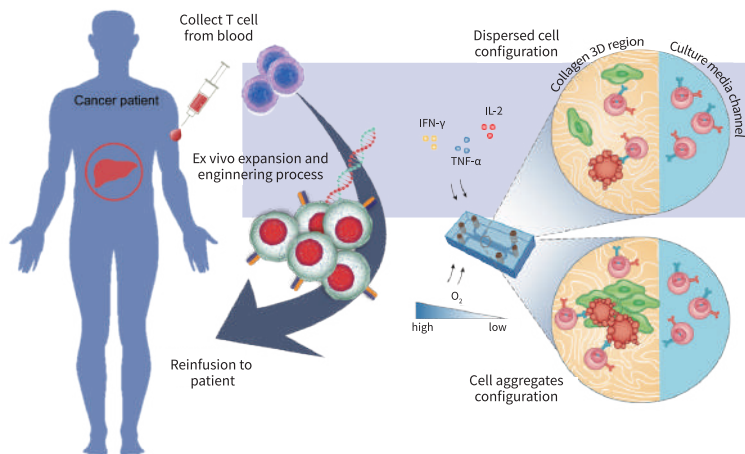
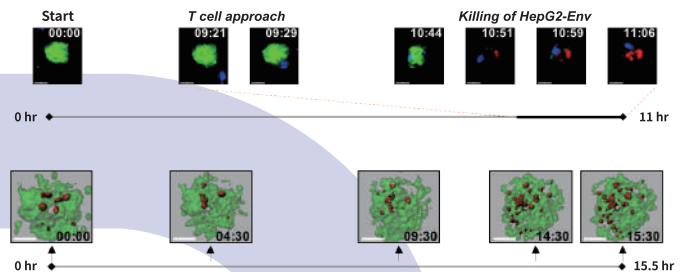


# 3D-Organo-Chip T cell Therapy

## 01 Test the efficiency of engineered T cells in a 3D tumor microenvironment



## 02 Observe interactions between T cells & Cancer cells / Organoids

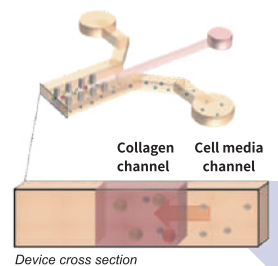


- Cancer로 접근하는 T cell의 이동성 및 효능 확인

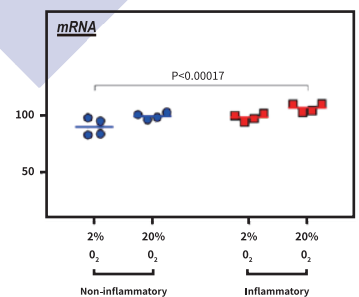
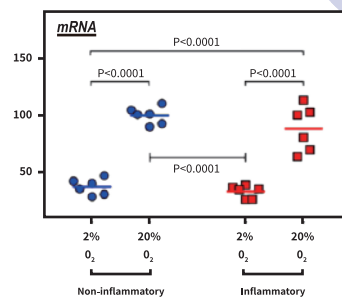
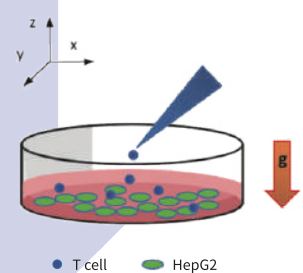
## 03 Gain novel insights with an organotypic 3D model



### 3D assay Chemotaxis migration in xyz direction



### 2D assay Gravitational settling in z direction



- 3D와 2D test의 확연한 결과 차이 확인

- **3D in vitro model** for research or QC
- **Pre-clinical test** for polytherapeutic applications
- **Killing efficiency test** for engineered T cells

## Others

- Injectable 3D Hydrogel
- Cell viability
- Cytotoxicity
- 3D Spheroid Chip