

Dr. Nazanin Saeidi, is currently a senior postdoctoral researcher and project coordinator under the module of Alternative Construction Material at Singapore-ETH Centre, where she is focusing on the development of cultivated based construction materials. At the same time, she is one of the principal investigators of Synbio project at CSIRO, Brisbane, Australia where she is working on development of microbial sensing-and-killing platform for waterborne pathogens in cooling systems. Prior to her current appointment at Singapore-ETH Centre, she has several years of experience in water industry mainly focusing on health related water microbiology.

Dr Nazanin Saeidi has obtained her BS degree in chemical engineering from Sharif University of Technology in 2008, afterwards she was awarded A\*STAR scholarship from Singapore government to pursue her post-graduate studies in chemical and biomedical engineering at Nanyang Technological University. In her PhD she worked on “Engineering microbes to sense and eradicate a human pathogen” where she made a breakthrough in her research field by publishing an article entitled “Engineering microbes to sense and eradicate *Pseudomonas aeruginosa*, a human pathogen” in Molecular Systems Biology (MSB) journal from Nature publishing group. Her work, garnered attention from over 70 medias and it was selected as one of the top 10 discoveries in 2011 by Straits Times.