
Advanced Materials Research Group project summary

Project Title	Recombinant Human Collagen Scaffold for Tissue Engineering
Researcher	Yang Yang
Project Summary	<p>Medical scaffolds are considered to be one of the major biomedical materials in tissue engineering. Collagen is the most important structure protein in human beings, and it plays important roles in life cycle. To combine the collagen with scaffolds and applied as the purpose of medical or cosmetological issue has already become a fast rising item in territory of tissue engineering. This project is based on a type of Recombinant Human Collagen scaffolds. The aims of the project are: 1 To fabricate scaffolds from recombinant human collagen with controlled porosity and void fraction 2. To characterize the cytocompatibility, durability and mechanical properties of these scaffolds.</p>