



SAĞLIKTA ÖNCELİKLİ ALANLAR

Emil Mammadov

Mevcut arařtırma eğilimleri

- Geçmiş problemler
- Mevcut tanı ve tedavi protokolleri
- Yeni buluşlar-yaklaşımlar-tedaviler



Nasıl Bulacađım?

Yüksek etki faktörlü dergiler

Rank	Full Journal Title	Journal Impact Factor
1	CA-A CANCER JOURNAL FOR CLINICIANS	187.040
2	NEW ENGLAND JOURNAL OF MEDICINE	72.406
3	NATURE REVIEWS DRUG DISCOVERY	57.000
4	CHEMICAL REVIEWS	47.928
5	LANCET	47.831
6	NATURE REVIEWS MOLECULAR CELL BIOLOGY	46.602
7	JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION	44.405
8	NATURE BIOTECHNOLOGY	41.667
9	NATURE REVIEWS GENETICS	40.282
10	NATURE	40.137
11	NATURE REVIEWS IMMUNOLOGY	39.932
12	NATURE MATERIALS	39.737
13	Nature Nanotechnology	38.986
14	CHEMICAL SOCIETY REVIEWS	38.618
15	Nature Photonics	37.852
16	SCIENCE	37.205
17	NATURE REVIEWS CANCER	37.147
18	REVIEWS OF MODERN PHYSICS	36.917
19	LANCET ONCOLOGY	33.900
20	PROGRESS IN MATERIALS SCIENCE	31.140



GENOM-HÜCRE

DOKU-ORGAN

İNSAN





GENOM-HÜCRE

- ❖ Genomik
- ❖ Kök Hücre
- ❖ CRISPR

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- ❖ Doku Mühendisliği
- ❖ Biyomalzeme
- ❖ 3D yazıcılar



GENOM-HÜCRE

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❖ **Hastalıklar**

❖ **Kanser**

❖ **Yaşlanma**



GENOM-HÜCRE

- ❖ Genomik
- ❖ Kök Hücre
- ❖ CRISPR

DOKU-ORGAN

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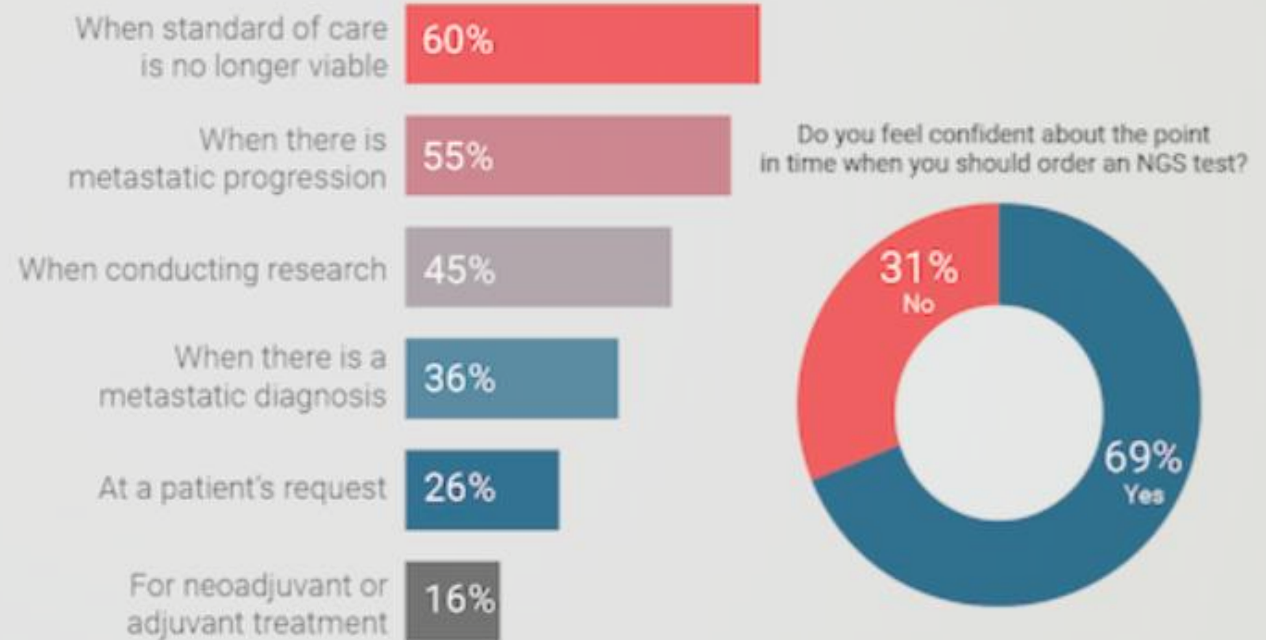
GENOM-HÜCRE

