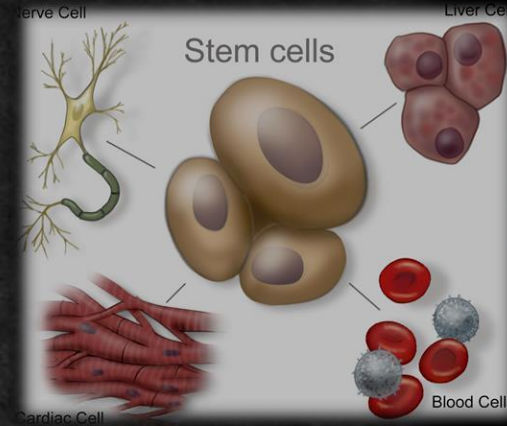


Onarımsal Tıp

(Rejeneratif Tıp)



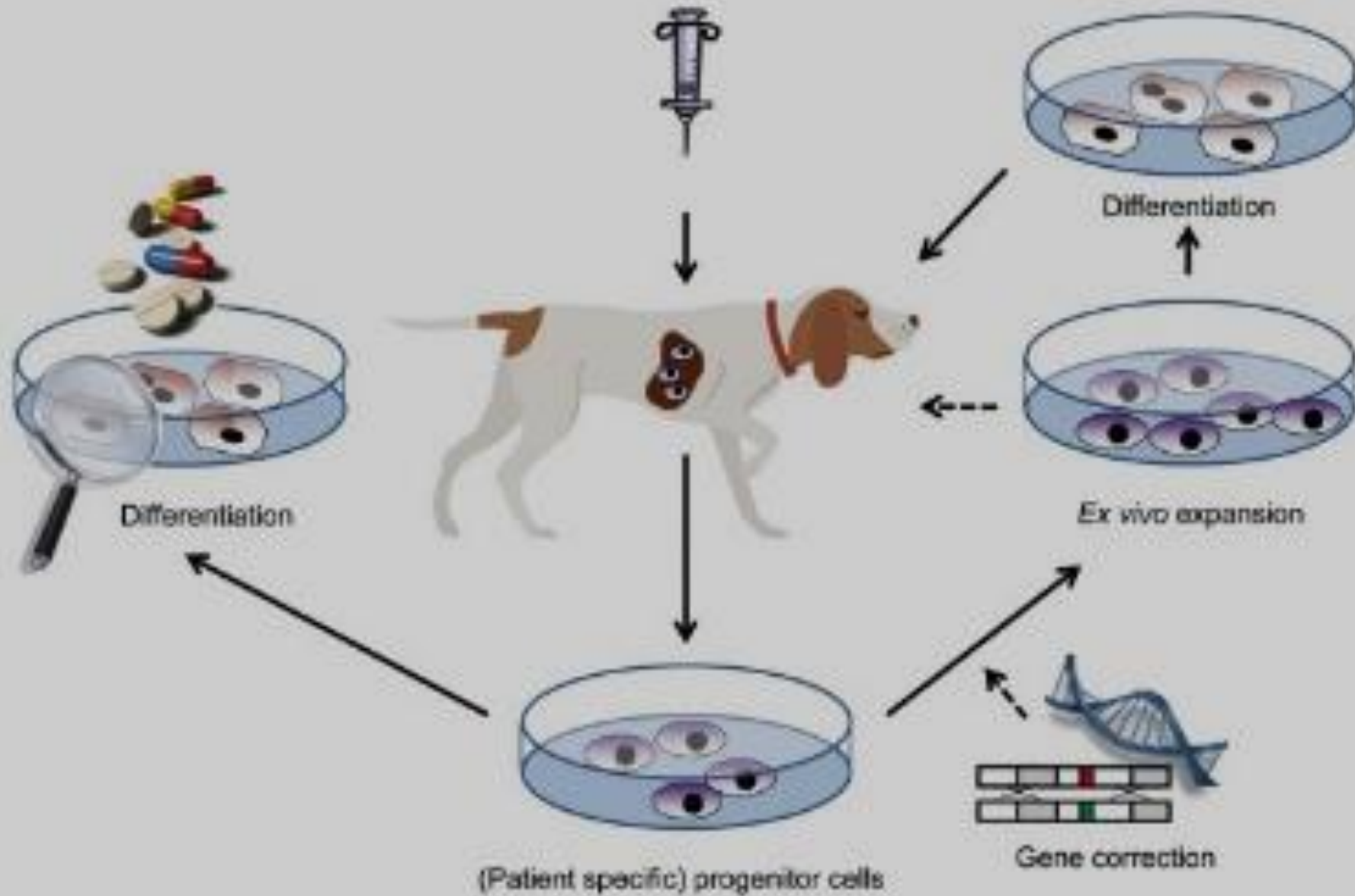
AMAÇ

- ◆ Hasta tedavisi
- ◆ İlaç Geliştirme
- ◆ Drug delivery
- ◆ Tedavi yöntemi geliştirme

