

**Biomemory Device Consisting of
Cytochrome f Self-assembled on MAA Layer
for Bioelectronic Device**

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The nanoscale biofilm consisting of cytochrome f self-assembled on MAA layer was developed for making a bioelectronic devices. A cytochrome f which has redox property was immobilized on Au surface via MAA. The biomolecular films was optimized in aspect of the characteristics of cytochrome f by SPR and the STM. The electrochemical properties of biomolecular films were confirmed by redox property from CV. As a result, biomolecular films were immobilized on MAA modified gold surface, and this proposed film could be possible to bioelectronic devices.

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