❖ **Genomik**

❖ **Kök Hücre**

❖ **CRISPR**

When to Order Genomic Testing



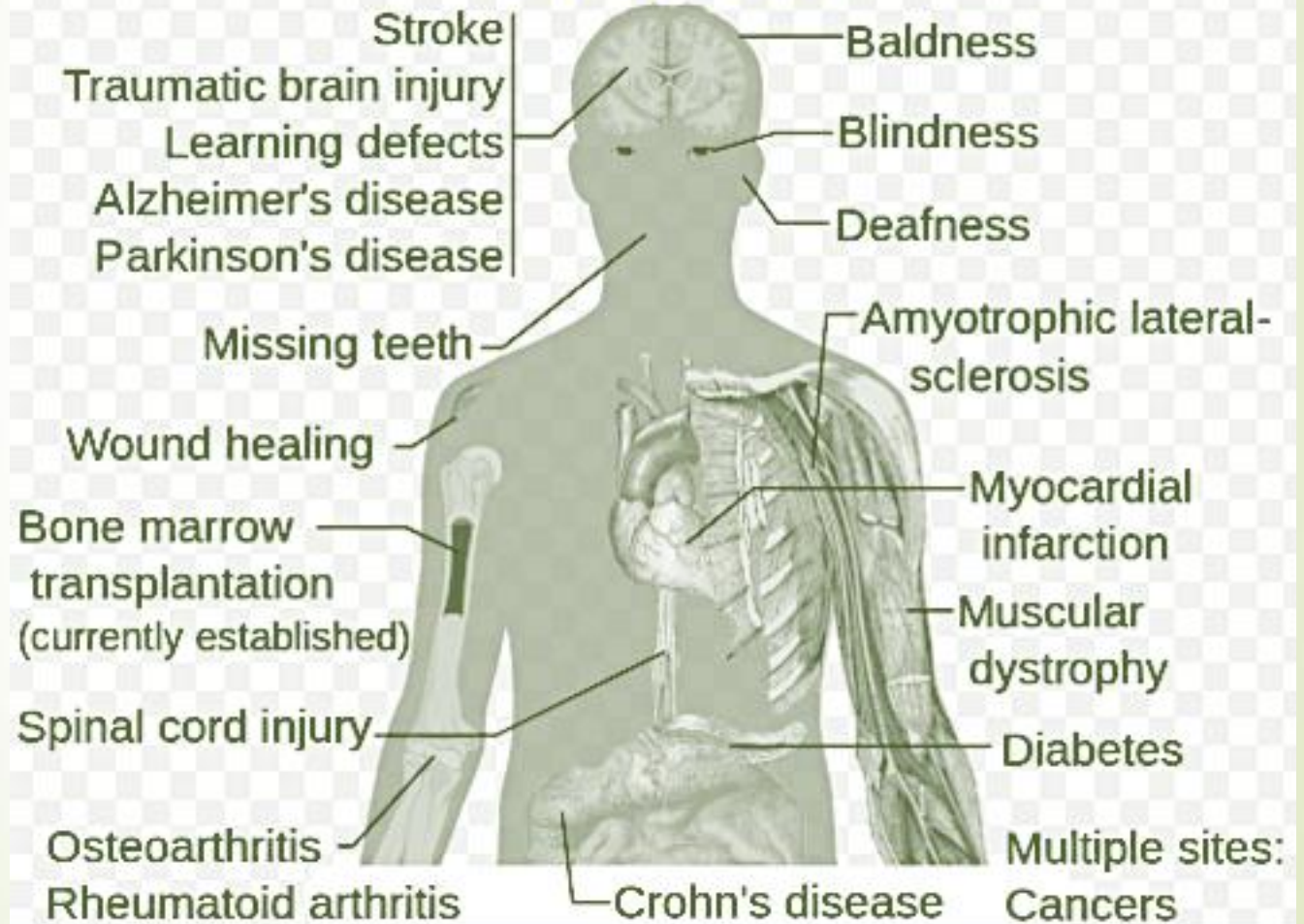
GENOM-HÜCRE

❖ Genomik

❖ Kök Hücre

❖ CRISPR

Potential uses of Stem cells

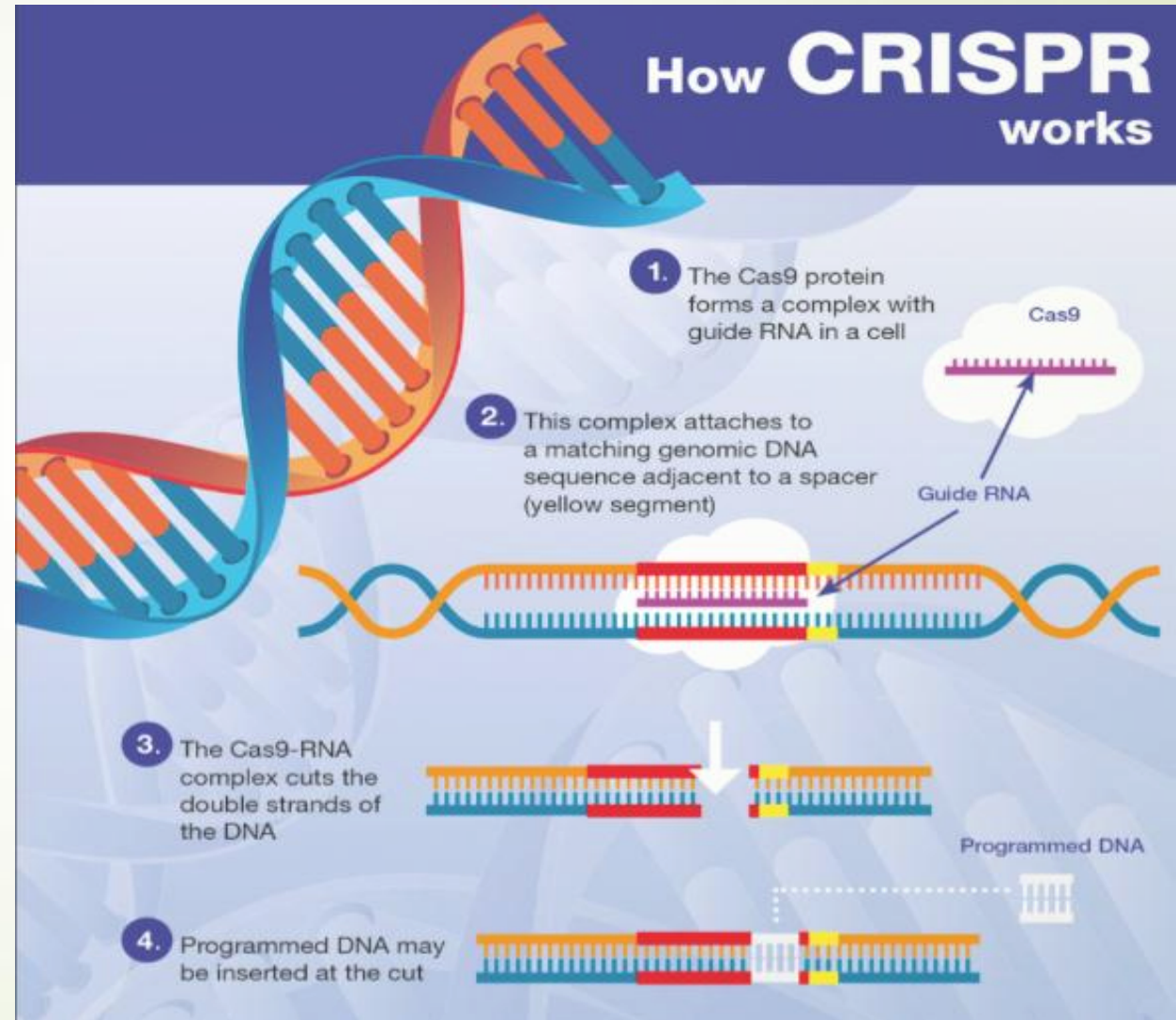


GENOM-HÜCRE

❖ Genomik

❖ Kök Hücre

❖ **CRISPR**






GENOM-HÜCRE

DOKU-ORGAN

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GENOM-HÜCRE

DOKU-ORGAN

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- ❖ Doku Mühendisliği
- ❖ Biyomalzeme
- ❖ 3D yazıcılar

