

Faculty Name:

Clark Hung

Faculty Email:

cth6@columbia.edu

Lab:

Cellular Engineering Laboratory

Project Title:

Synovial joint repair and tissue engineering

Description:

The project entails harvesting of cells and tissues from synovial joints, and their cell and tissue culture for purposes of deriving cell sources for tissue engineering, basic science and translational studies of arthritis, cartilage repair and development of biofidelic in vitro culture models of joint disease. Biological, biochemical and bioengineering assays will be implemented to measure cell and tissue behavior with time.

Location of Research:

On-Site

of hrs/week:

35

Department/Program:

Biomedical Engineering

Eligibility:

BS, Second Year

To apply, please contact:

cth6@columbia.edu