Chinese Academy of Sciences

Key Lab for Biomedical Effects of Nanomaterials and Nanosafety

中科院纳米生物效应与安全性重点实验室

Nanosafety Lab. CAS

学术报告通知

CAS NS Forum (NO. 360)

演讲者：Prof. Paul S. Weiss

UC Presidential Chair

Distinguished Professor of Chemistry & Biochemistry, Bioengineering

Distinguished Professor of Materials Science & Engineering

California NanoSystems Institute

University of California, Los Angeles, CA 90095, USA

题　目：Translating Nanotechnology Advances in Biotechnology, Medicine, and Sustainability

时　间: 2023年5月20日 (星期六)　下午14:30

地　点: 国家纳米科学中心，南楼二层　多功能厅

主持人：陈春英 研究员

简介:

Paul S. Weiss is a nanoscientist and holds a UC Presidential Chair and is a distinguished professor of chemistry & biochemistry, bioengineering, and materials science & engineering at UCLA, where he was previously director of the California NanoSystems Institute. He currently holds visiting appointments at Harvard's Wyss Institute and several universities in Australia, China, India, and South Korea. He studies the ultimate limits of miniaturization, developing and applying new tools and methods for atomic-resolution and spectroscopic imaging and patterning of chemical functionality. He and his group apply these advances in other areas including neuroscience, microbiome studies, tissue engineering, cellular agriculture, and high-throughput gene editing. He led, coauthored, and published the technology roadmaps for the BRAIN Initiative and the U.S. Microbiome Initiative. He was the founding editor-in-chief of ACS Nano and served in that role from 2007–2021. He has won a number of awards in science, engineering, teaching, publishing, and communications. He is a fellow of the American Academy of Arts and Sciences, American Association for the Advancement of Science, American Chemical Society, American Institute for Medical and Biological Engineering, American Physical Society, American Vacuum Society, Canadian Academy of Engineering, IEEE, Materials Research Society, and an honorary fellow of the Chinese Chemical Society and Chemical Research Society of India.

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