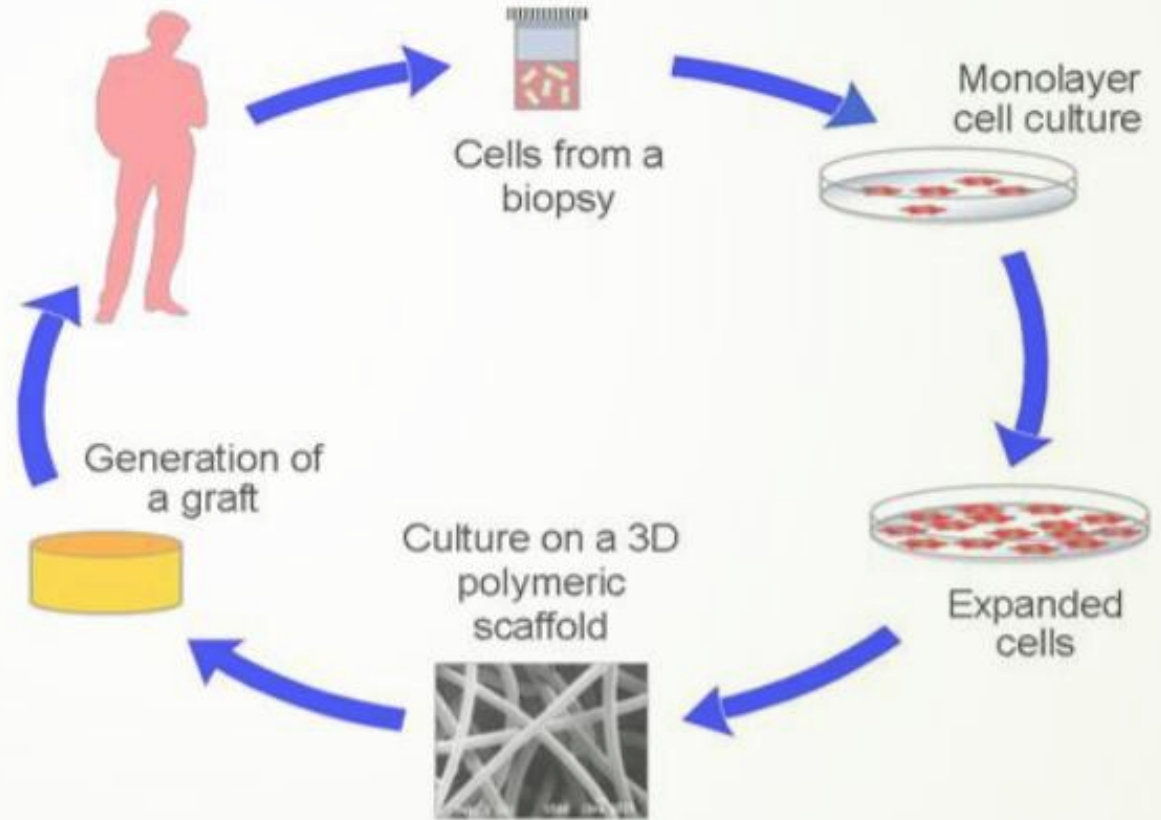
DOKU-ORGAN

❖ **Doku
Mühendisliği**

❖ **Biyomalzeme**

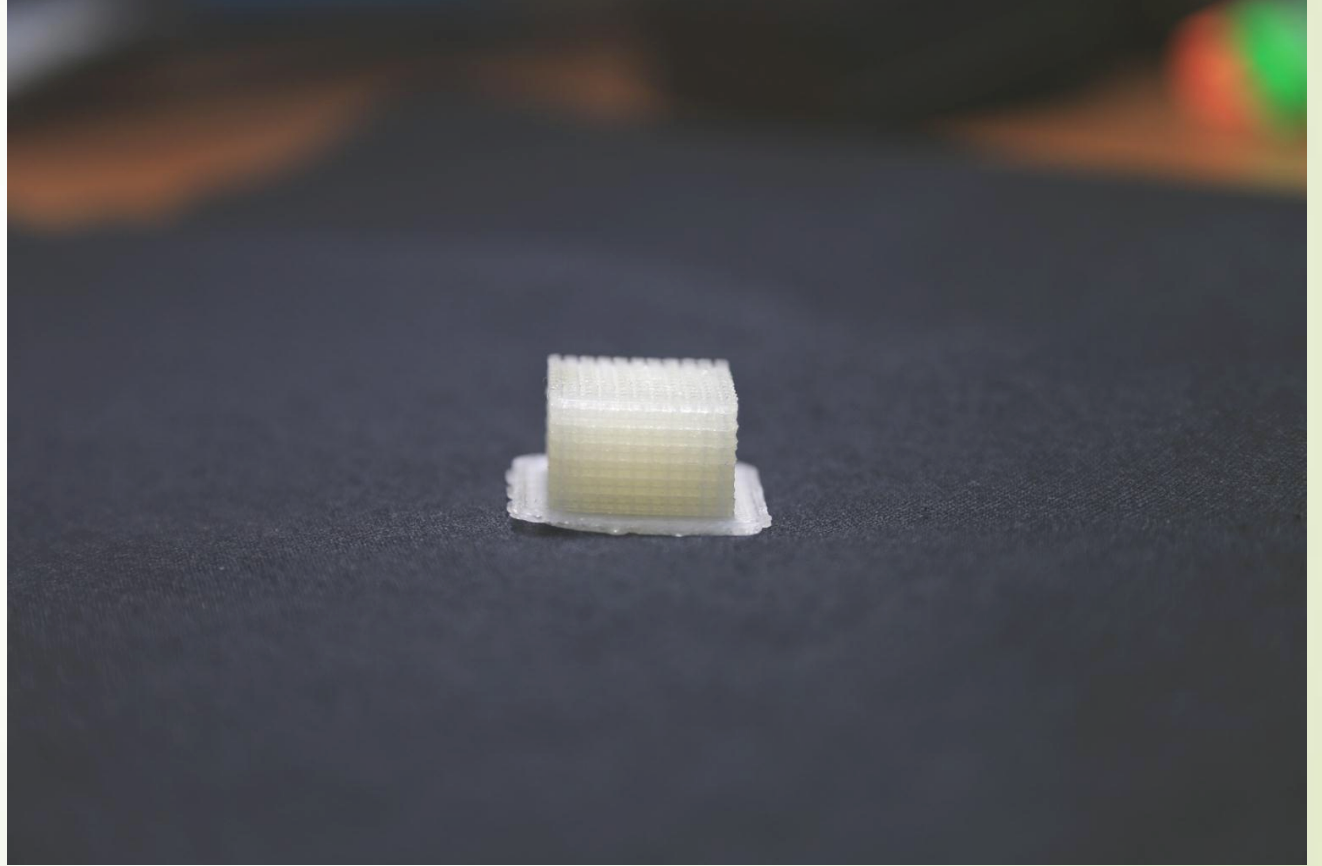
❖ **3D yazıcılar**

Basic principles of Tissue engineering



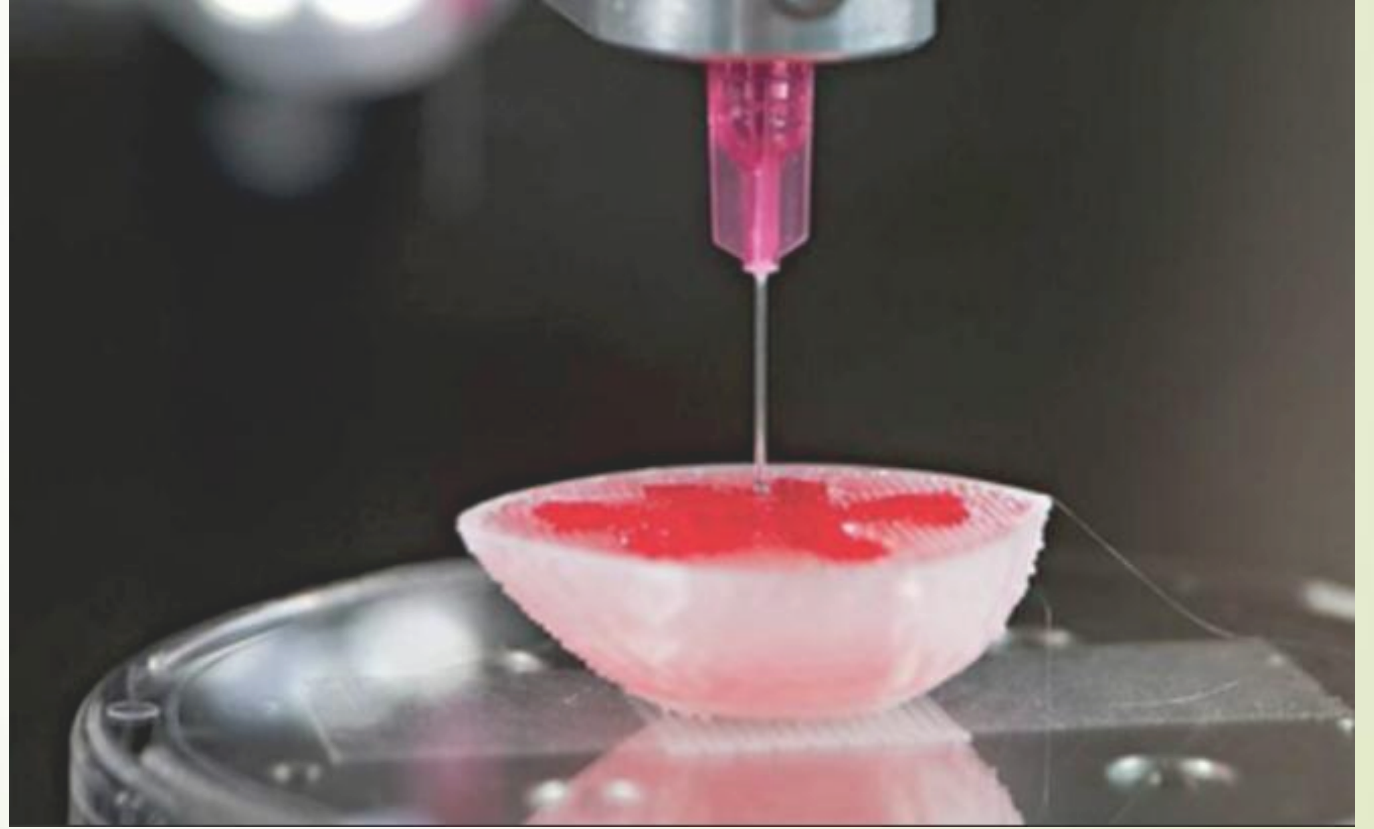
DOKU-ORGAN

- ❖ Doku Mühendisliđi
- ❖ **Biyomalzeme**
- ❖ 3D yazıcılar



DOKU-ORGAN

- ❖ Doku Mühendisliđi
