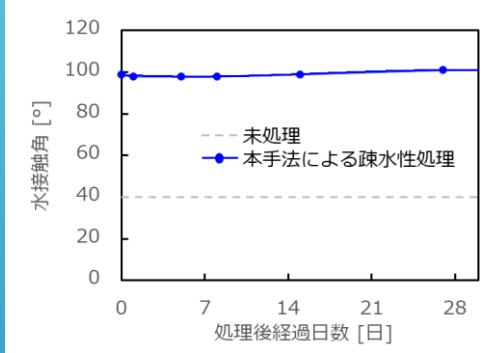
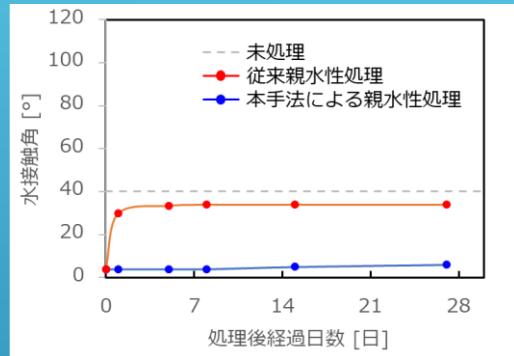
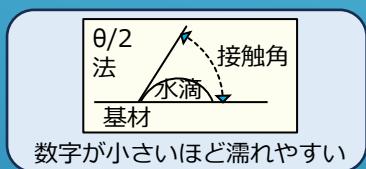


# SAM技術

(Self-Assembled Monolayer) : 自己組織化单分子膜



4週間経っても処理効果を維持！



★親水性



- ・防曇性
- ・防汚性
- ・濡れ性

★撥水撥油性



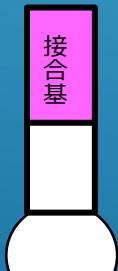
- ・防汚性
- ・離型性
- ・パターン性

★親油性  
(疎水性)



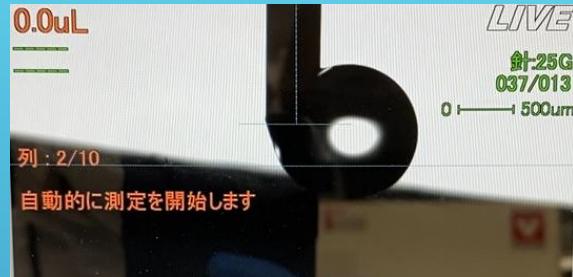
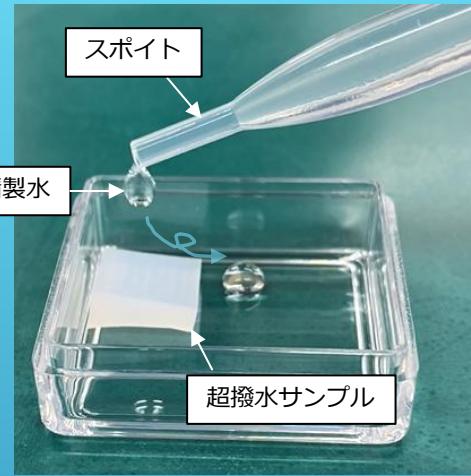
- ・濡れ性

★接合性



- ・接合性
- ・接着性
- 向上  
etc.

