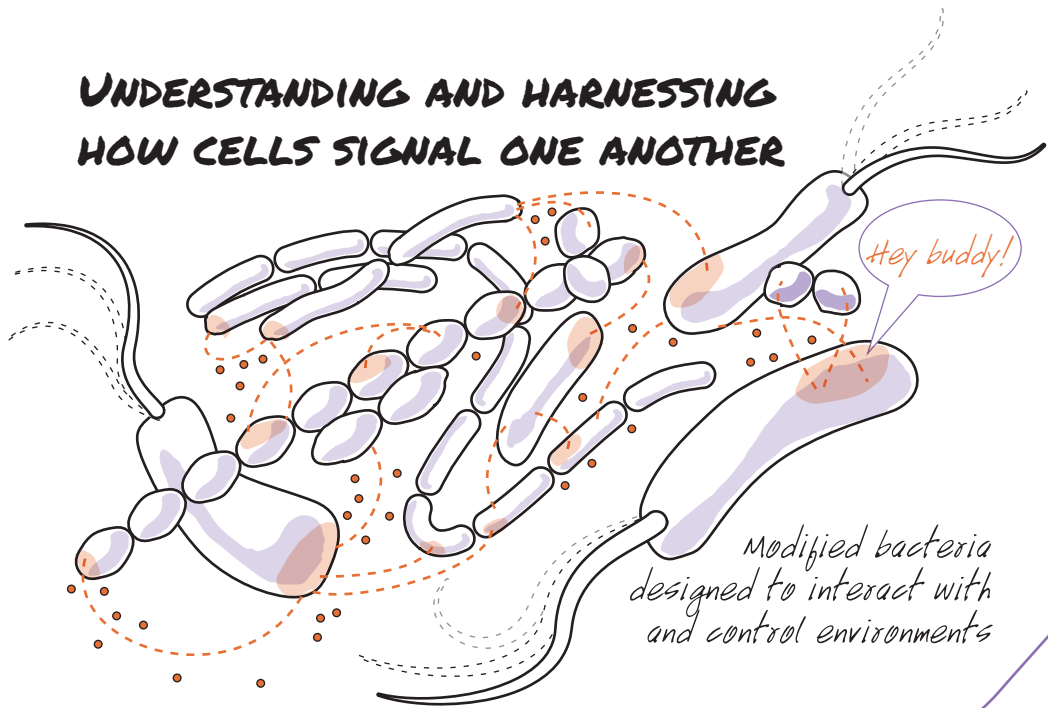


MINI MICROBE FACTORIES

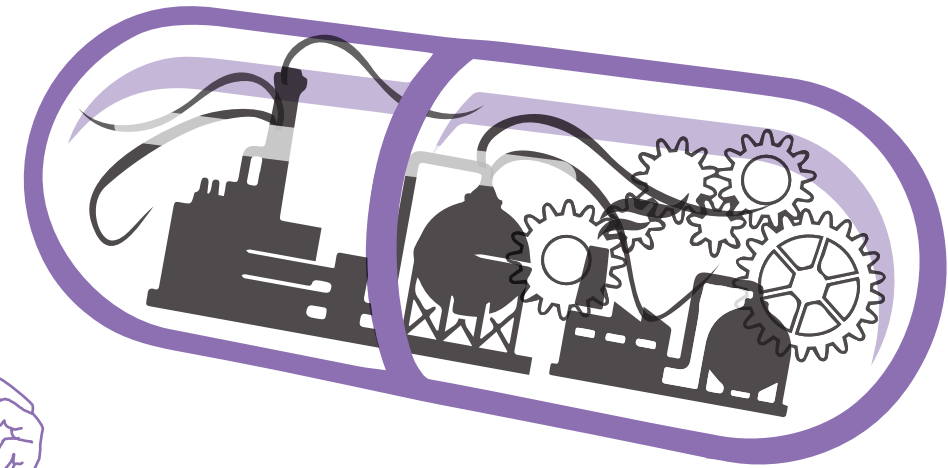
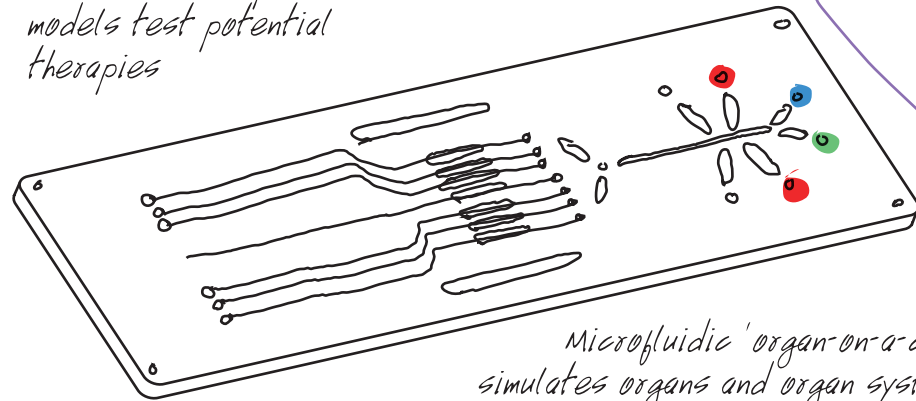
UNDERSTANDING AND HARNESSING
HOW CELLS SIGNAL ONE ANOTHER



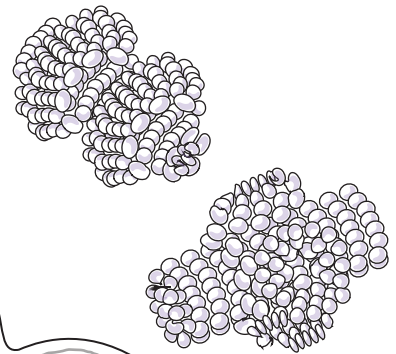
MICROFLUIDIC DEVICE

Devices and computer
models test potential
therapies

Cells can turn
colors depending
on reaction



Molecular machines
make medicines



Cells programmed to
treat different
ailments, such as
diabetes or cholera

Living machines become
part of your body

Mini factory starts
healing process
inside the gut

Cells engineered for
specific targets

Factories can
be programmed to
turn 'on' and 'off'

