

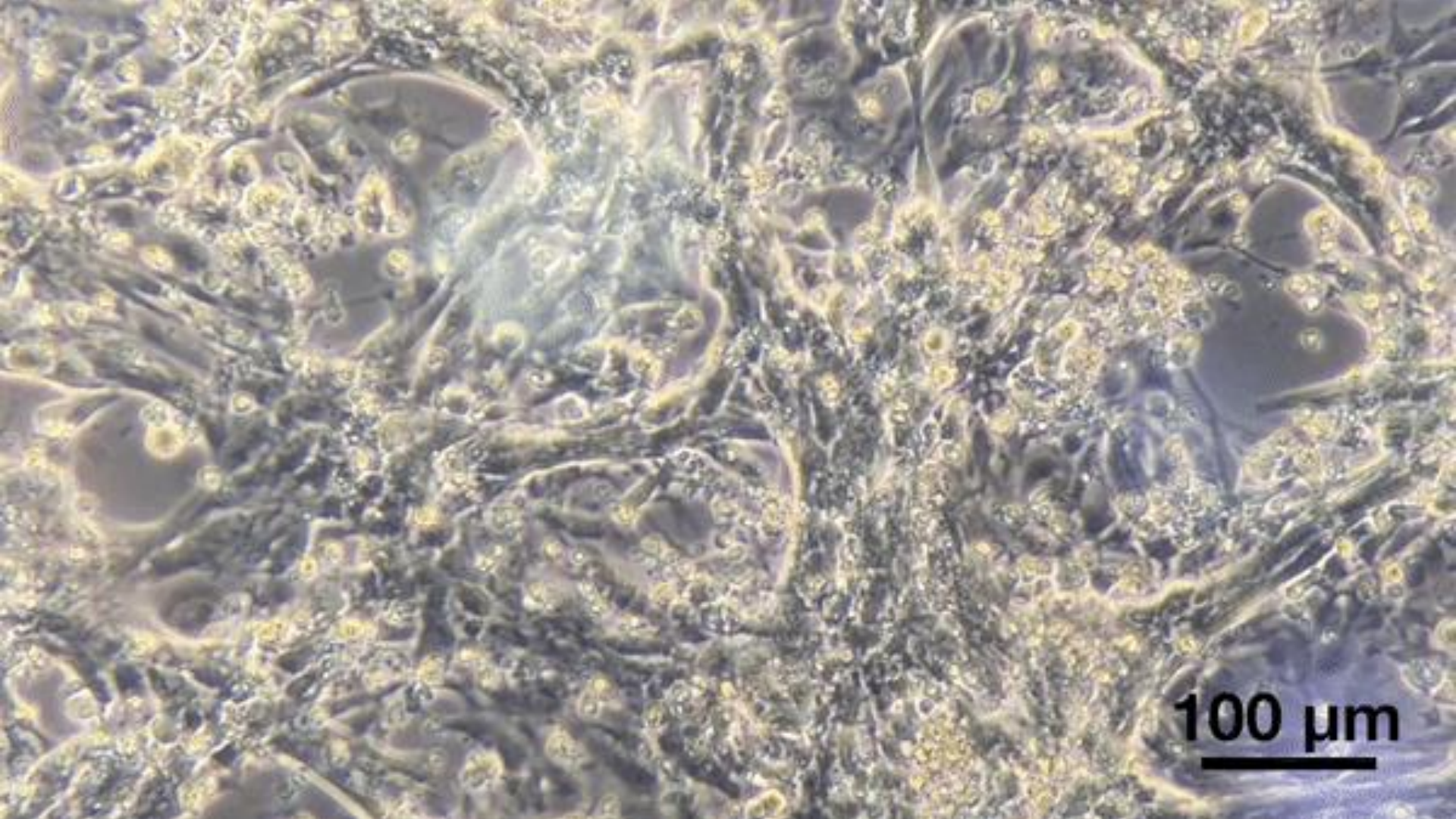
MSc BioMedical Engineering

Heart-on-chip: functional lipoprotein lipase (LPL)
expression in cardiomyocyte endothelial cell co-cultures

