

Advance your career in science

with professional recognition that showcases
your **experience, expertise and dedication**

Stand out from the crowd

Prove your commitment
to attaining excellence in
your field

Gain the recognition you deserve

Achieve a professional
qualification that inspires
confidence and trust

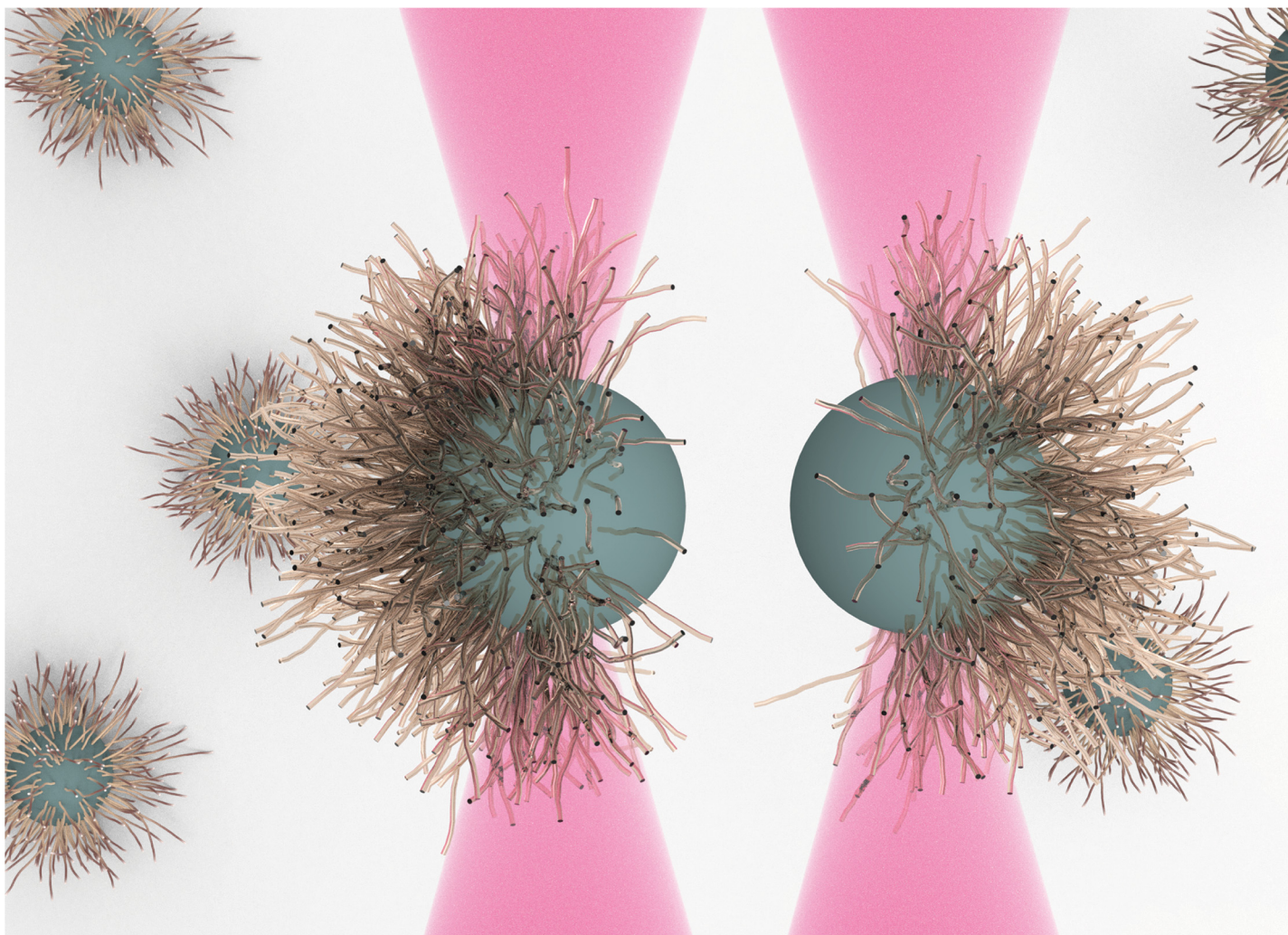
Unlock your career potential

Apply for our professional
registers (RSci, RSciTech)
or chartered status
(CChem, CSci, CEnv)

Apply now

rsc.li/professional-development





**Highlighting research from the Takatori Lab,
UCSB Chemical Engineering.**

Dynamic interfaces for contact-time control of colloidal interactions

When two beads coated by surface-mobile biopolymers are brought into contact using optical traps, we observe that interparticle forces relax as a function of contact time through polymer reorganization out of the interface. We introduce a framework to precisely tune these pairwise interactions using nonequilibrium forcing.

As featured in:



See Sho C. Takatori *et al.*,
Soft Matter, 2023, **19**, 5692.