



# Interesting events

in the field of economy, policy and social life

by Karimov Alibek

# School students from Pavlodar have designed a hand artificial limb for the eight-year-old boy for \$42





Galymbek Abishev and Marat Abdulkayrov together with the teacher of informatics have designed a hand artificial limb for the child who was born without fingers. “The idea to create such artificial limb has appeared at me after a meeting with this child. The artificial limb will function as a full-fledged hand – fingers will move. We have created him by means of the 3D printer. Now we wait from Almaty for the last detail for completion of work which will replace joints”, - Erkhan Mindetbayev has told. Parents of the eight-year-old boy have already agreed to establishing an artificial limb to the child.

# 15 women and 15 men in the head of state

new government of Canada



The liberal Justin Trudeau, won elections on October 19 and appointed the new tolerant government. 15 women, 15 men, from them the Minister of Defence the Sikh and two Ukrainians.

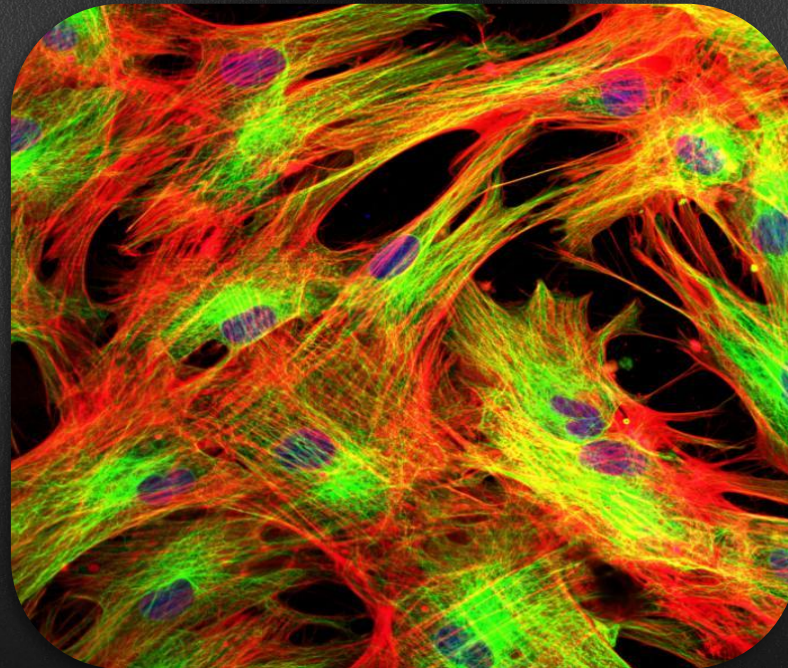
The Minister of Health — the doctor,  
The Minister of Transport — the astronaut,  
The minister of national security — the veteran of war,  
The minister of affairs of youth — is younger than 45 years,  
The Minister of Agriculture — the former farmer,  
The Minister of Emergency Situations — in the past a scout,  
The minister of innovations and economic development — the financial analyst,  
The Minister of Finance — the successful businessman,  
The Minister of Justice — the chief prosecutor and the first person of League of the Nations,  
The minister of sport — the acting Paralympian,  
The minister of fishing economy and protection of the coastline — the Eskimo,  
The minister of science — the doctor of science,  
The minister of migration policy — the recognized specialist in questions of refugees.

Sounds as a system of the ideal state.



# How skin cells could help fight cancer?

Scientists say they have made a "groundbreaking discovery" in the field of cancer treatment: a way to transform skin cells into stem cells that can target and destroy brain cancer.



Researchers from University of Northern Carolina have offered a new way of fight against glioblastoma - the most common and deadly form of a tumor of a brain. They have created the technology allowing to destroy the illness centers by means of the cells of skin reprogrammed in stem.

During research scientists have reprogrammed the cells of skin under the name of a fibroblast producing collagen and turned them into the induced neural stem cells.

These cages have been tested on mice from glioblastoma. Tests have revealed "knack" at stem cells, moving on all brain, "to track down" and destroy the remained cancer cells. Also they can make the special TRAIL protein capable to kill a tumor and, thus, increasing their anticarcinogenic abilities.

In general scientists managed to increase survival of experimental mice for 160-220 percent, depending on tumor type which animals had. In the future experts intend to conduct research with human stem cells.



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