

# Real-time observation of hydrogen peroxide transport through oil phase in a W/O/W double emulsion with chemiluminescence emission

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## Supporting Information

### Information about movies

**Movie S1** Movement of an internal aqueous droplet in an oil droplet under a bright field microscope. We intentionally moved the internal aqueous droplet to the outer interface and observed the movement of the internal aqueous droplet to the center of the oil droplet.