons among available P450 structures, functional comparisons among microbial, insect and plant P450s in synthetic and detoxification pathways, as well as bioengineering of P450 catalytic sites for technological and environmental applications.

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Update

Thank you all for an excellent symposium. The location and date of the next Biodiversity and Biotechnology symposium site will be posted in the next months.

The final program is available both in text form and as a PDF.

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