- ❖ Biyomalzeme
- ❖ 3D yazıcılar






GENOM-HÜCRE

DOKU-ORGAN

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GENOM-HÜCRE

DOKU-ORGAN

İNSAN

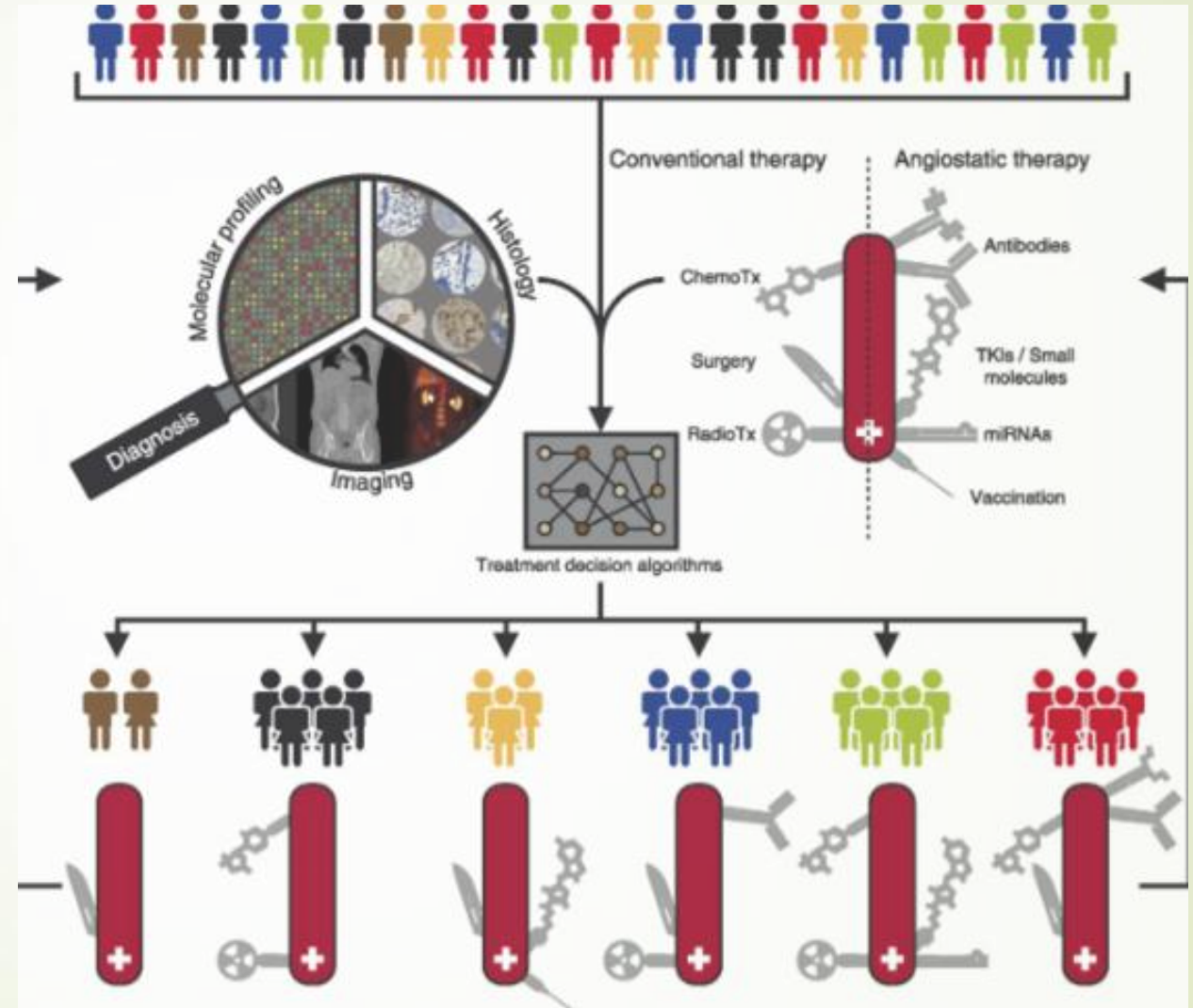
❖ **Hastalıklar**

❖ **Kanser**

❖ **Yaşlanma**

İNSAN

- ❖ Hastalıklar
- ❖ Kanser
- ❖ Yaşlanma



İNSAN

❖ Hastalıklar

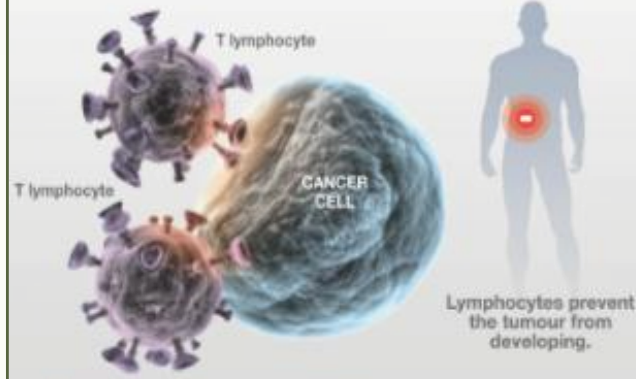
❖ **Kanser**