Disease modeling

In vivo targeting

Transplantation



Transplants

Available today to treat:

Metabolic Disorders

Krabbe Disease
Hurler Syndrome

Blood Cancers

Leukaemia
Lymphoma
Myeloma

Solid Tumours

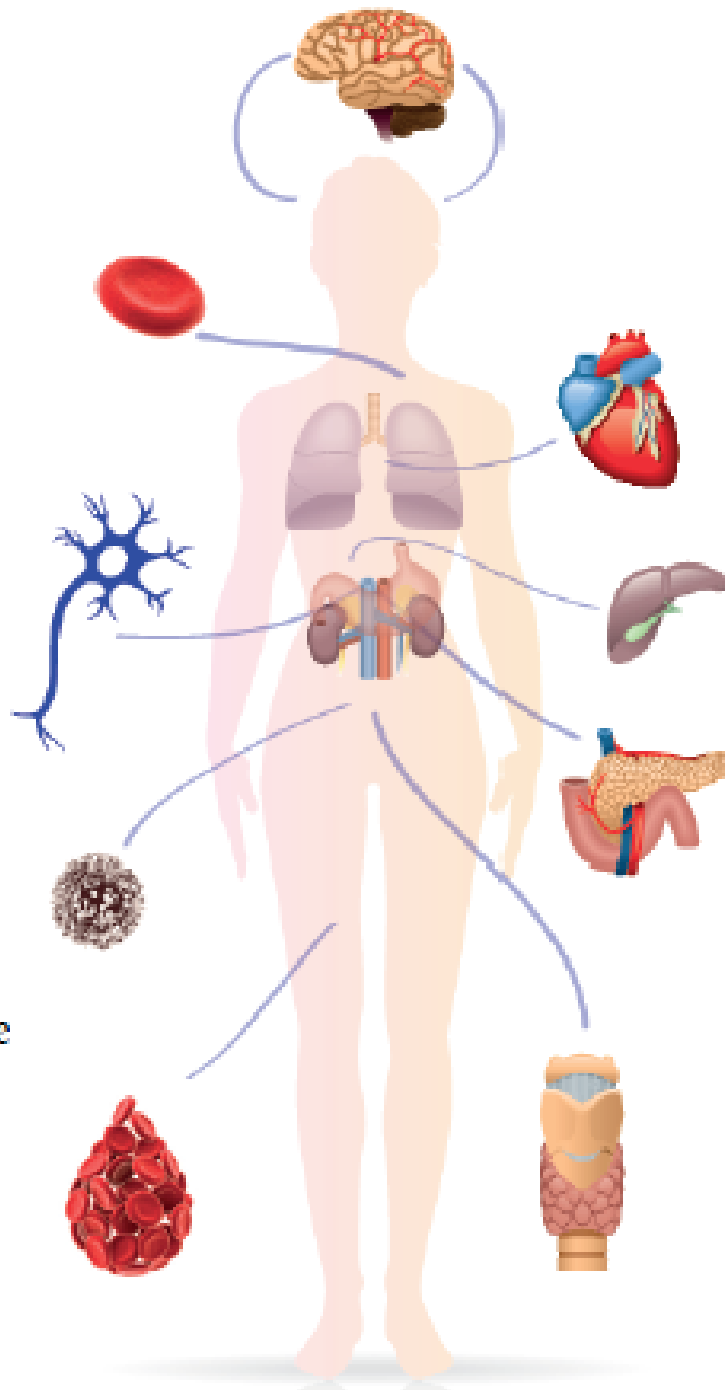
Neuroblastoma

Immune Disorders

SCID
Wiskott-Aldrich Syndrome

Blood Disorders

Sickle Cells Anemia
Aplastic Anemia
Fanconi Anemia



Regenerative Therapy

Being researched to treat:

