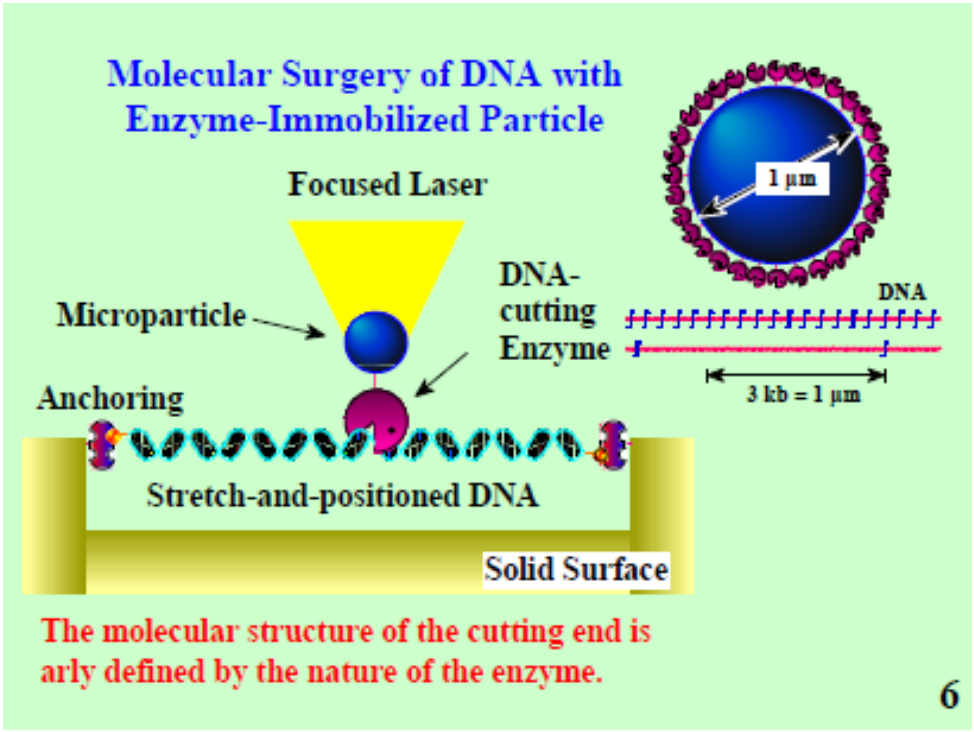
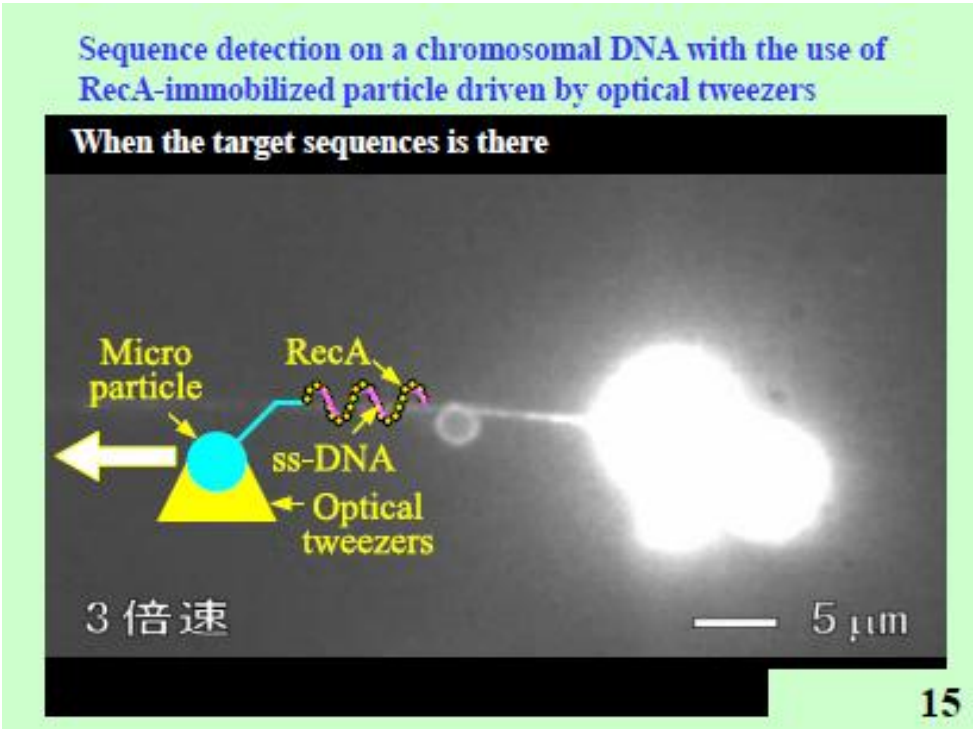
<3> Prof. Masao Washizu April 5 (Friday) 13:50-15:20

