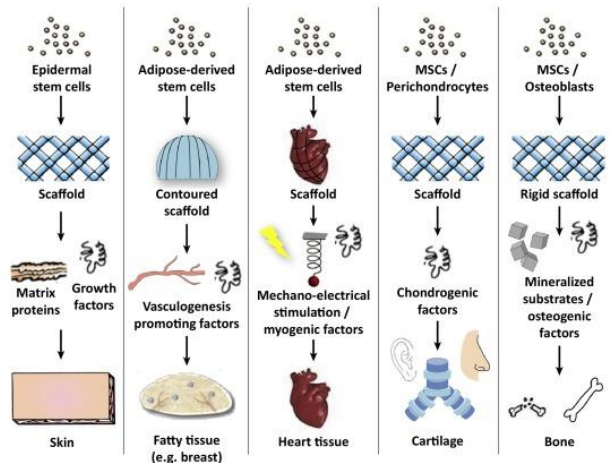


מפגש סיעור מוחות לקראת
התארגנות למאגד פיתוח טכנולוגיות
להנדסה ולהדפסה תלת-ממדית של
תאים, רקמות ואיברים

Stem cells / Progenitors / Terminally differentiated cell

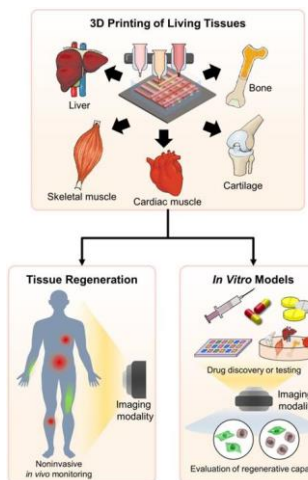
Single or multiple cell type

3D- Scaffold



Trends in Biotechnology

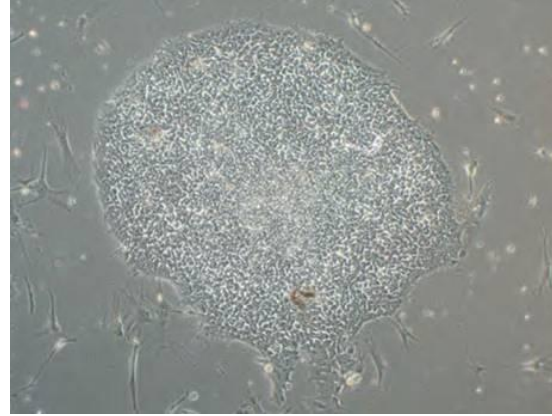
3D Bioprinting + Scaffold + Bio Ink



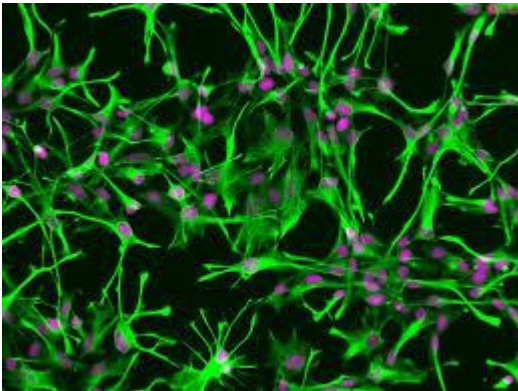
- In-Vitro Models Drug Screening / Tox
- Tissue for Implantation

Current Product Modalities

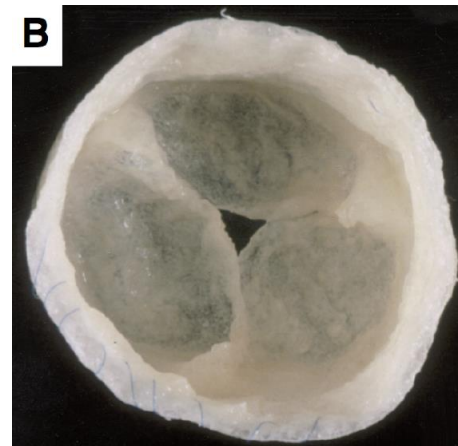
hESC/iPS/MSC



Cell Suspension
Progenitors/ Terminally
Differentiated Cells



Engineered Tissue
or Patch



Functional
Organ



New Technologies / Technological Gaps

- **3D printing of bio ink/scaffold from different kind/nature/conditions**
- **Controlled Regeneration before and post implantation**
- **Tissue/Product preservation- post production and "of the shelf"**
- **Attenuation of rejection**
- **Scaffolds - Biodegradable/Suitability/Sustainability**
- **???**