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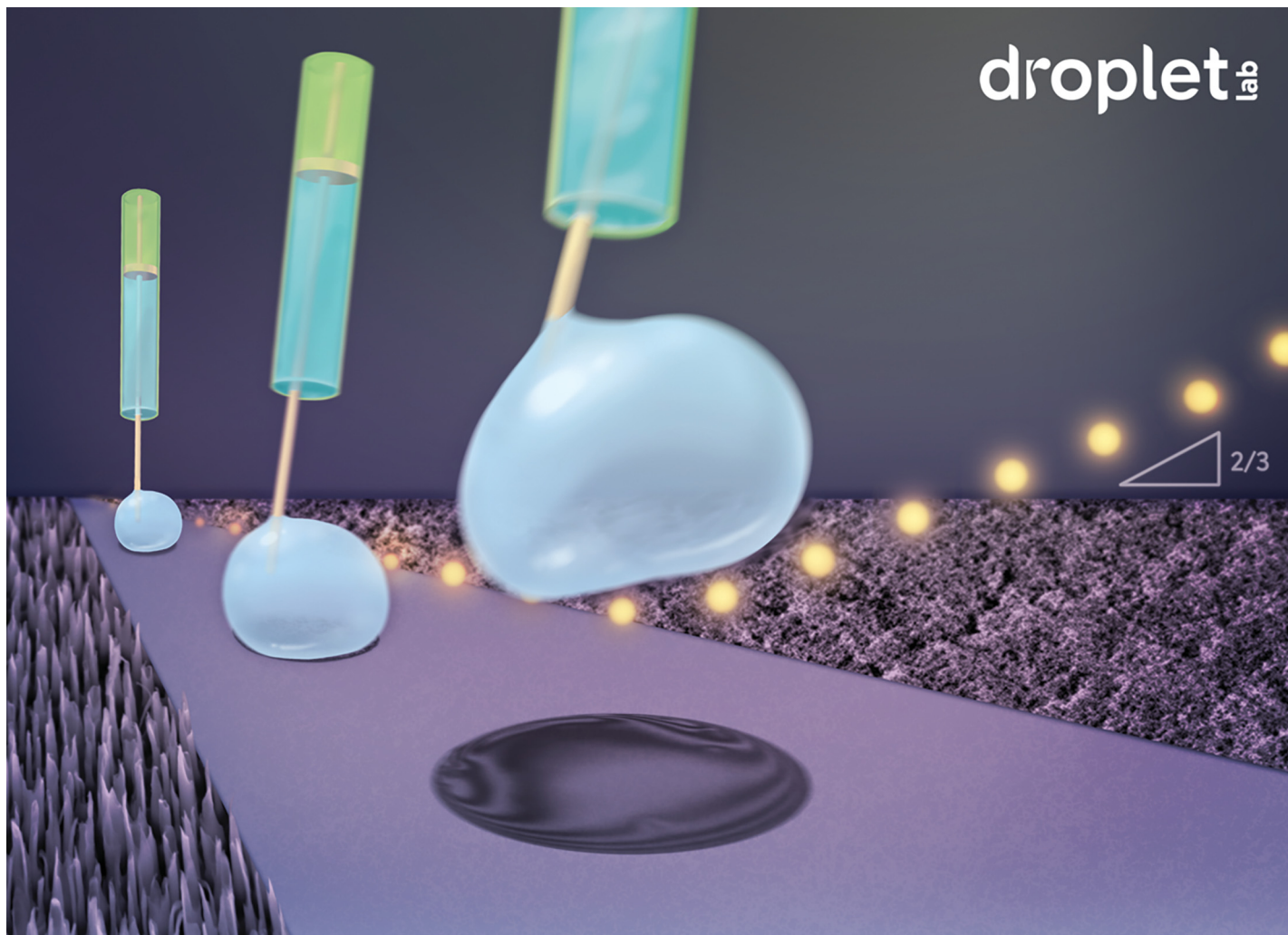
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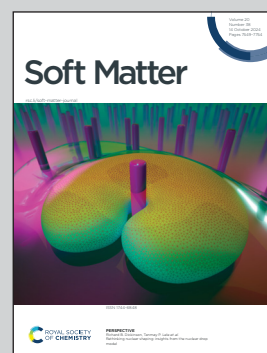
Highlighting research from the Droplet Lab at King Abdullah University of Science and Technology, Saudi Arabia. This work is part of the themed collection: **Soft Matter** Emerging Investigators Series.

Probing the physical origins of droplet friction using a critically damped cantilever

A critically damped Droplet Force Apparatus uncovers a new regime where droplet friction on superhydrophobic surfaces increases with velocity, following a two-thirds power law. This behaviour arises from viscous dissipation within the air layer during droplet lift-off.

Image credit: Fauzia Wardani

As featured in:



See Dan Daniel *et al.*,
Soft Matter, 2024, **20**, 7583.