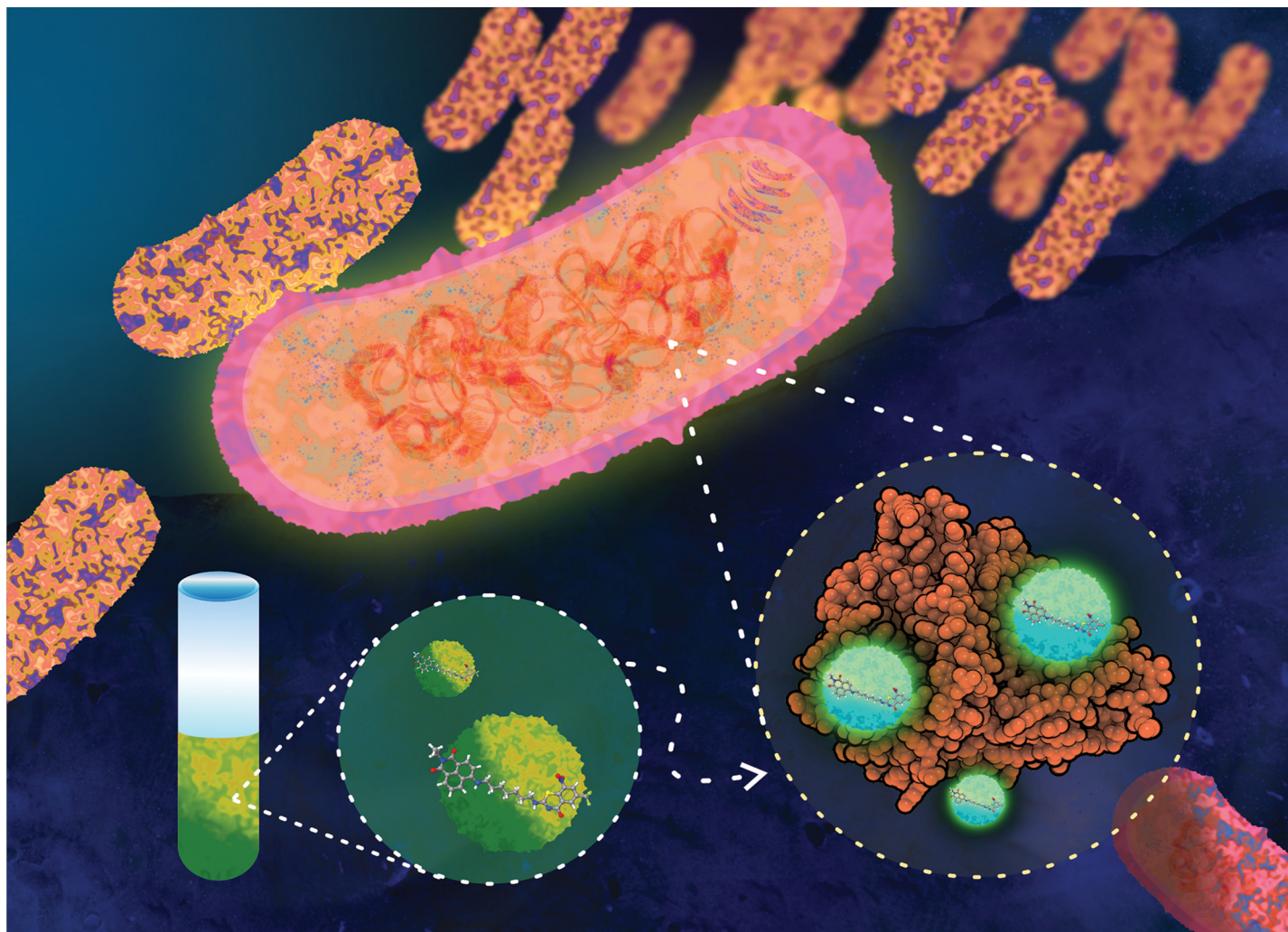


EES Solar

**Exceptional research on solar
energy and photovoltaics**

Part of the EES family

**Join
in** | Publish with us
rsc.li/EESolar



Showcasing research from Professor Raman Parkesh's laboratory, Division of Medicinal Chemistry & Infectious Diseases, CSIR-Institute of Microbial Technology, Chandigarh, India.

A dual-function probe for inhibition and rapid detection of *Mycobacterium tuberculosis*

A dual-function naphthalimide-based supramolecular sensor rapidly and specifically detects *Mycobacterium tuberculosis* by targeting DprE1 without requiring wash steps. It simultaneously inhibits bacterial growth, offering a promising theranostic platform for rapid TB diagnosis and treatment.

Image reproduced by permission of Raman Parkesh from *Chem. Commun.*, 2025, **61**, 12123.

As featured in:



See Sonali Chhabra and Raman Parkesh, *Chem. Commun.*, 2025, **61**, 12123.