

Royal Society of Chemistry approved training courses

Explore your options.
Develop your skills.
Discover learning
that suits you.

**Courses in the classroom,
the lab, or online**

Find something for every
stage of your professional
development. Search our
database by:

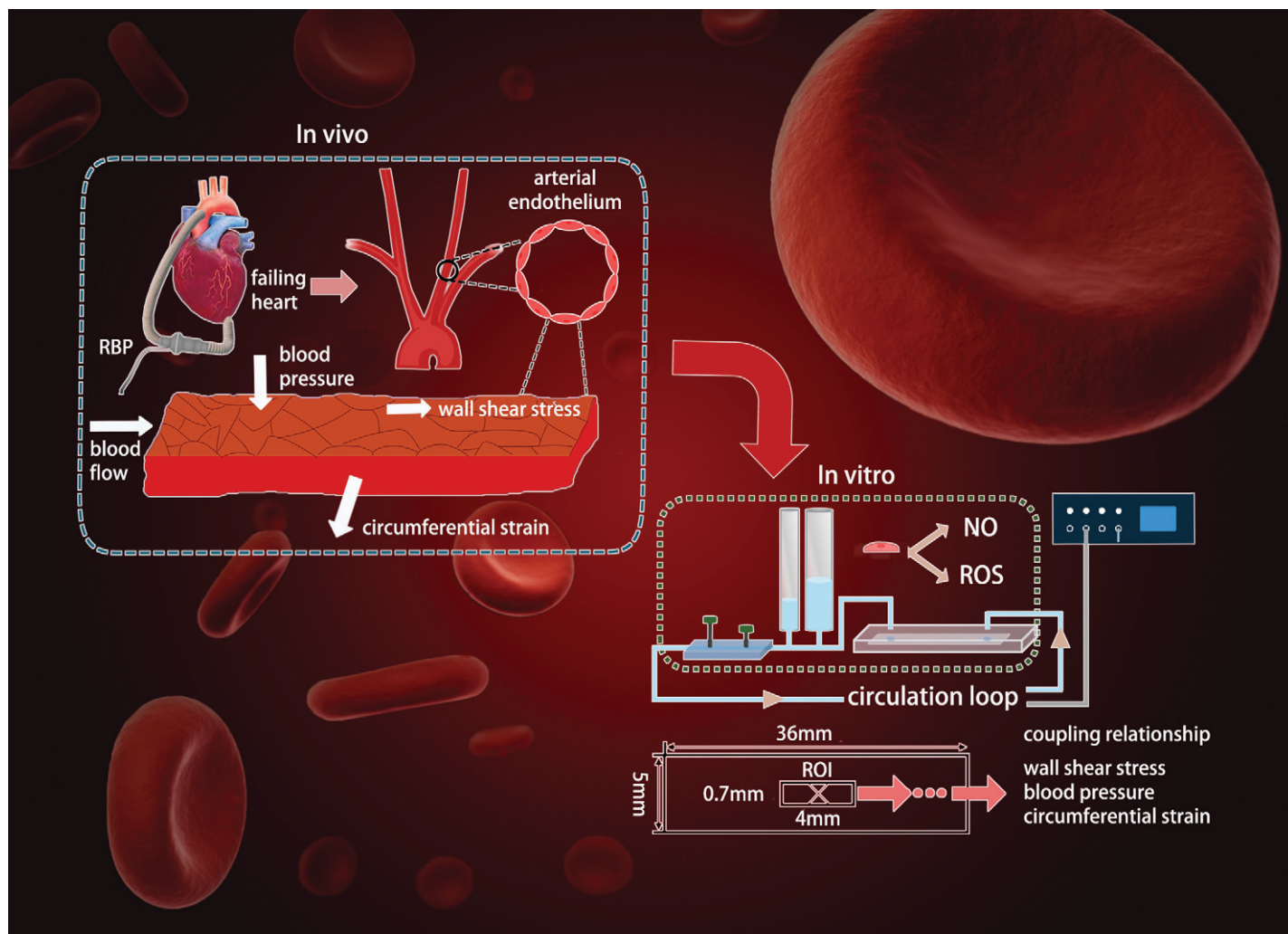
- subject area
- location
- event type
- skill level

Members **get at least 10% off**

Visit rsc.li/cpd-training



**SAVE
10%**



Showcasing research on the rotary blood pump based on a microfluidic control system from Professor Qin & Wang's laboratory, School of Biomedical Engineering, Faculty of Medicine, Dalian University of Technology, Dalian, P. R. China.

Study on the hemodynamic effects of different pulsatile working modes of a rotary blood pump using a microfluidic platform that realizes *in vitro* cell culture effectively

The best pulsation frequency mode of rotary blood pump (RBP) would be that changes every 2-3 times of the cardiac cycle. The proposed in-vitro microfluidic model could provide an effective platform to select best working mode of RBP for heart failure. Copyright owners are Kairong Qin, Yu Wang and Lixue Liang.

As featured in:



See Yu Wang, Kai-Rong Qin *et al.*, *Lab Chip*, 2024, **24**, 2428.