❖ Yaşlanma

This is how the new immunotherapy for cancer works

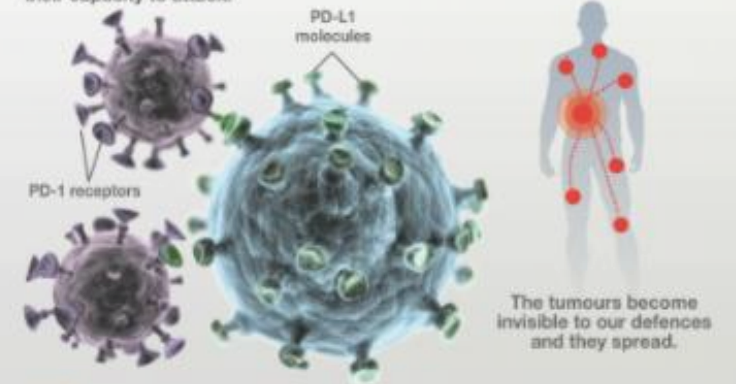
1. Normal work of the immune system

T lymphocytes are the cells of the immune system that identify tumour cells and destroy them.



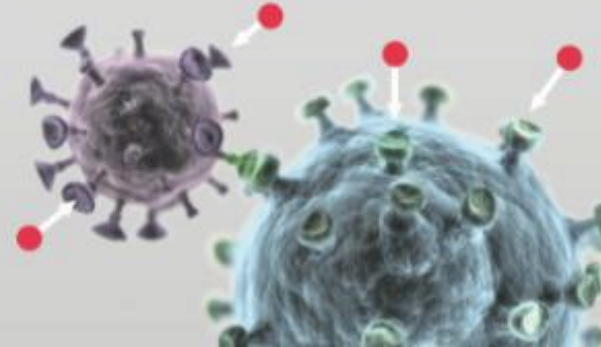
2. Camouflage of tumour cells