Master thesis – SUPPLEMENTARY MOVIES

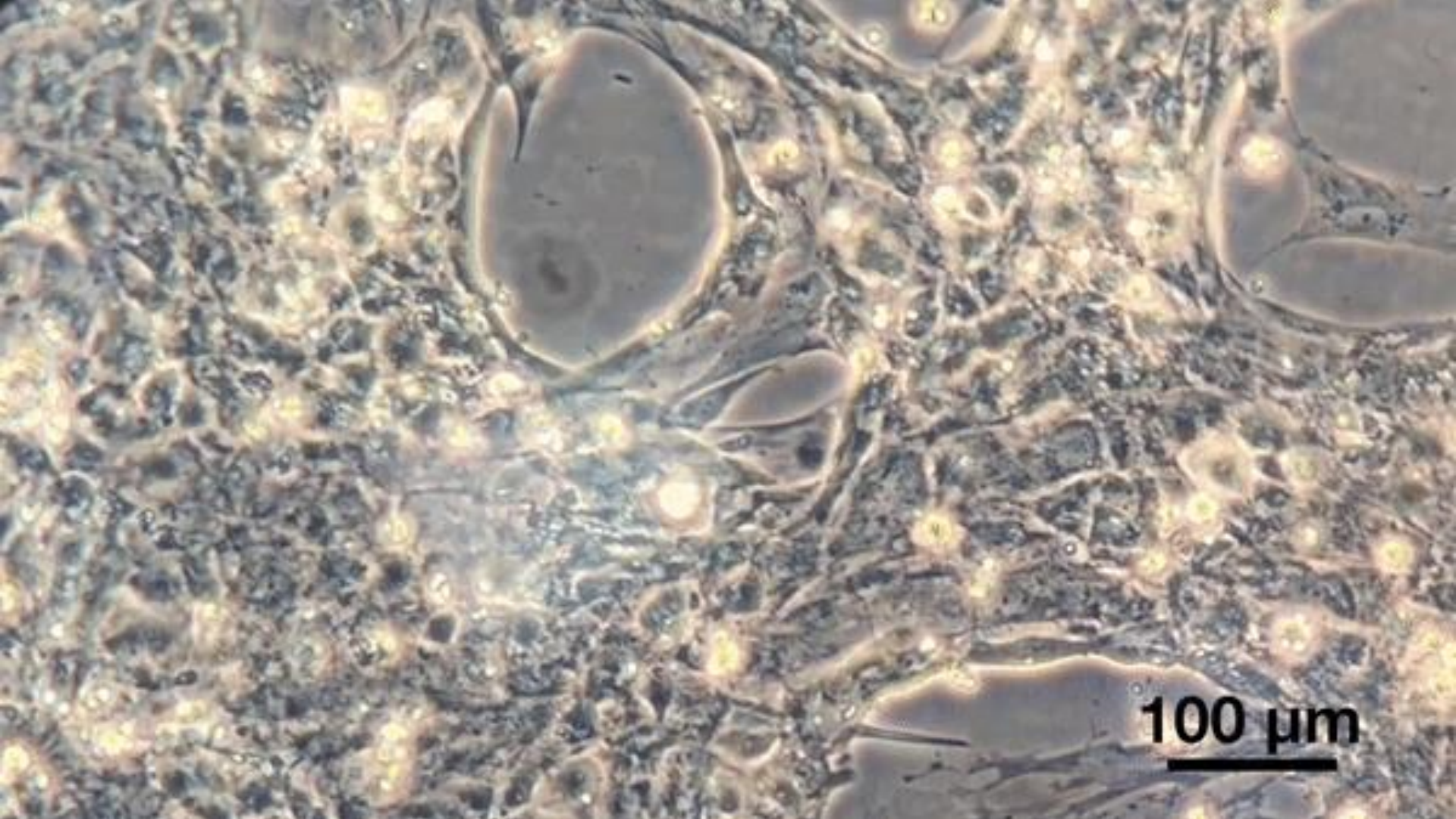
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Student number: 4477340



