

CARNEGIE MELLON UNIVERSITY BME SEMINAR SERIES 2019-2020

Engineering stem cells to create novel delivery vehicles



PRESENTED BY

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SCHEDULE AND LOCATION

Thursday, January 30
(10:30 AM-11:30AM)
Doherty Hall (DH) A302

Synthetic biology has transformed how cells can be reprogrammed, providing a means to reliably and predictably control cell behavior with the assembly of genetic parts into more complex gene circuits. Using approaches and tools in synthetic biology, we are programming stem cells with these novel genetic tools to control genes and pathways that result in changes in stem cell fate decisions, in addition to reprogramming terminally differentiated cells to function as unique therapeutic diagnostic and delivery vehicles.



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