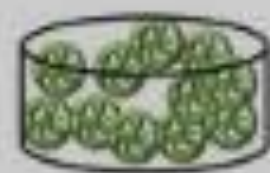
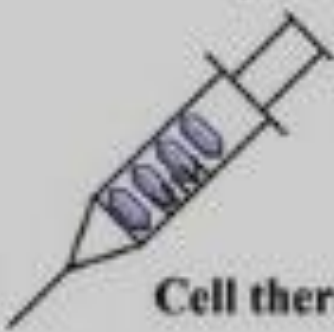
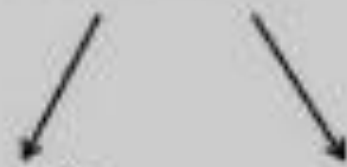
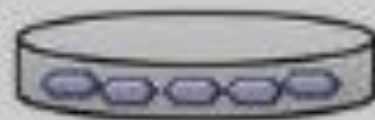
Cancer
Brain Injury
Multiple Sclerosis
Cerebral Palsy
Parkinson's Disease
Alzheimer's Disease
Cystic Fibrosis
Hearing Loss
Bone Fractures
Burns
Stroke
Heart Disease
Cardiac Regeneration
Liver Failure
Diabetes
Spinal Cord Injury

Tissue harvest

From cartilage, bone marrow, fat pad etc.



