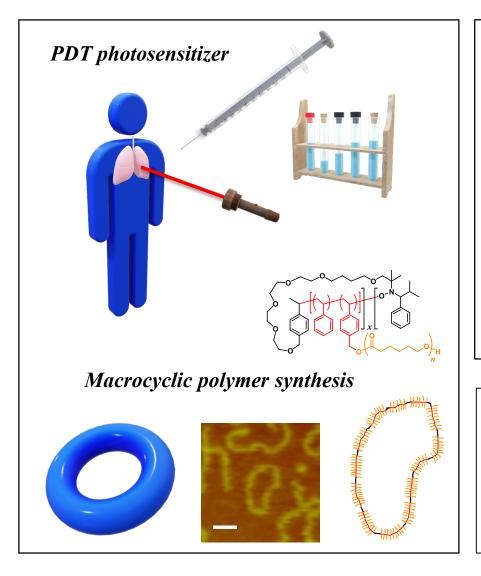
## Precision polymer synthesis + Photoactivation + Bioconjugation Professor Atsushi Narumi



## Content:

Prof. Narumi group studies a polymerization system that enables the ring-expansion "vinyl" polymerization as a fundamental research in the field of polymer synthesis.

Also, a variety of photoactive compounds are synthesized in this group, which show accumulation abilities toward tumor cells in order to develop advanced photosensitizers for the photodynamic therapy (PDT).

## Appealing point:

Polysaccharides are "inexhaustible organic raw materials" and/or "polymers showing biodegradability" and thus their utilizations are most important. Our group aims to provide advanced and safe polymetric/organic materials based on synthetic chemistry using polysaccharides.

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Research Interest : Polymer synthesis

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