

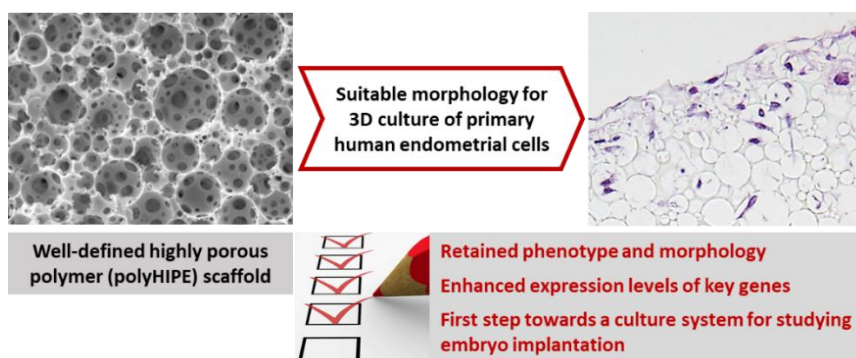


Dr Ahmed M. Eissa

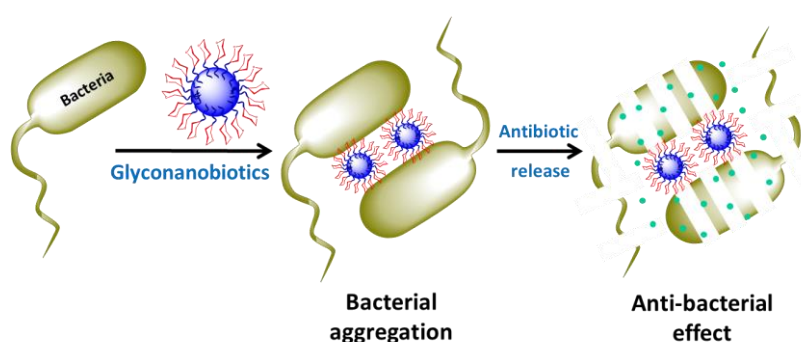
Senior Research Fellow

MSc (Ain-Shams), PhD (Durham)

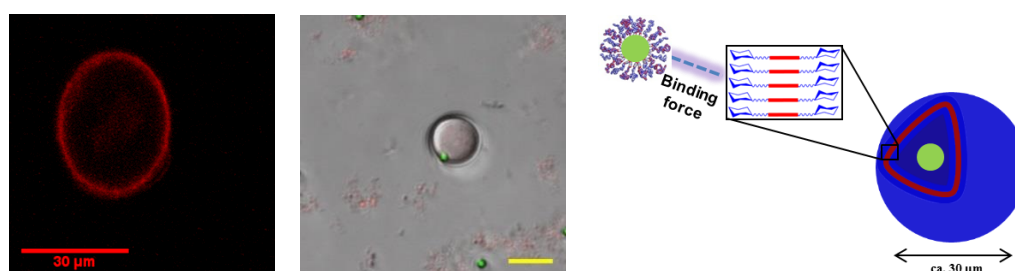
My research interests lie at the interface between Polymer Chemistry and Biology. My team uses modern synthetic chemistry to create designed macromolecules and materials that interrogate, interrupt or mimic biological processes, leading to therapeutic or biotechnological applications with particular emphasis on emulsion-templated porous polymer scaffolds for 3D cell culture, tissue engineering and regenerative medicine; glycopolymers and glyco-nanoparticles as therapeutics and delivery systems; and giant vesicles as simple cell mimics. Much of our work therefore involves working across Chemistry, Engineering and Life Sciences. If you are interested in working with us please feel free to contact me to discuss options.



Biomacromolecules **2018**, 19(8):3343-3350.



Biomacromolecules **2016**, 7 (8), 2672–2679.



Scientific Reports **2016**, 6, 32414.