Study on Functional Extracellular Matrices for Tissue Engineering and Regenerative Medicine

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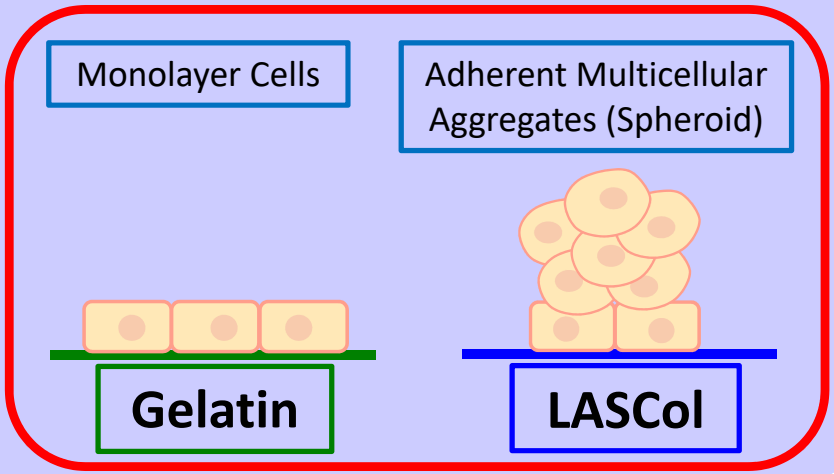
Research Area

1. Development of Low Adhesive Scaffold Collagen (LASCol)
2. Preparation of soluble Elastin (sELN)
3. Structural characterization of LASCol／sELN matrix
4. Spheroid formation by the LASCol matrix
5. Tissue engineering by using the LASCol／sELN matrix
6. Application for regenerative medicine
   Spinal cord, Intervertebral disc, Bone, etc.



Recent Activities

- Funding: The Adaptable and Seamless Technology Transfer Program through target-driven R&D, JST (AS2715177U to K.M.)
  The Project for Japan Translational and Clinical Research Core Centers (Osaka Univ.), AMED (A-75 to K.M.)
- References: “The latent ability of collagen matrix”, Morimoto & Kunii, *Kagaku to Kogyo* **70**, 491-493, 2017, (*Japanese*)