Cell expansion



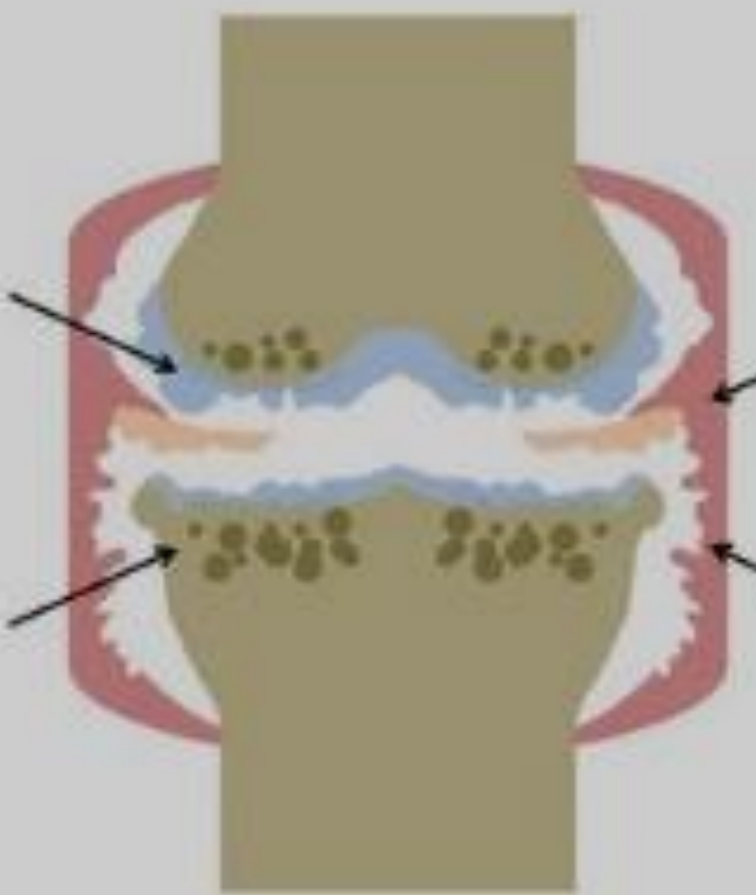
Scaffold



Bioactive factors



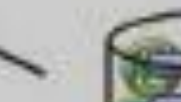
Cell-based tissue engineering



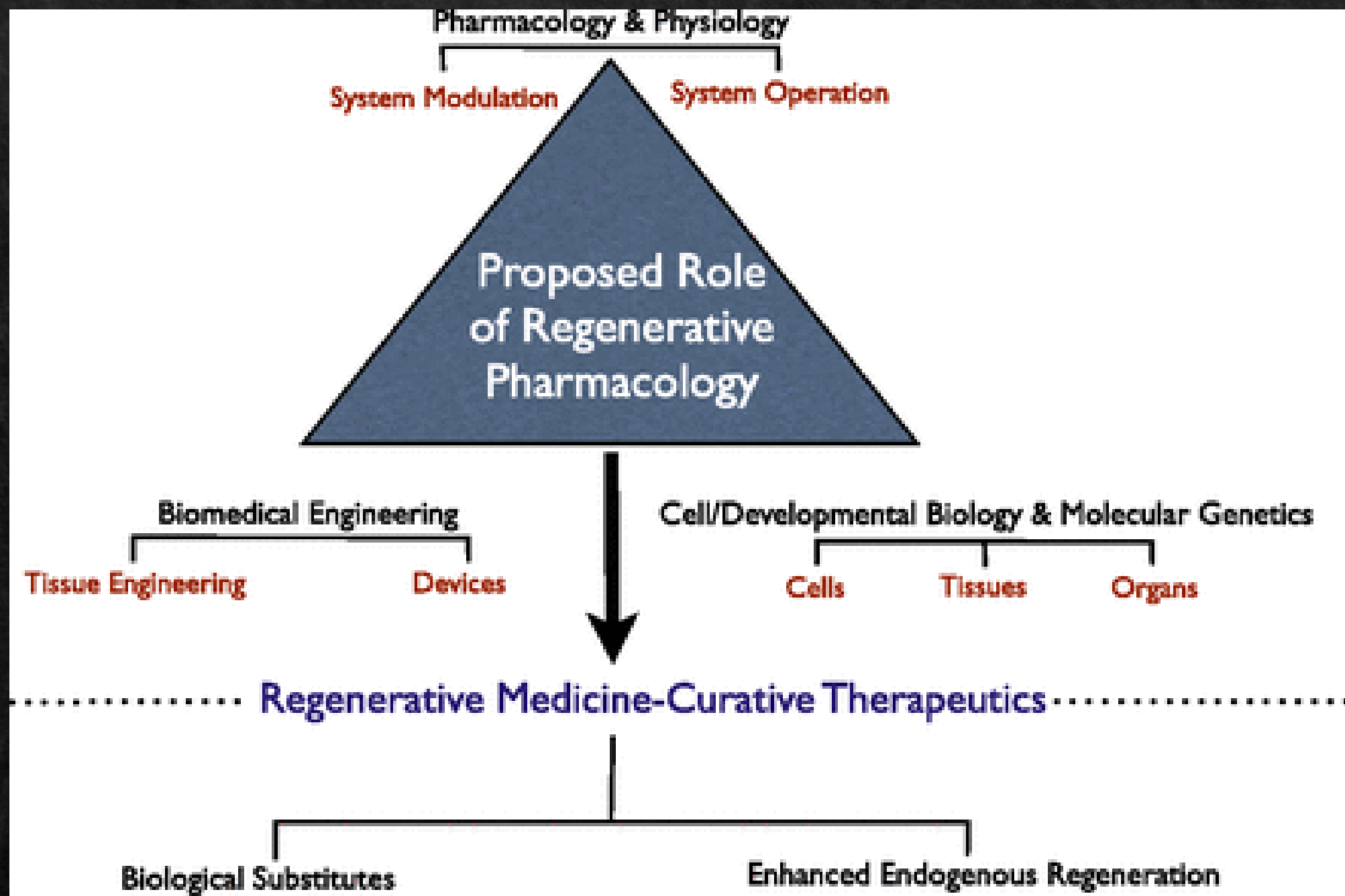
Gene therapy



Cell-free tissue engineering





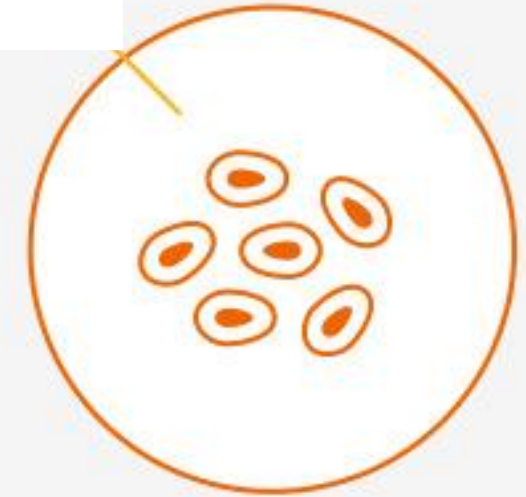




Small Molecules



Antibody Drugs



Cell Therapy/
Regenerative Medicine





Mobilization and homing by cytokines and chemokines towards infarcted myocardium



