



Grant recipient

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Grant details

GRANT TYPE	Project Grant	FUNDING ROUND	2017 Major Project Grant
GRANT REFERENCE	2017PROKhoonLim	GRANT AMOUNT	\$97,355

Final report

1. Report for the Scientific Assessing Committee

View an attachment by double clicking the icon to the left of the file name. Icons are not displayed and attachments are not accessible when this PDF is viewed in a web browser; you must open it in [PDF reader software](#).

Lim CMRF report 2017PROKhoon Final report.pdf
120.3 KiB

2. Brief summary

Articular cartilage has a limited regenerative capacity, and few approaches employed clinically are capable of restoring long-term function. This research is focused on bridging the gap between regenerative medicine and the clinic by developing improved cell therapy strategies and advanced 3D printing scaffold technique for repairing damaged cartilage. A proof-of-concept study was successful completed, where tissue engineered cartilage constructs were able to be fabricated using cutting-edge biofabrication technologies, where patients' own cells were combined with biomaterials, to recapitulate the architecture, zonal distribution and intrinsic mechanical properties of native cartilage.

3. Photographs

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Khoon_lab.jpg
2.8 MiB



5. Feedback

Publication

Date

07/01/2020