Some tumour cells arm themselves with a shield of molecules called PD-L1. Lymphocytes possess PD-1 receptors which, by bonding to these traps, destroy their capacity to attack.



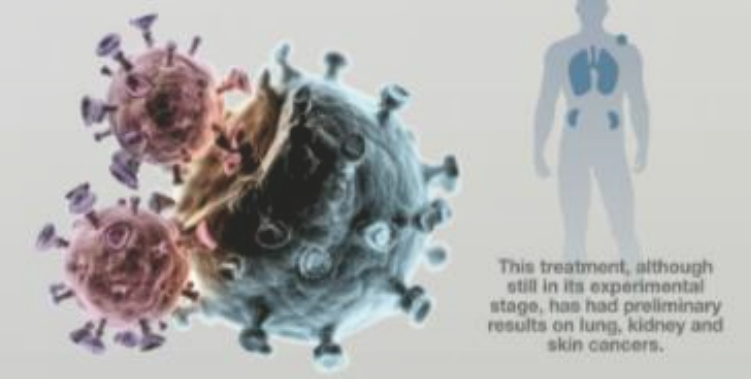
3. Action of the new inhibitor drugs

The new drugs based on antibodies block PD-1 from the cells of the immune system and PD-L1 from tumour cells to prevent their fatal action.