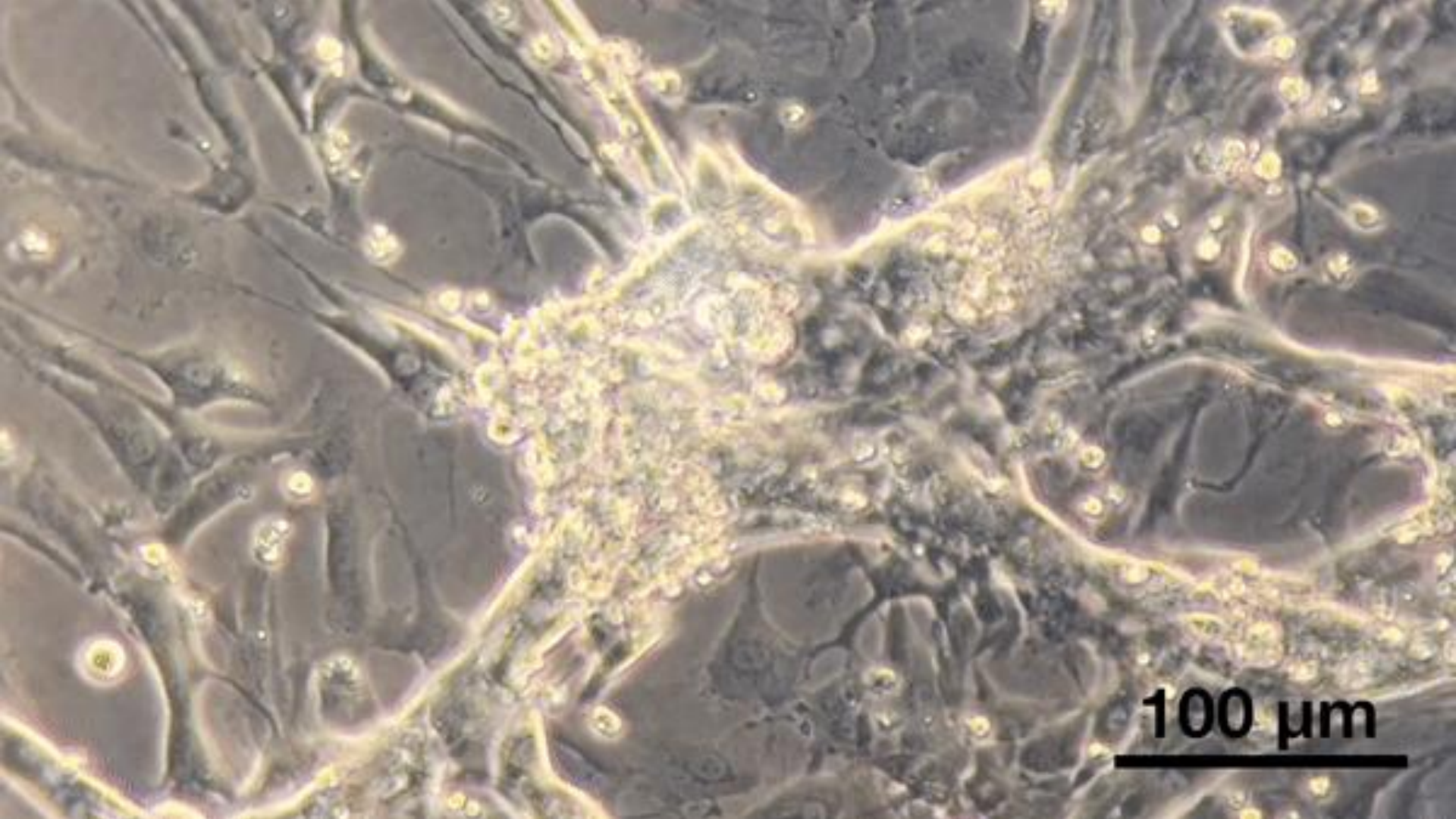
Movie 1. Cardiomyocytes. Cardiomyocytes were day 16 after differentiation.