"Bio-manipulation based on electrokinetic effects"





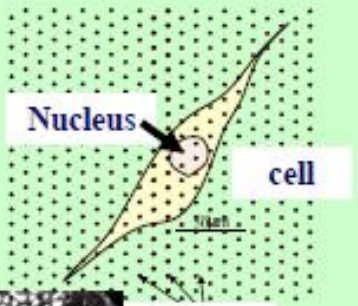
Introduction of Plasmids

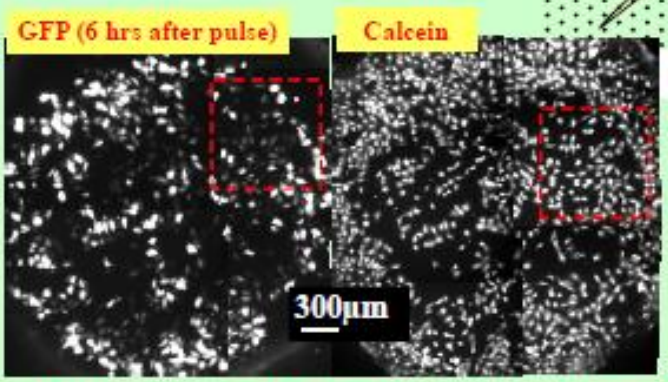
Electrophoresis-governed

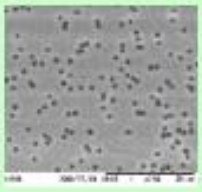
Orifice 2mm, Porosity 6%

→at least one orifice beneath nucleus

Expression starts in 2 hrs.







(GFP-expressing cells:80~90)/ (Survived cell:100)

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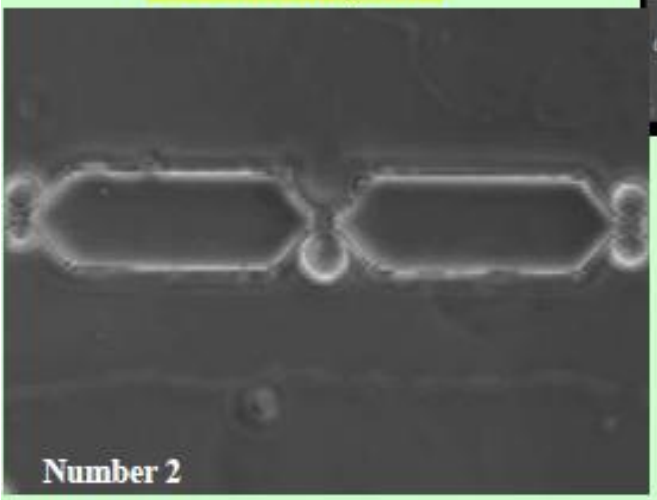
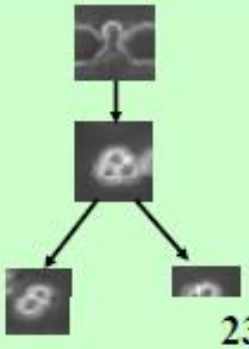
Time lapse imaging of L929-L929 fusants with micro-orifice large diameter (> 5 μm)

Imaging the cells after fusion for 4 days

Division into three





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