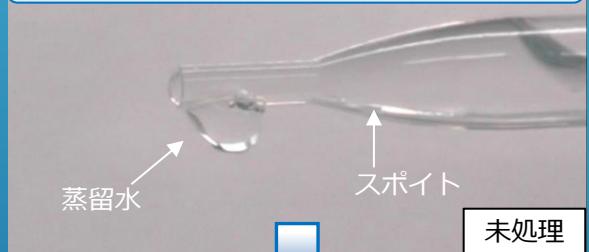
ニーズに合わせた表面状態を選択可能！



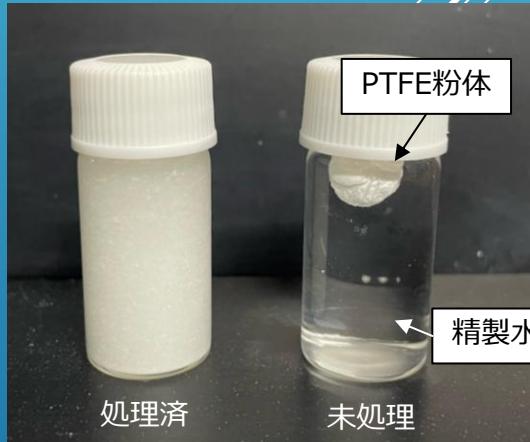
水滴が付かないほど、超撥水！

樹脂系・金属系、様々な材質に対応可能！

液が垂れる...

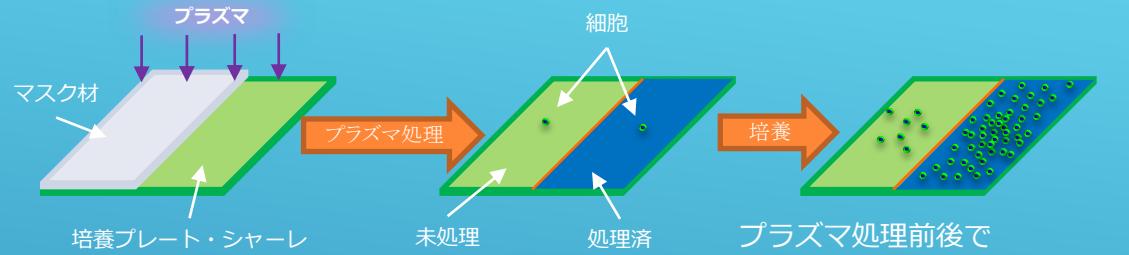


液が垂れない！

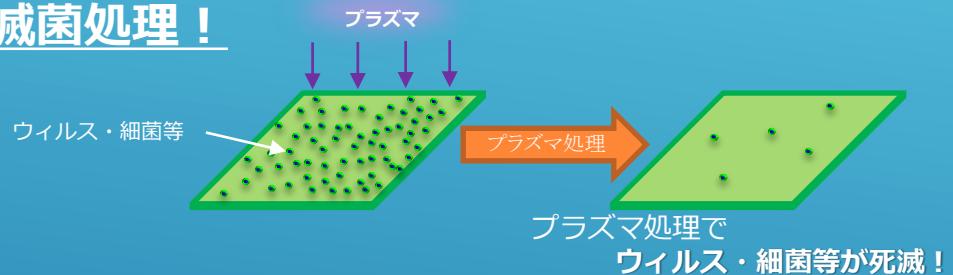


フッ素樹脂が水に混ざる！

## 細胞培養の活性化！

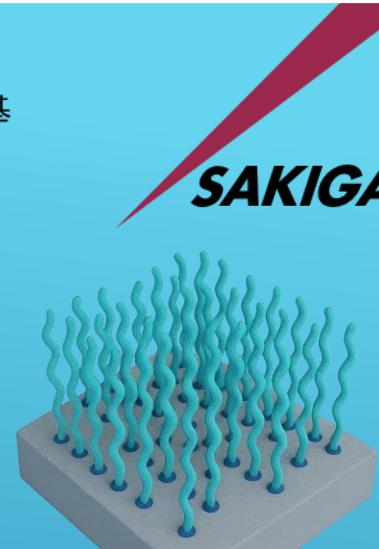
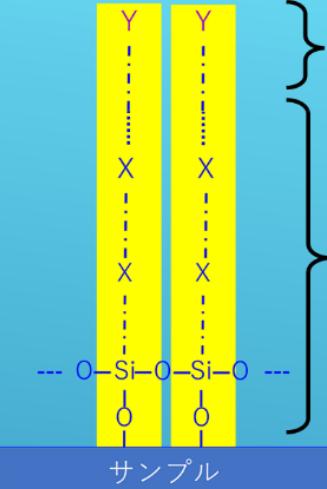