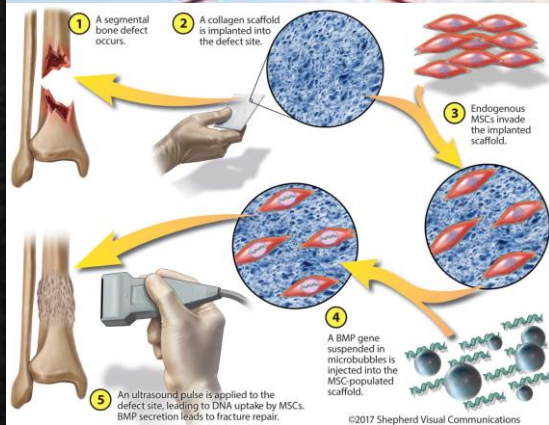
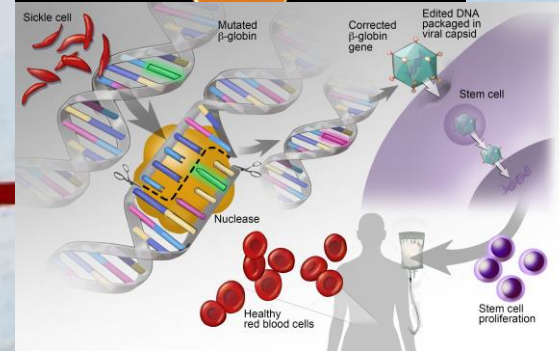
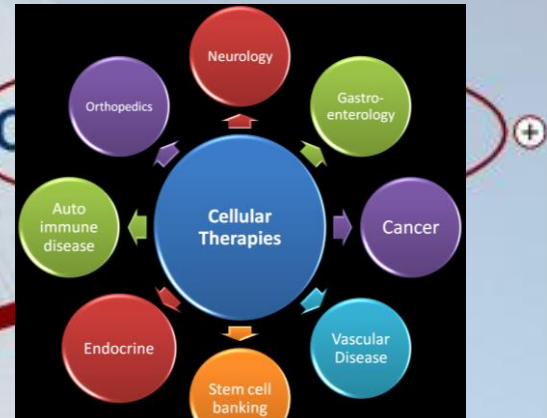
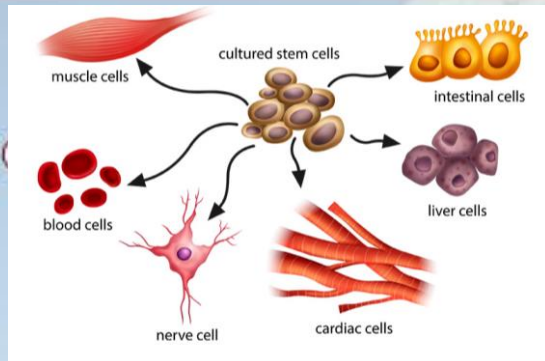
Myocardial Infarction

Regeneration

Signaling towards BM, peripheral circulation and resident cardiac stem cells my MI

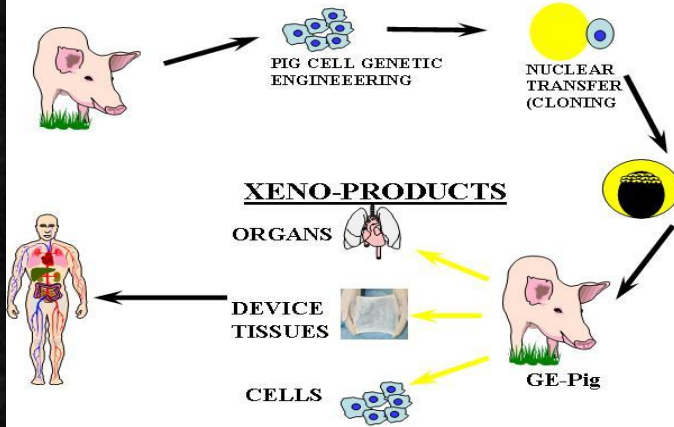
-  Growth factors and cytokines
-  BM-derived stem cells
-  Circulating stem cells
-  Cardiac stem cells

