

MATSUNAGA LAB.

[Design of Living Tissue]

Centre for International Research on MicroNano Mechatronics

<http://matlab.iis.u-tokyo.ac.jp/>

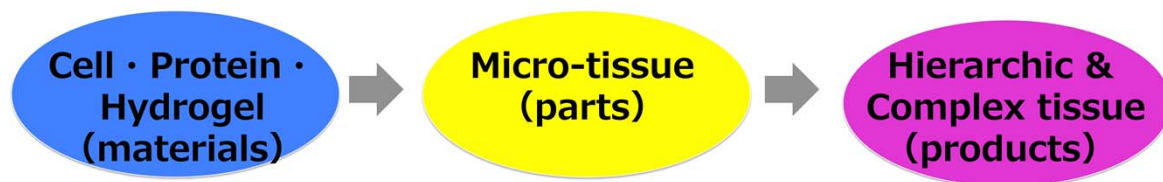
MEMS Tissue Engineering

Shape brings Function

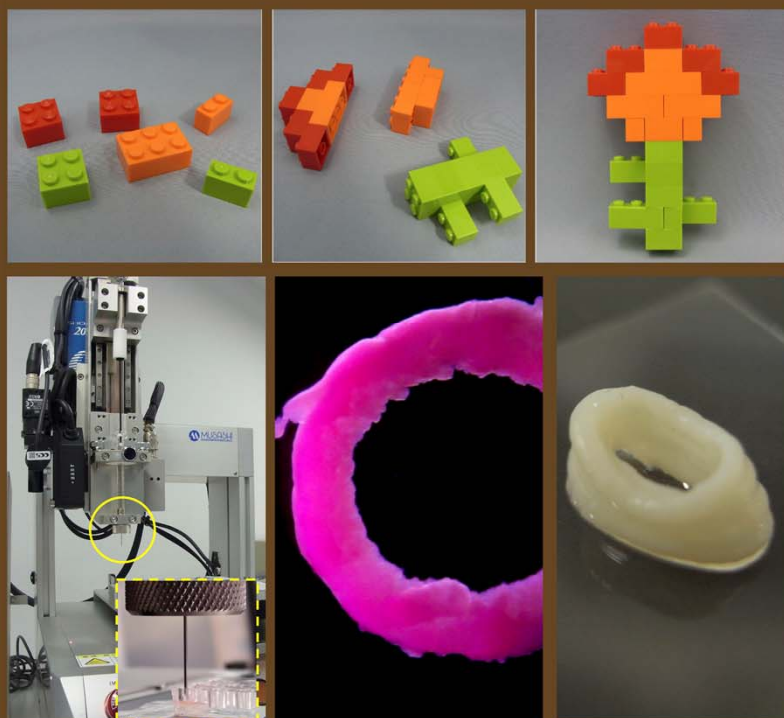
Designing Living Tissue Structures

BioArchitecture Lab.

Tissue engineering has been seeking a method to construct large-scale 3D tissue architectures that mimic microscopic tissue structures and tissue functions *in vivo*. We have been focusing on preparing hierarchic & complex tissues by assembling micro-tissue units as building blocks.



Building Tissue Block by Block



Future Perspective

