

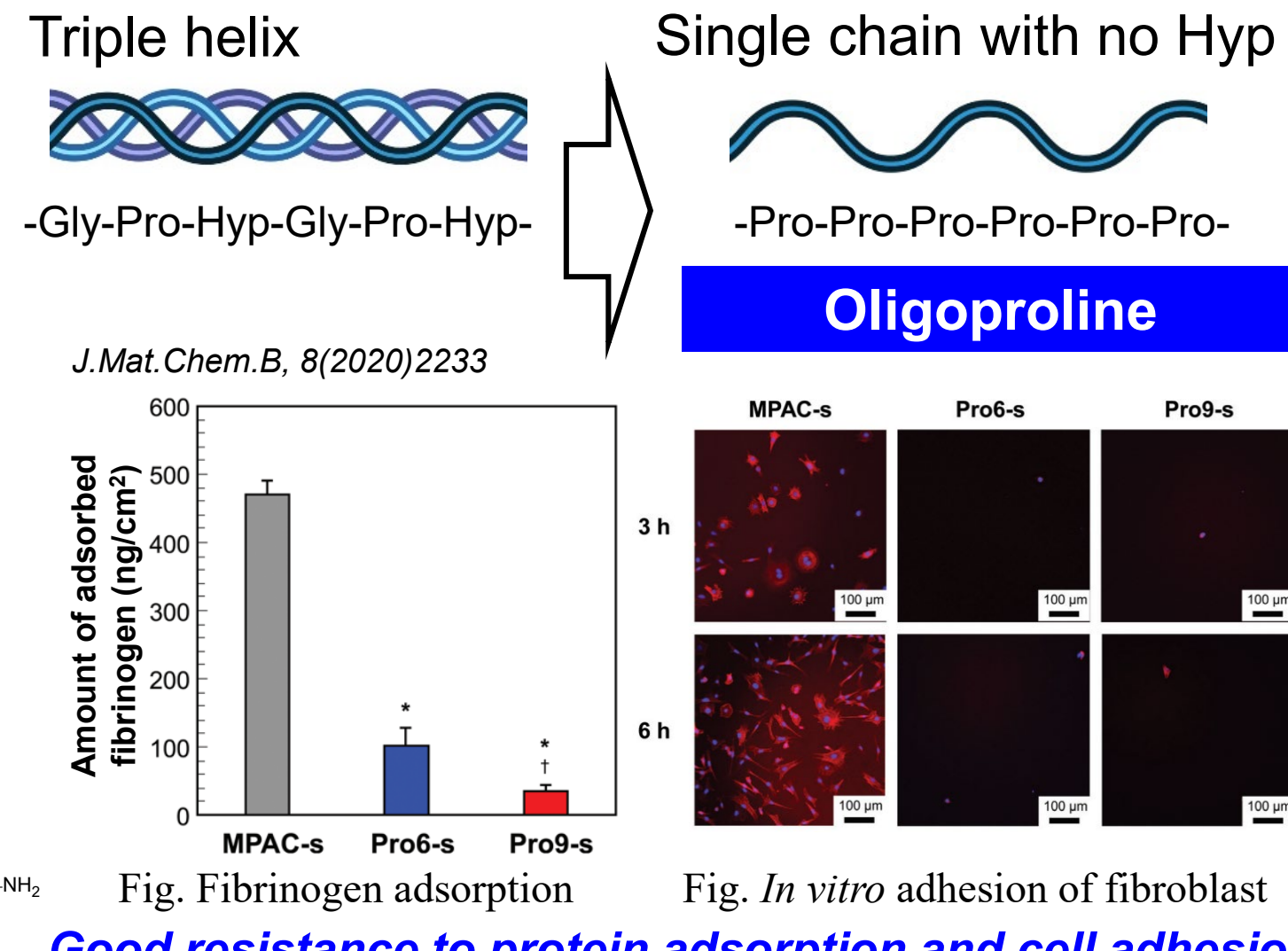
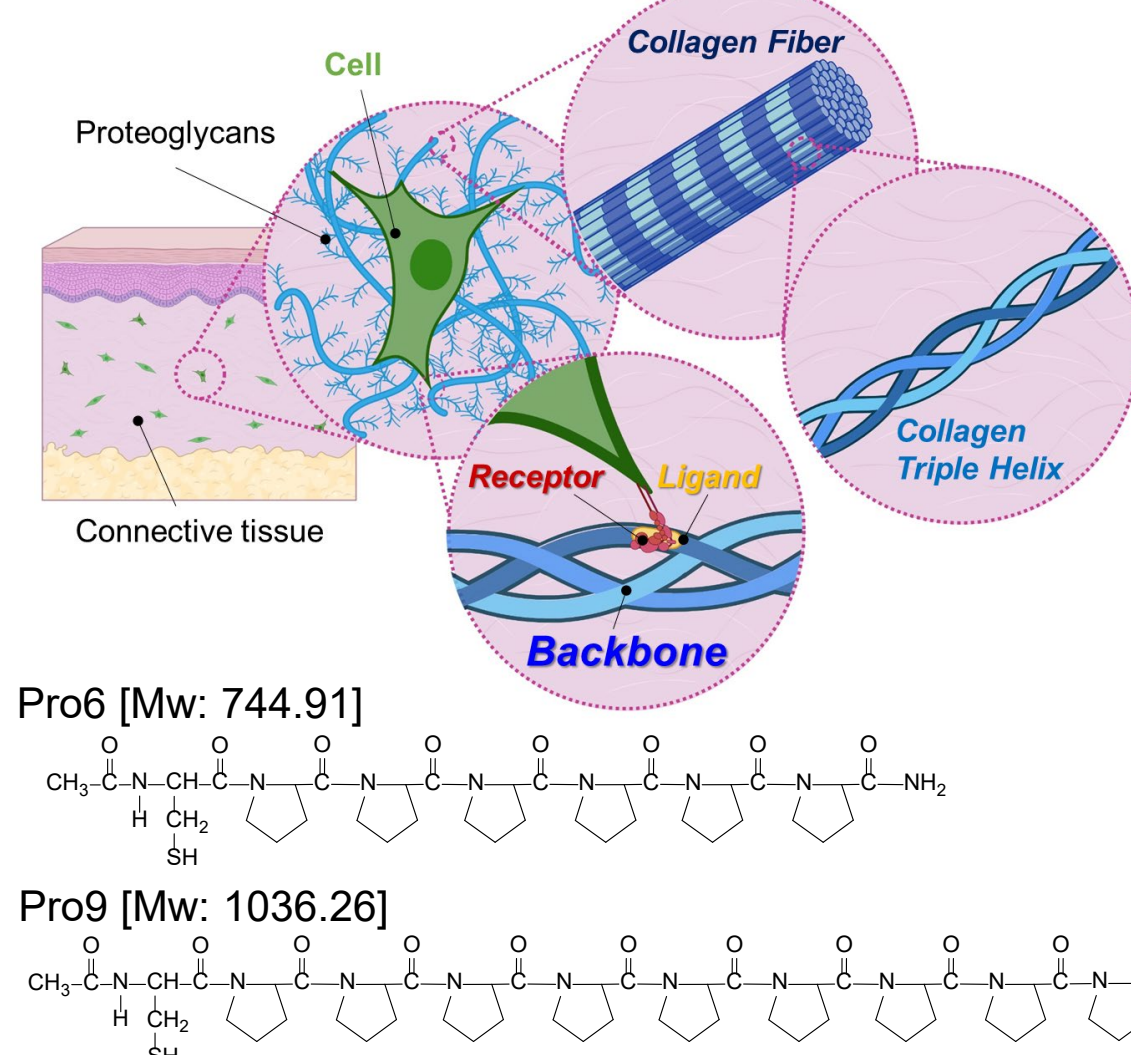