This is How the FDA Views the World of Regenerative Medicine

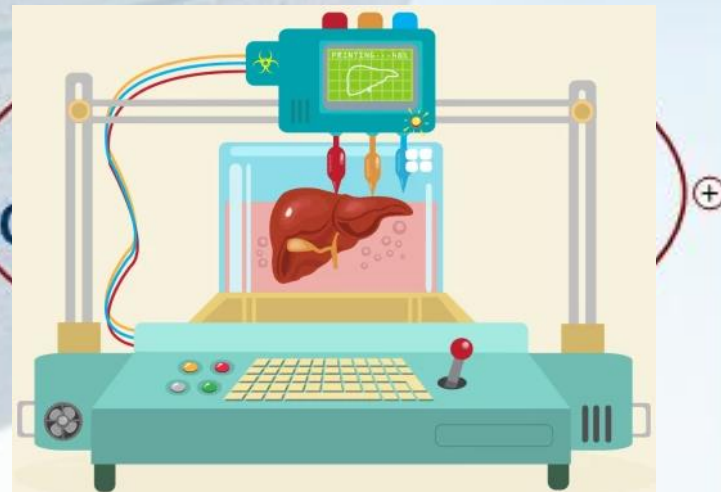


Regenerative Medicine

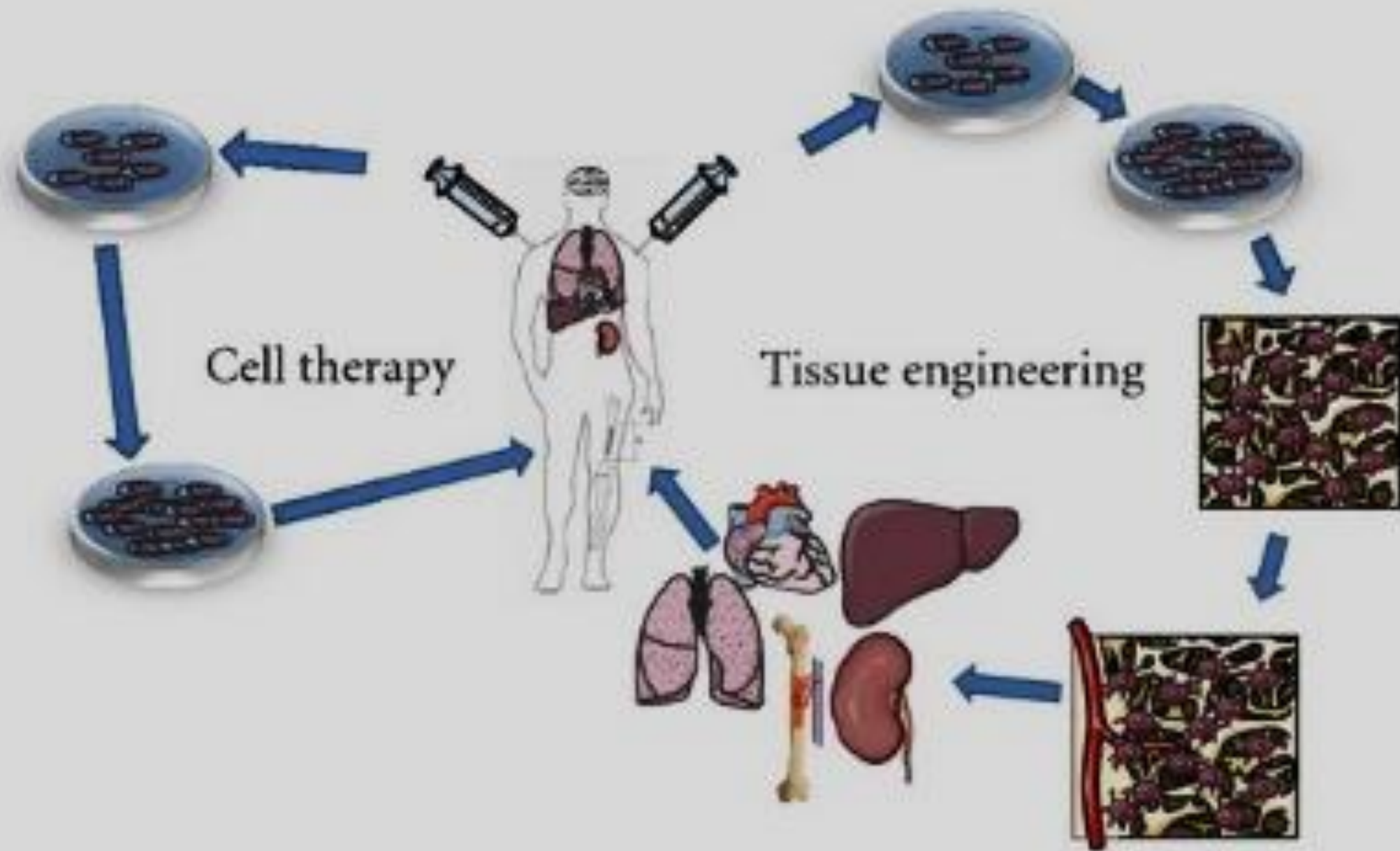
XENOGRAFT PLATFORM



