



International Symposium on Microfluidics for Sensing and Single Cell Sequencing (ISM3S)

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Baojun Wang

**Synthetic biology enables new paradigm of
biosensing**

Prof. Baojun Wang is Qiushi Chair Professor and Director of the ZJU-HIC Institute of Synthetic Biology at Zhejiang University.

He leads the Synthetic Biological Circuit Engineering Lab in the College of Chemical and Biological Engineering of Zhejiang University.

He received a PhD in Bioengineering from Imperial College London, and was Reader in Synthetic Biology at the University of Edinburgh before his present appointment, and is an elected Fellow of the Royal Society of Chemistry.

His research interests include developing new enabling tools for synthetic biology, and engineering novel customized genetic circuits for the sensing and information processing of multiple cellular and environmental signals with applications in diverse areas, for example, biosensing, biomanufacturing and biotherapies.

Prof. Wang has received many prestigious awards including the UK Research and Innovation Future Leaders Fellowship, BBSRC New Investigator Award, Gates Foundation Grand Challenges Explorations Award, and the Changjiang Scholar Chair Professorship by the Ministry of Education of China.