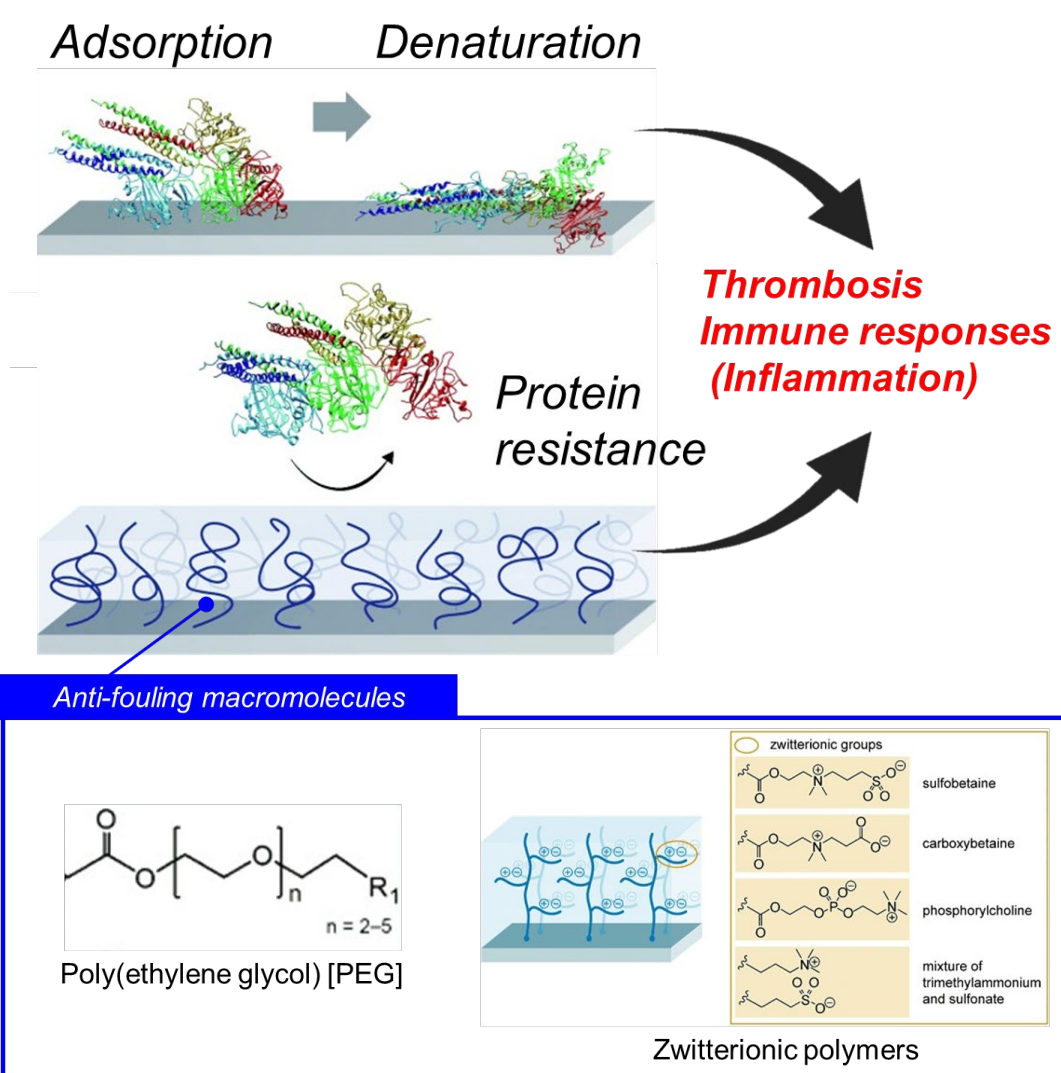
# Hemocompatible Surfaces Immobilized with Collagen-inspired Oligoprolines

