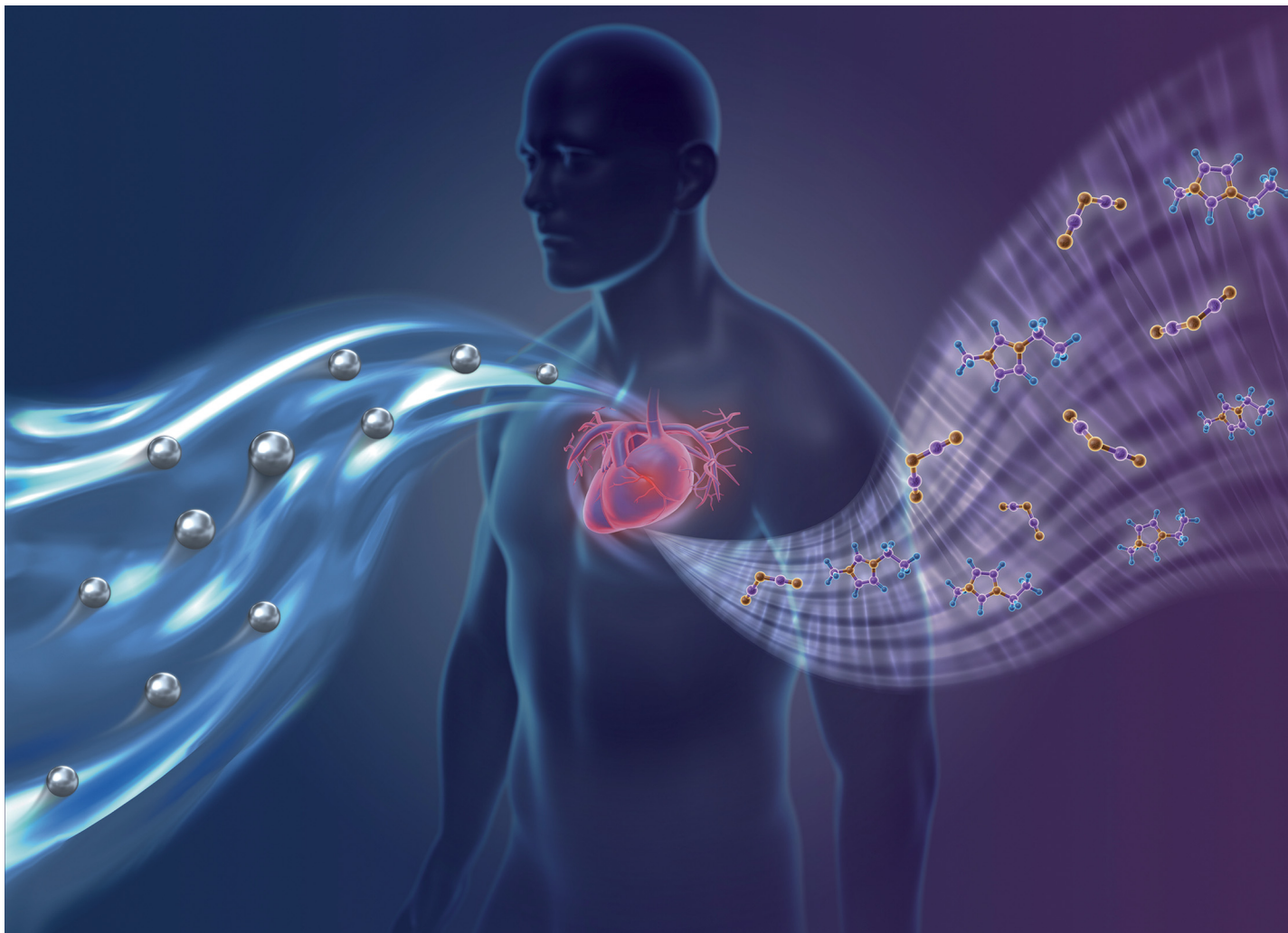




Showing research from the State Key Laboratory of Digital Medical Engineering, School of Biological Science and Medical Engineering, Southeast University, China.

A dual-mode wearable sensor with electrophysiological and pressure sensing for cuffless blood pressure monitoring

A wearable dual-mode sensor is developed to simultaneously monitor both arterial pulse and electrocardiogram by encapsulating a pressure-sensitive liquid metal circuit within an adhesive, conductive ionogel film. This design simplifies the measurement of pulse transit time for estimating blood pressure.

As featured in:



See Biao Ma, Chao Zhao,
Hong Liu *et al.*,
J. Mater. Chem. C, 2024, **12**, 15915.