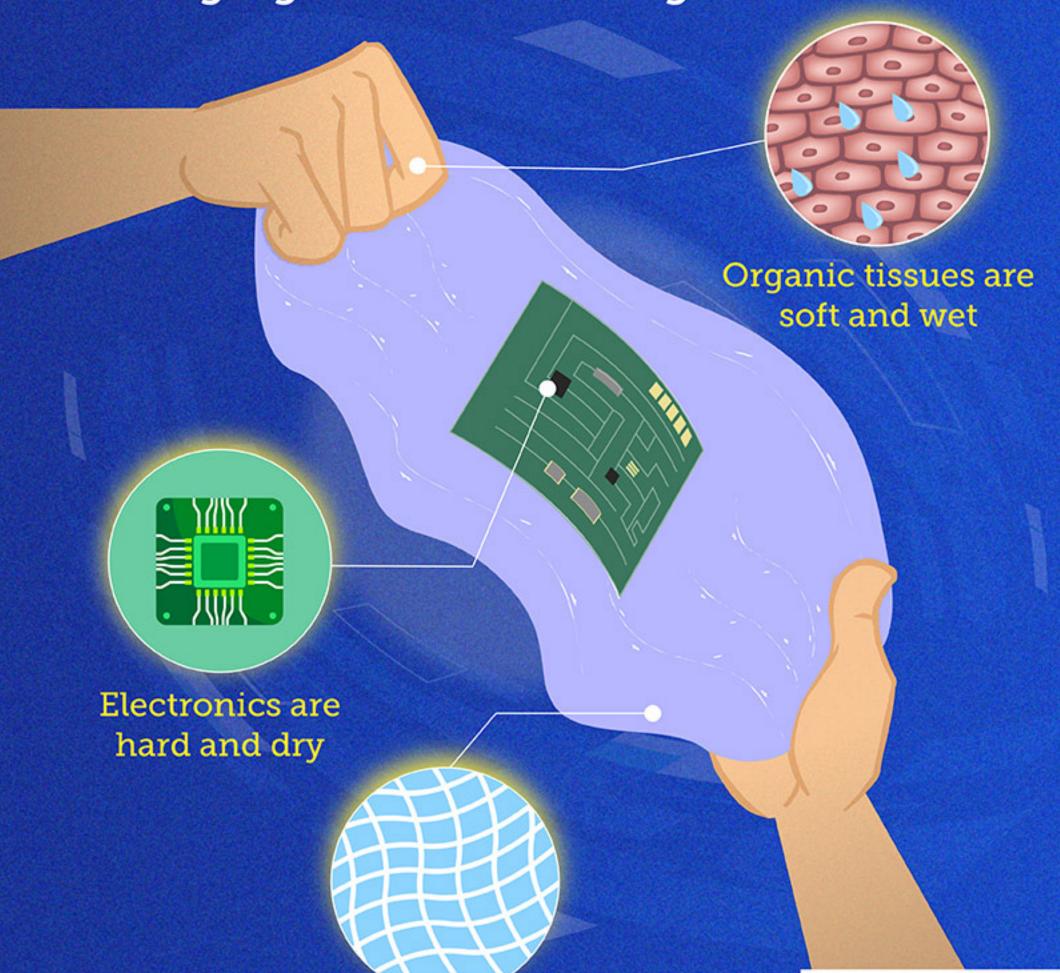
Electronic Supplementary Material (ESI) for Chemical Science.

Doping stretchy electronic hydrogels to create biocompatible sensors

Conductive polymer hydrogels (CPHs) are emerging sensor technologies:



CPHs synergise the electronic and mechanical properties of both

Chemical Science



Doping for tunability:

Assembly and structure complexity

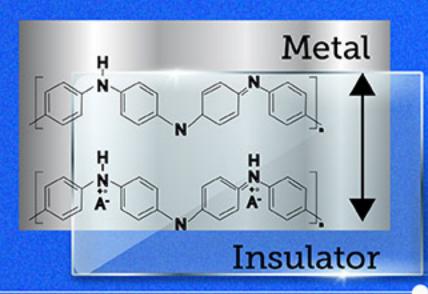


Polymer interactions

Mechanical properties



Conductive properties



CPHs and the future of sensors:



With their biocompatibility and abundant sensor applications, CPHs have the potential of revolutionising the medical world.

Doping engineering of conductive polymer hydrogels and their application in advanced sensor technologies

Pan, Yu et al. (2019) DOI: 10.1039/c9sc02033k