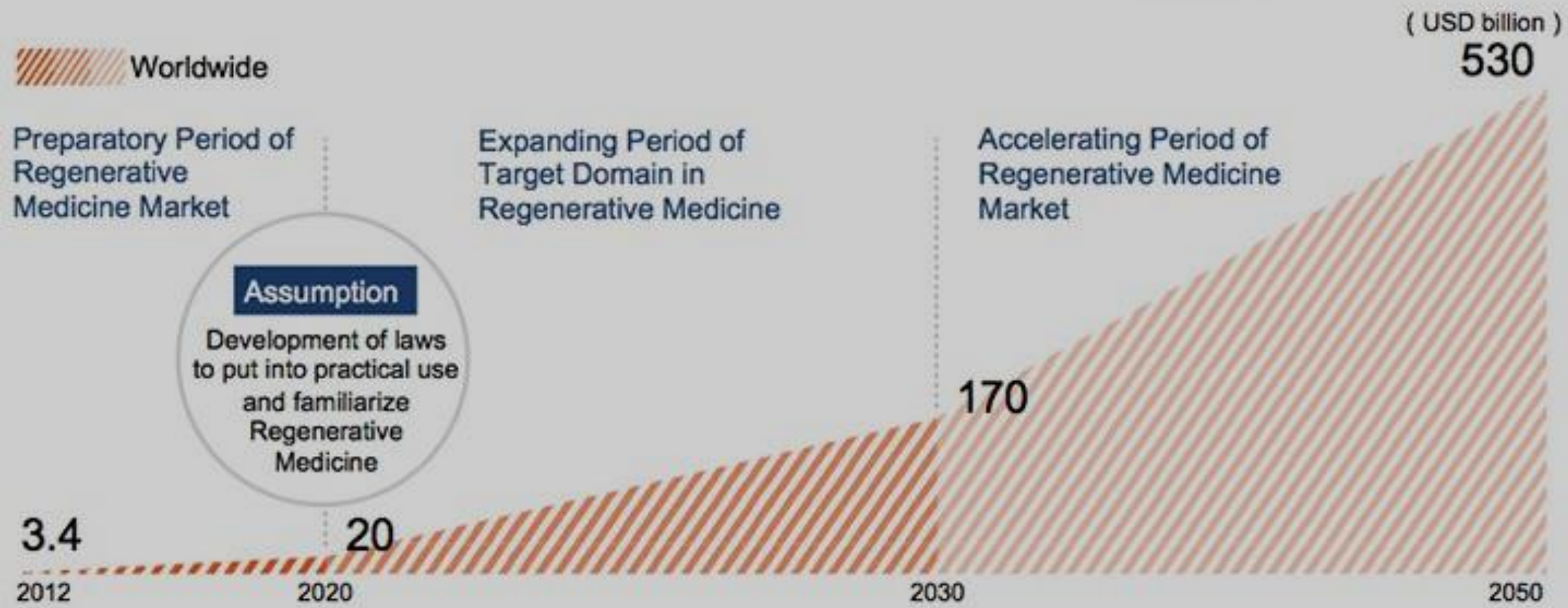
Source: regenmedguru.com





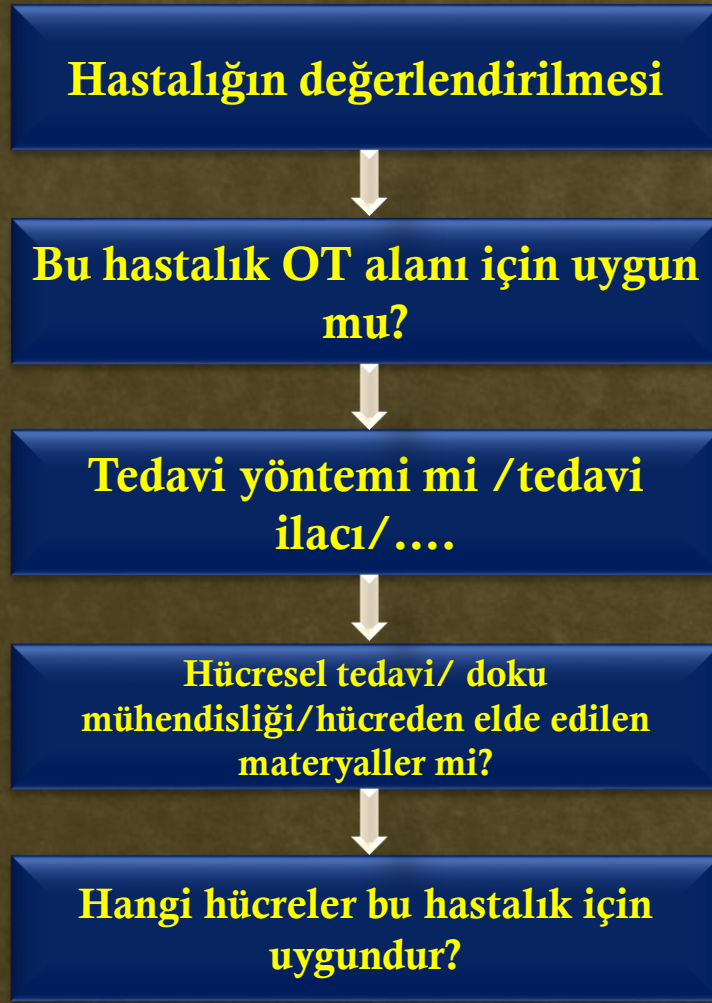


Regenerative medicine market growth

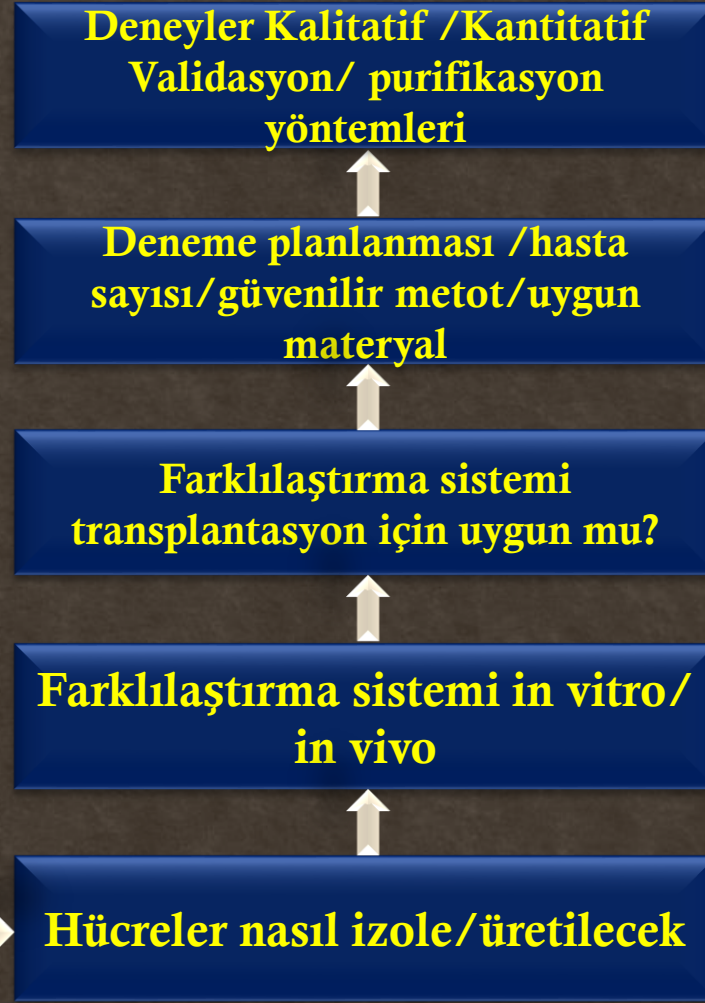


ReproCELL's Vision

