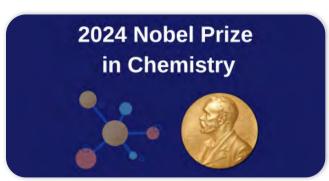


# FEATURED ARTICLES



#### Revolutionising **Protein Science**



The prestigious prize was awarded to Prof David Baker for computational protein design and jointly to Sir Demis Hassabis and Dr John Jumper for protein structure prediction. Their contributions pave the way for an Al revolution in protein science, enabling faster, cost-effective drug discovery and treatments, and solutions to major global challenges.

Read more

## A Candid Conversation with Assistant Professor Prashant Kumar



Asst Prof Prashant Kumar (MSE), recipient of the 2024 MIT Technology Review Innovator Under 35 (Asia Pacific) award, shared insights on his research in drug discovery, nanotechnology, and computing. He also reflected on his academic journey, the challenges he overcame, and offered advice for aspiring researchers.

Read more

## **EVENT HIGHLIGHTS**



### **NTU Physics** Challenge



The annual NTU Physics Challenge brought together pre-university students for a day of engaging problem-solving, lectures, and hands-on demonstrations. Top performers received awards and nominations for the Global Young Scientists Summit, continuing the event's mission to inspire and nurture future leaders in science.

Read more

# **Topological Insights into Brain Connectivity**



Hess Bellwald Kathryn Switzerland) showed how algebraic topology can reveal structural patterns in neural networks. She highlighted the use of tools to simplify complex data and quantify network structures, offering new ways to interpret the brain's organisation from a biological perspective.

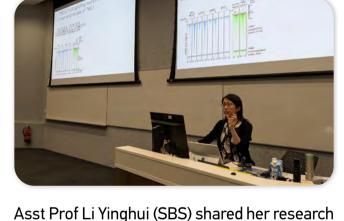
Read more

### **Revolutionising Blood Diagnostics** with Microfluidics



LKCMedicine) presented innovative microfluidic techniques like ExoARC and electro-mechano-phenotyping label-free diagnostics. His talk sparked lively discussions on real-world uses and the future of accessible, high-speed medical testing. Read more

#### **Uncovering Metastasis Drivers** in Breast Cancer



on how TWEAK/Fn14 signaling reshapes metabolism to drive triple-negative breast cancer (TNBC) metastasis. Using CRISPR and genomic tools, her work opens doors to new therapies and inspires further exploration in cancer research.

Read more

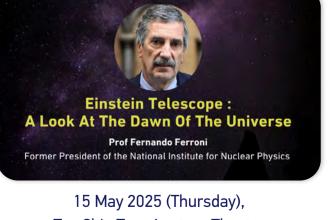
# **UPCOMING EVENTS**



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Tan Chin Tuan Lecture Theatre

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