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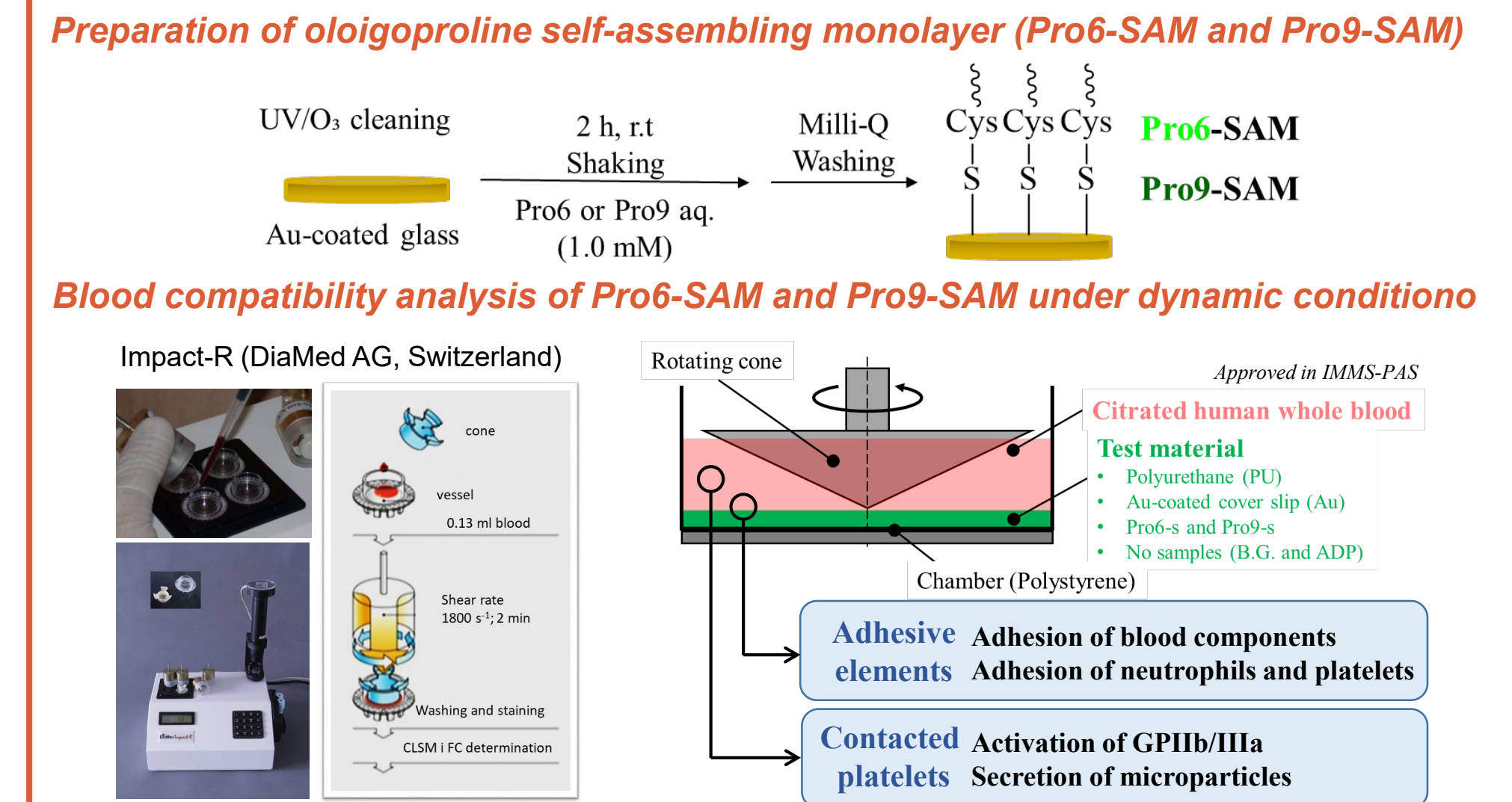
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## INTRODUCTION