4. Result of immunotherapy

Lymphocytes, once freed from their blindness by the drug, regain their defence potential. They recognise cancer and reduce it.



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- ❖ Hastalıklar
- ❖ Kanser
- ❖ Yaşlanma

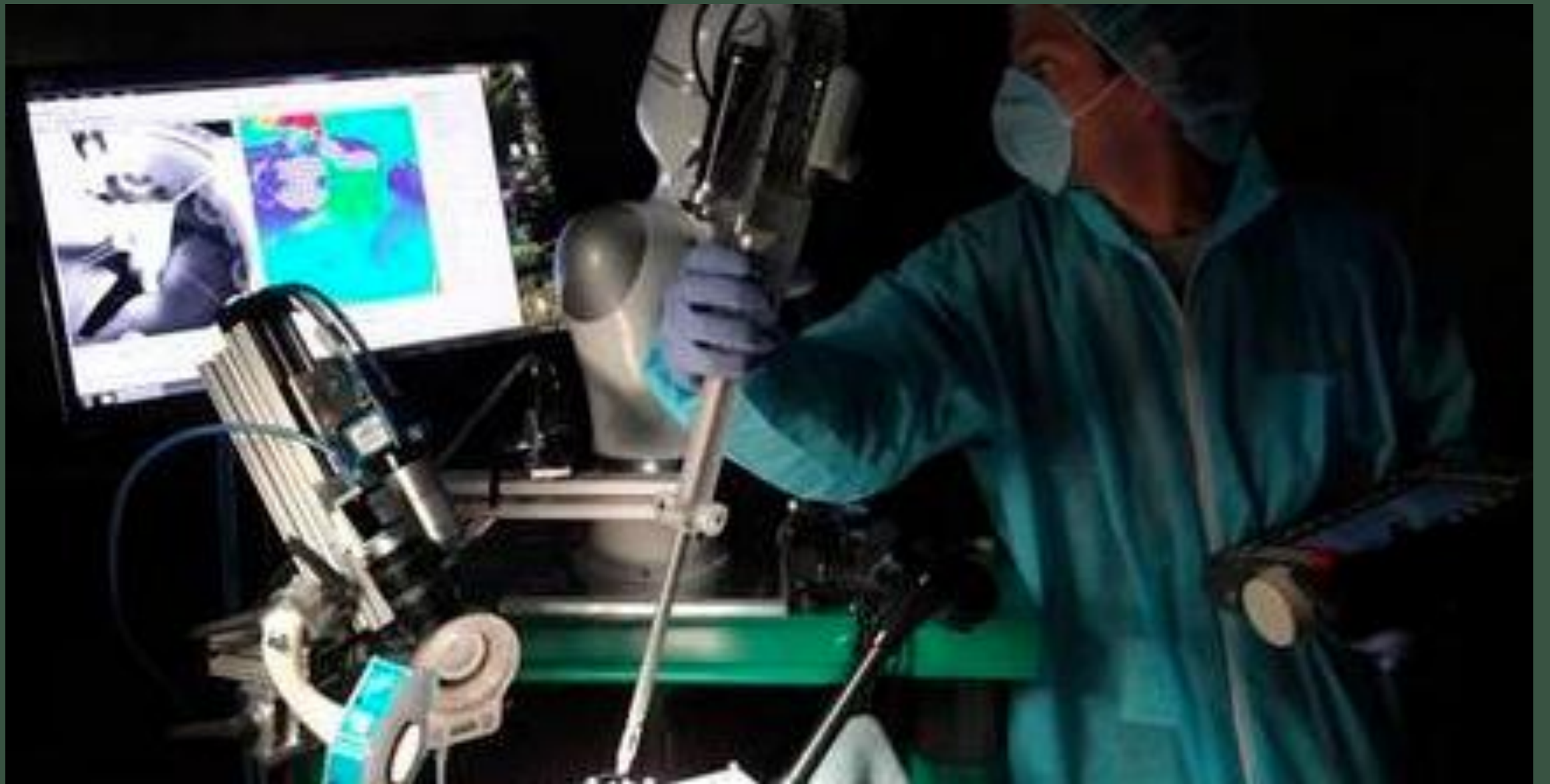
Would You Want to
LIVE FOREVER?

Peki teknoloji?











A



B



C



D





Siz de sađlıkta geleceđin bir parçası olun...

<http://desam.neu.edu.tr/>