

## **Morphology alterations within emulsion templated macroporous polymers**

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Emulsions with high volume fractions of the droplet phase (frequently termed high internal phase emulsions-HIPEs) can be a useful template for the preparation of highly porous monolithic polymer structures with either oil-soluble or water soluble monomers. While the typical polymerized high internal phase emulsion topology resembles interconnected cellular foam-like structure, the lecture will discuss the possibilities of significant morphology alterations by several methods like phase inversion induction and combinations with other templating methods.