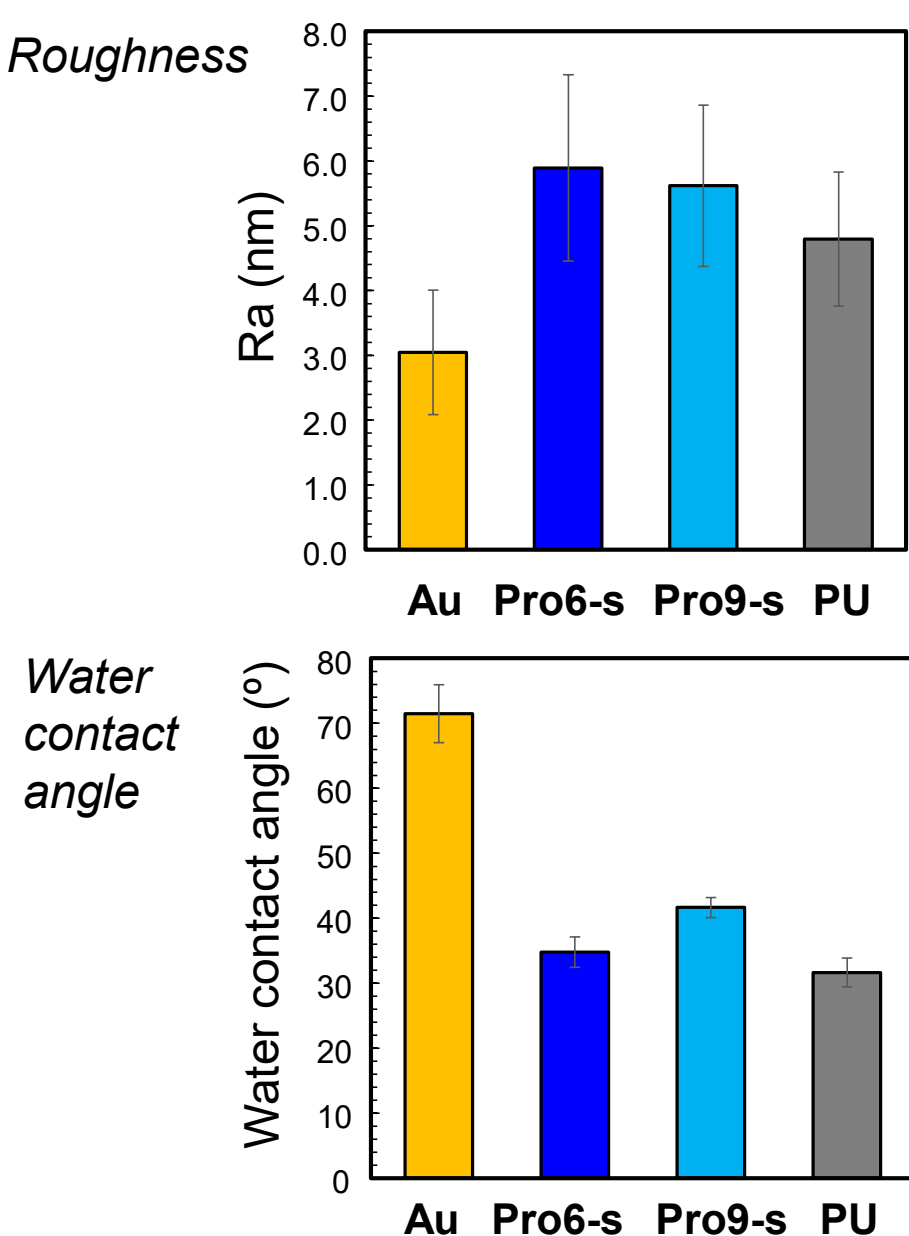


## Method

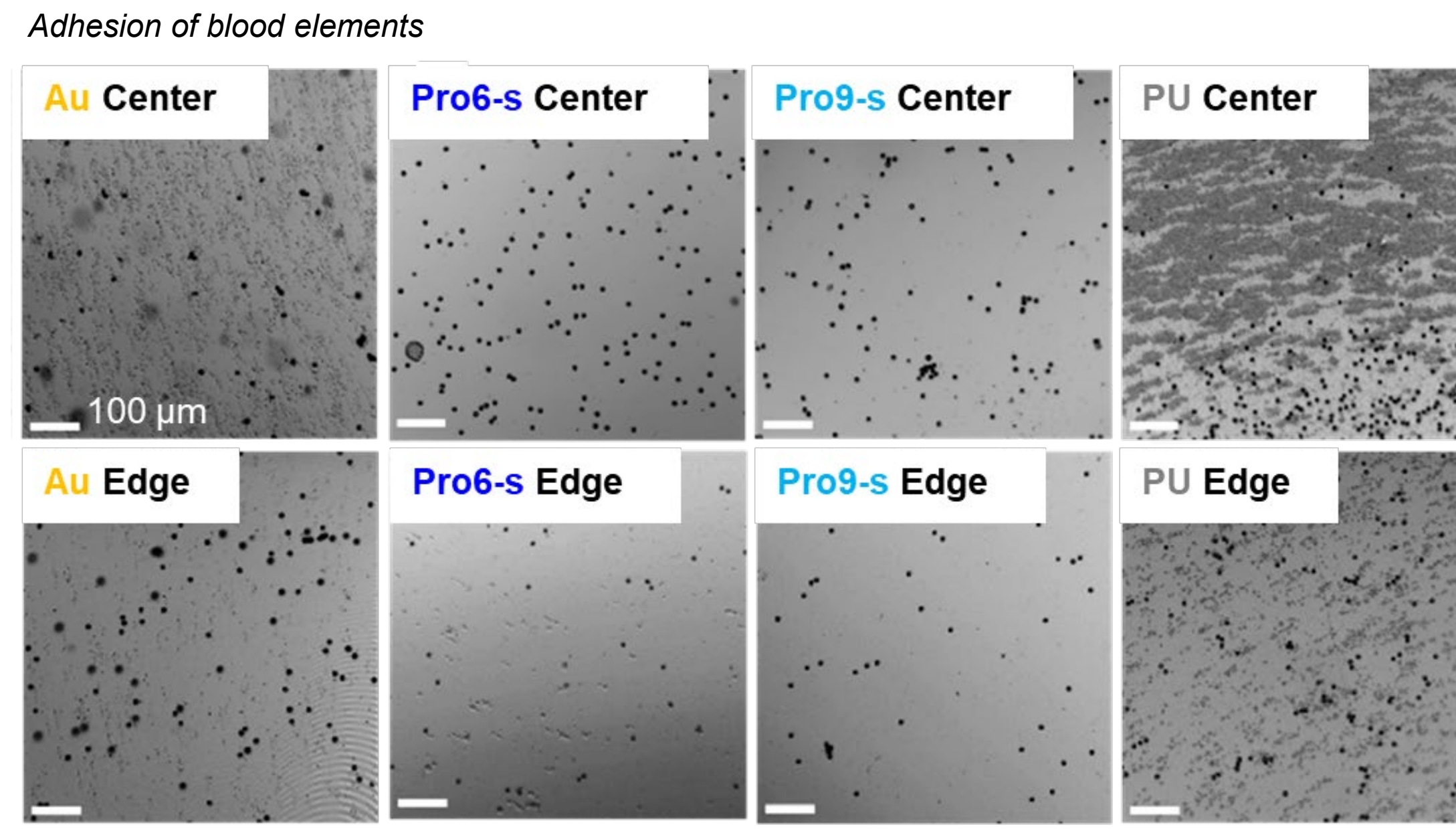


## RESULTS AND DISCUSSION

### Surface Characterization

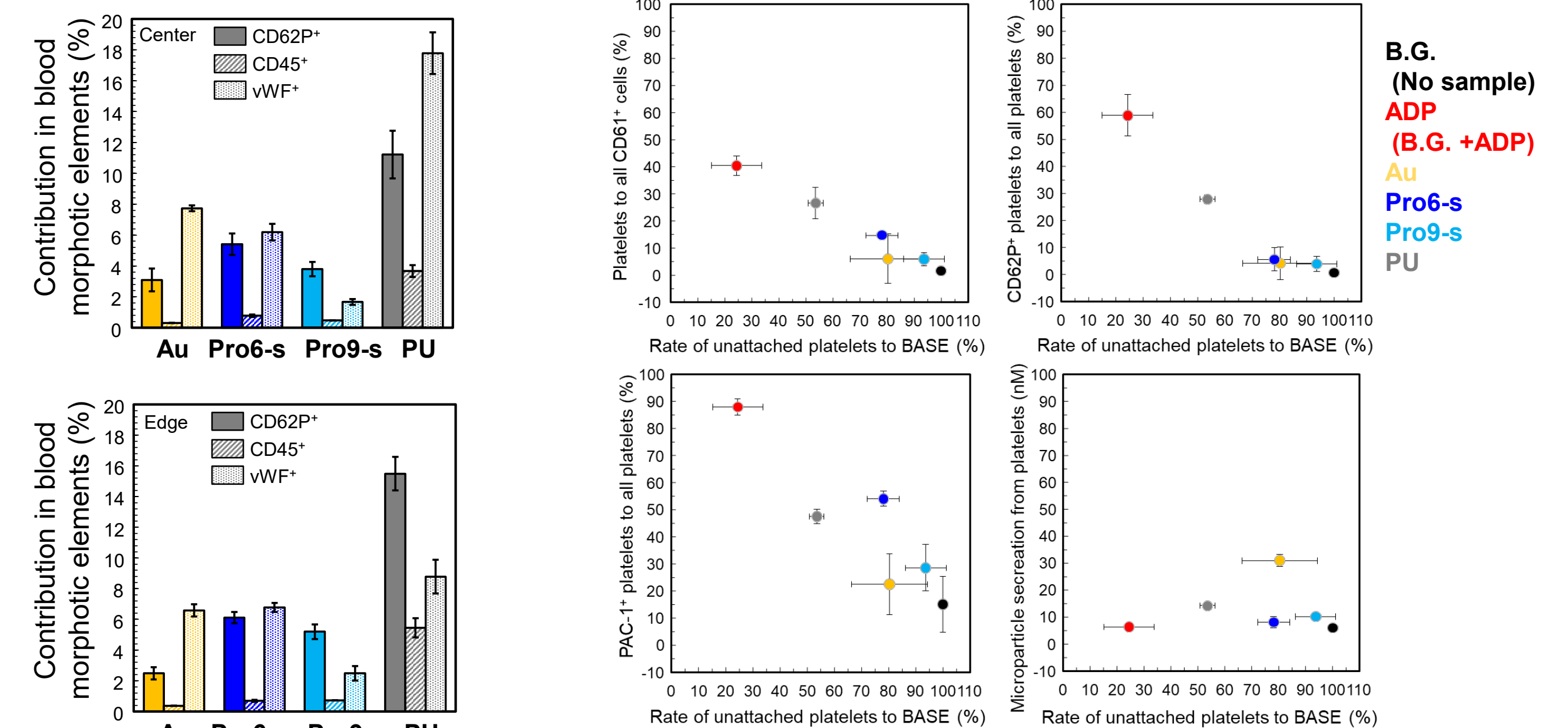


### Adhesion of blood components



Oligoproline-SAMs suppress the adhesion of blood components.

### Adhesion of platelets contacted with surfaces



Activation of platelets was not induced with contacting to Pro9-SAM.

The oligoproline-immobilized surface showed excellent hemocompatibility with no adhesion of blood components and no activation of platelets.