## 殺菌・滅菌処理！

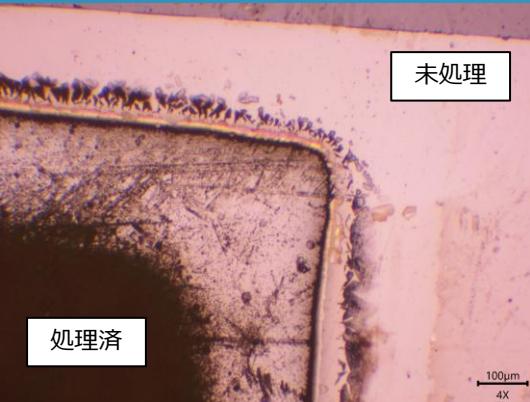
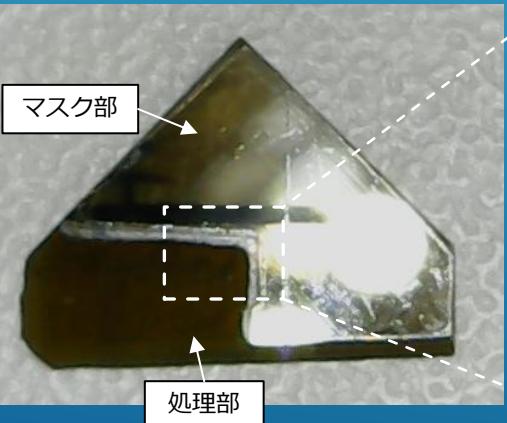


親水性基、官能基  
撥水撥油基、炭化水素基  
導電性基、etc.

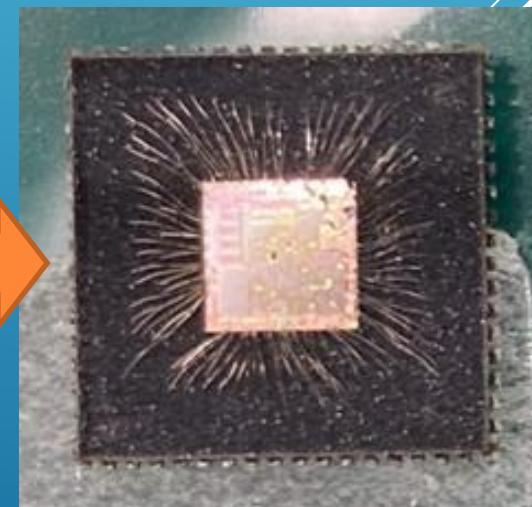
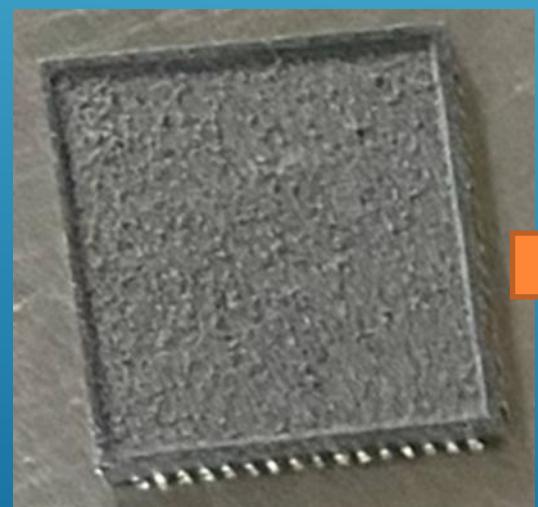
疎水性、架橋構造  
三次元構造



自由な構造のポリマーブラシを形成！



ダイヤモンドをエッチング！



モールド樹脂を除去！

SAKIGAKE