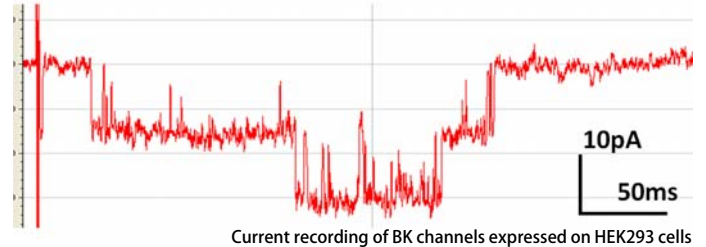
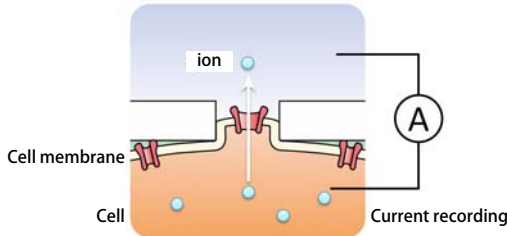


Development of low cost planar patch clamp system

Okayama University Graduate School of Medicine, Dentistry and Pharmaceutical Sciences
Takahashi K, Naruse K

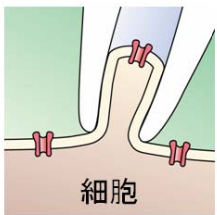
Make it efficient! – epilepsy, arrhythmia research

Inexpensive, easy, and high-throughput recording of electric current via ion channels of the cell

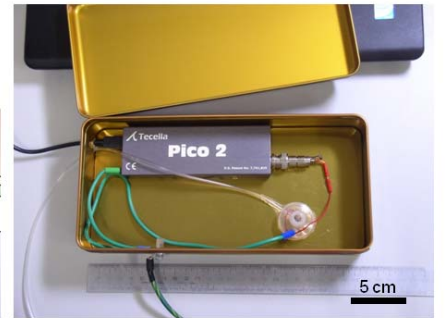
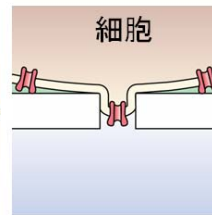


Conventional

Developed



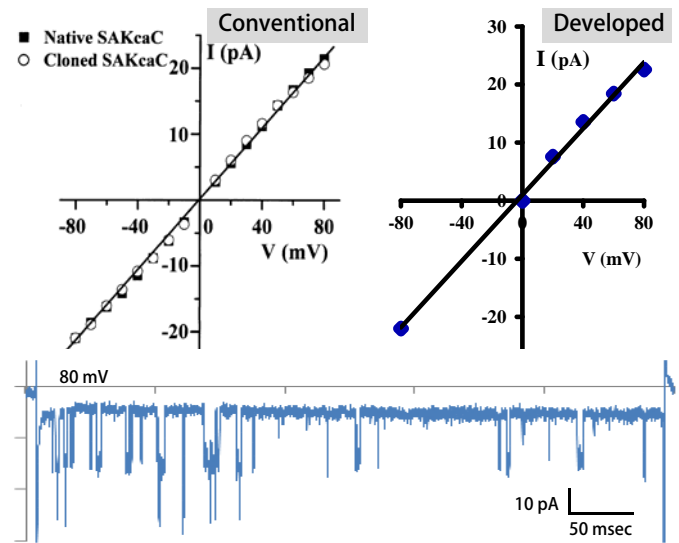
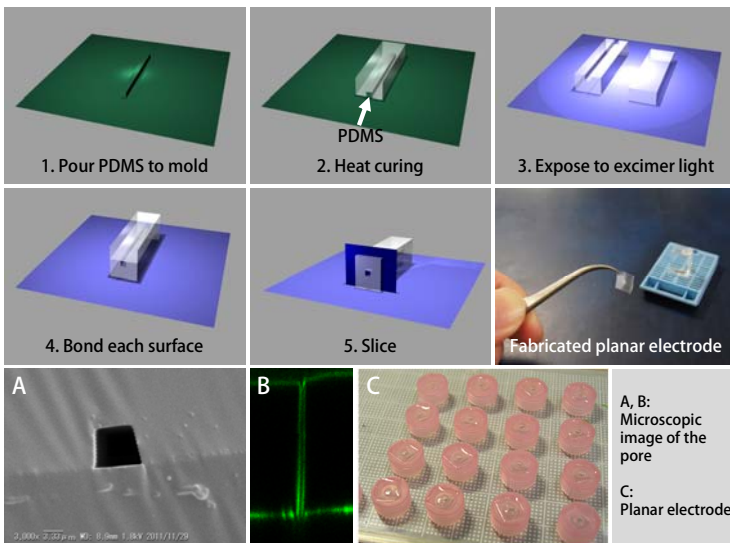
Expensive
Requires highly skilled researcher
Inefficient data acquisition



Inexpensive!
Easy to use for everyone!
Efficient data acquisition!

Patented technology

High precision recording



For academic research instrument and high-throughput drug screening!