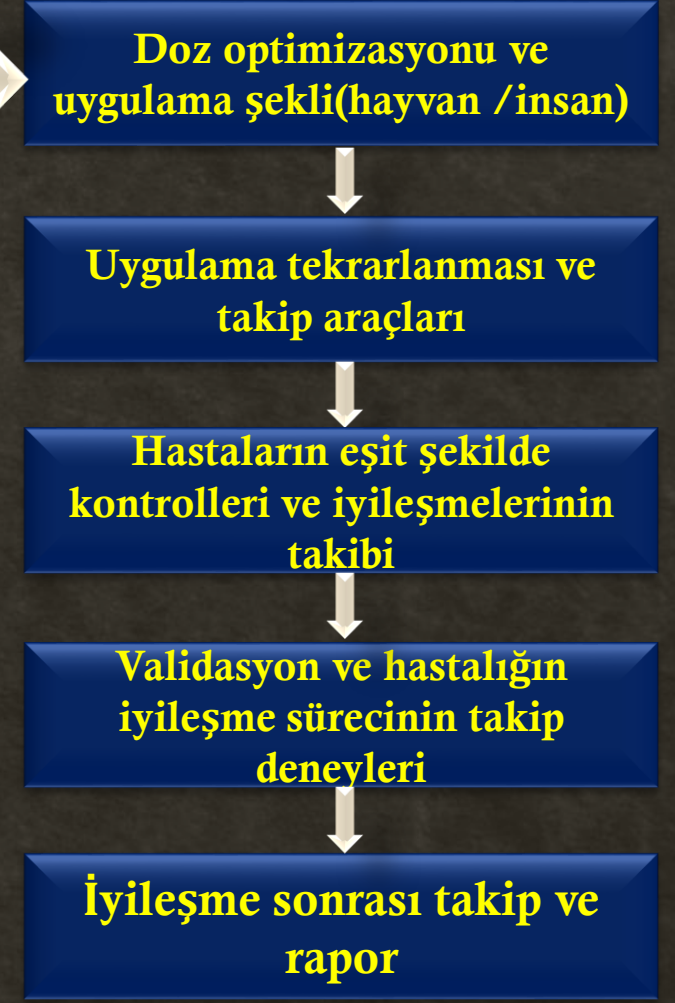




Proje Yazılmadan Önce



Laboratuvar Dene ylerinin Planlanması



Transplantasyon ve İyileşmenin takibi

Onarımsal Tıp alanında tedavi stratejileri ve proje planlaması