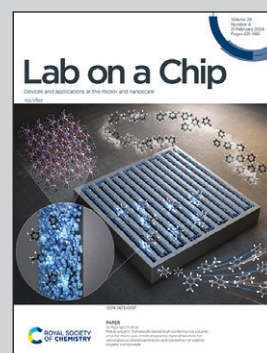


**Showcasing research from Professor Ryuji Yokokawa's laboratory, Department of Micro Engineering, Kyoto University, Japan.**

Deciphering potential vascularization factors of on-chip co-cultured hiPSC-derived cerebral organoids

To elucidate elaborate crosstalk between cerebral organoids (COs) and endothelial cells, the global transcriptome analysis of the CO response to three-dimensional vascular bed revealed potential vascularization factors for brain organoid vascularization on a chip.

### As featured in:



See Keiko Muguruma,  
Stanislav L. Karsten,  
Ryuji Yokokawa *et al.*,  
*Lab Chip*, 2024, **24**, 680.