MOVIE ONLY PLAYS IN PRESENTATION MODE



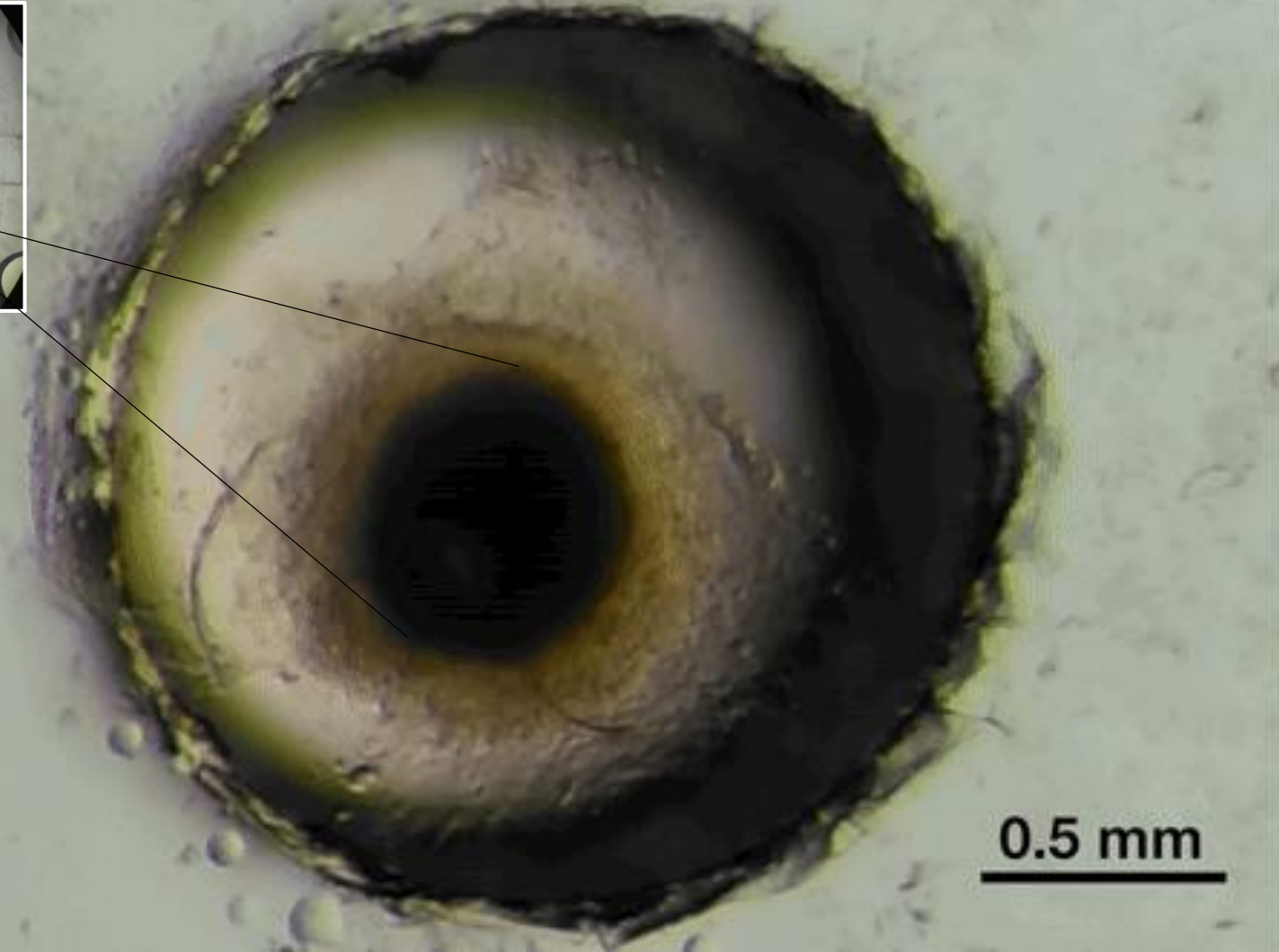
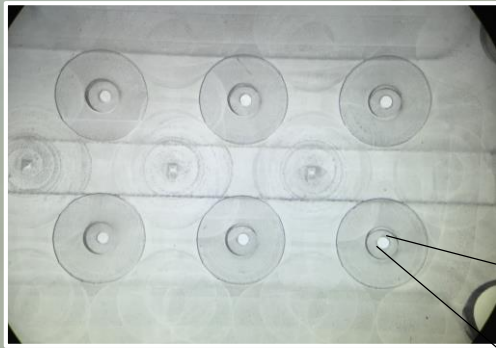
Movie 2. Co-culture of cardiomyocytes and endothelial cells. Movie was recorded the day after the co-cultures were made. Cardiomyocytes were day 27 after differentiation and endothelial cells were passaged 2 times.

MOVIE ONLY PLAYS IN PRESENTATION MODE



Movie 3. Co-culture of cardiomyocytes and endothelial cells. Movie was recorded on the day the co-cultures were made. Cardiomyocytes were day 22 after differentiation and endothelial cells were passaged 3 times.

MOVIE ONLY PLAYS IN PRESENTATION MODE



Movie 4. Heart-on-chip. Beating cardiomyocytes on the chip.

MOVIE ONLY PLAYS IN PRESENTATION MODE