

Photocatalytic coatings for clean water

What we do

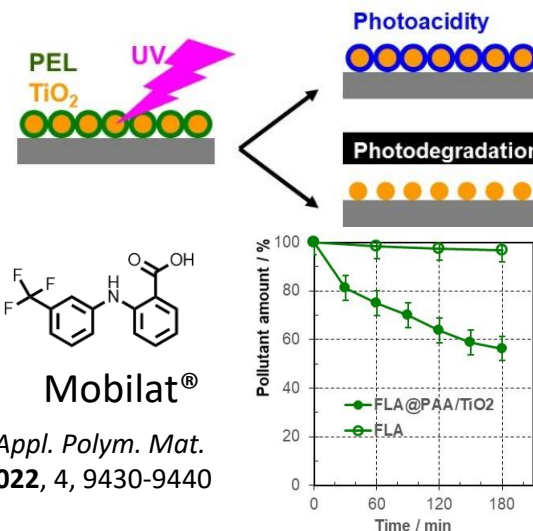
- Polyelectrolyte/TiO₂ (ZnO) suspensions and coatings
- Loading/releasing of drugs and pollutants
- UV illumination @ 365 nm (close to TiO₂/ZnO band gap)
- *in-situ* FTIR detection of photocatalytic degradation

Question

- Role of polyelectrolyte
- Photocatalytic degradation mechanism
- Application modalities (e.g. membrane carrier)

We are looking for Bachelor students

Who are interested in analytical & physical chemistry & environmental protection application



**We look forward
to your response!**

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