Defluorination of PFOA and PFOS alters their toxicity in a hepatocyte and hepatic stellate cell co-culture system

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Hepatocyte and hepatic stellate cell co-culture system

- **D0**: HepG2 and HSC Culture
- **D1**: Make Microwells and PDMS layer
- **D2**: Culture HepG2s in microwells and Culture HSCs in 35 mm dish
- **D4**: Place HepG2 microwell coverslip in the 35 mm dish
- **D7**: qRT-PCR

**Materials**
- HepG2 cells
- HSC cells
- 12 mm coverslip
- 4-arm PEG acrylate UV polymerization
- 12 mm PDMS layer
- Lay PDMS on glass
- 35 mm dish with 13 mm glass bottom

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• 10μM PFOA or PFOS treatment on the liver cell co-culture system
• Gene expression in HepG2 cells

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