JOHN P. MCGOVERN LECTURESHIP IN BIOMEDICAL COMPUTING AND IMAGING

Plant Transfection by *Agrobacterium tumefaciens*

The story of a virulent helical DNA/protein complex that is transported through the plant nuclear pore

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Agrobacterium tumefaciens provides a fascinating example of inter-kingdom DNA transfer from bacteria to plants. Plants are infected by a virulent ssDNA strand which traverses the nuclear pore complex. Structural studies from 3D electron microscopy and small-angle X-ray scattering of this transport machinery will be presented.

Sharon Wolf (B. A. University of California, Santa Cruz) received her Ph.D. from the Weizmann Institute of Science in 1991. She returned to California as Alexander Hollaender Distinguished Postdoctoral Fellow (U.S. Department of Energy) at Lawrence Berkeley National Laboratory. In 1997 Sharon Wolf re-joined the Weizmann Institute as a staff scientist. The focus of her research activities is to understand the molecular basis of allosteric transitions in proteins and how they relate to their function.

Drinks and snacks complimentary

DATE: **Thursday, February 17, 2005**
TIME: **4:00PM – 5:30PM**
PLACE: **Trevisio Restaurant, 6th floor,**
John P. McGovern Medical Center Commons,
6550 Bertner Ave., Houston, TX 77030

Parking in the Commons will be validated by Trevisio Restaurant
For information contact Dr. Yao Cong at 713.500.3981

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