

# Scientists and their discoveries / inventions that changed the world



Vladimir Kotelnikov




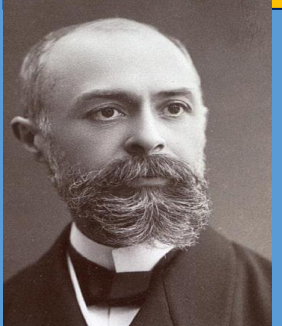
Vladimir Krasnopolsky



Igor Mitrofanov








Antoine Henri



Sergei  
rsky



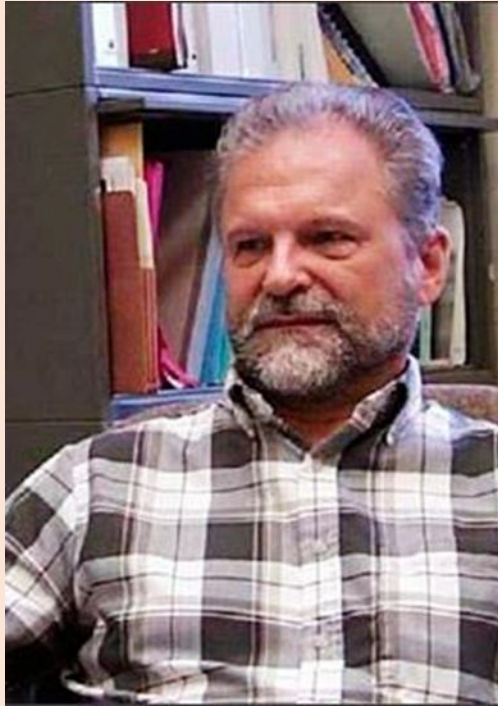
 Frederick Grant Banting (1891-1941)	 John James Rickard Macleod (1876-1935)
 James Bertram Collip (1892-1965)	 Charles Herbert Best (1899-1978)



Panarina Polina,  
school-14, form-8,  
teacher-  
Emyasheva L.V.

Sources of information

# Vladimir Krasnopolsky



**Doctor of Physical and Mathematical Sciences. Professor of the Department of Physics of the Catholic University of America (Washington, DC, USA) — one of the most famous scientists in the world working in the field of research of the planets of the Solar system. Discovered the ozone layer, helium and methane in the atmosphere of Mars.**

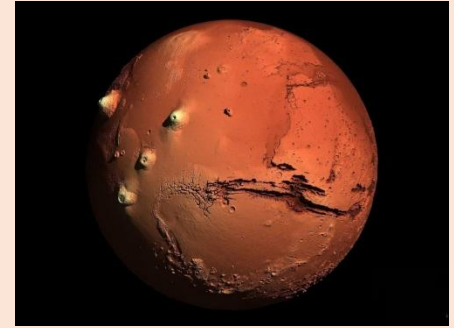
# Vladimir Kotelnikov



**Soviet and Russian scientist in the field of radio physics, radio engineering, electronics, computer science, radio astronomy and cryptography. One of the founders of the Soviet secret radio and telephone communications, is the father of all digital technologies in data transmission.**



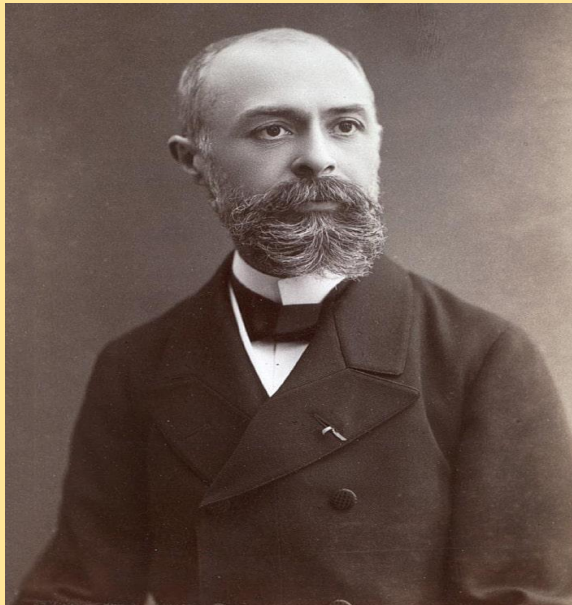
# Igor Mitrofanov



**Doctor of Physical and Mathematical Sciences, Head of the laboratory of the Space Research Institute of the Russian Academy of Sciences, author of many publications. This is the only person on the planet who discovered the water on Mars and the Moon.**



# Antoine Henri Becquerel



French physicist, winner of the Nobel Prize in Physics and one of the discoverers of radioactivity (1896). The unit of measurement of the activity of a radioactive source, the becquerel (Bq), is named after him.

# James Collip, Charles Best, Frederick Banting, John Macleod

They opened the purified block and called it "insulin" (from the Latin insula — "island"). The world's first injection of insulin to a person with diabetes was made in 1922. In 1923, the Nobel Committee awarded them the prize in physiology and medicine for this discovery.



Frederick Grant Banting  
(1891-1941)



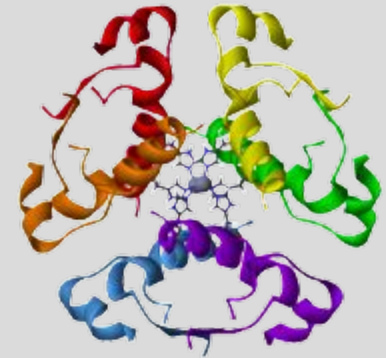
John James Rickard Macleod  
(1876-1935)



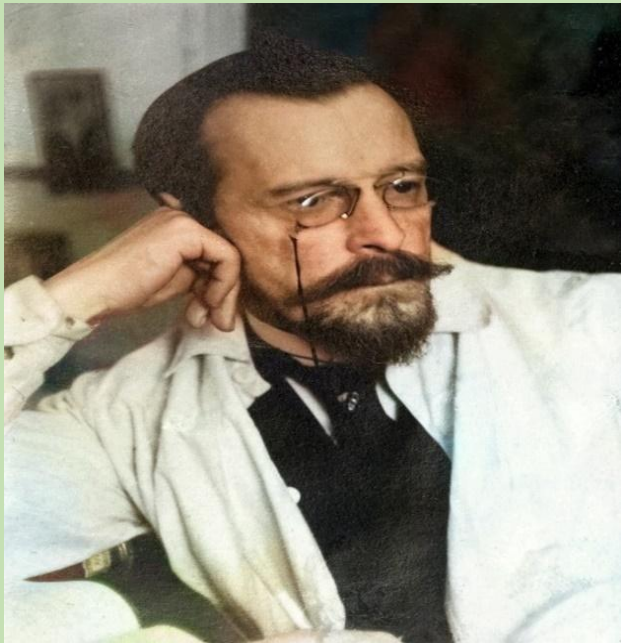
James Bertram Collip  
(1892-1965)



Charles Herbert Best  
(1899-1978)



# Sergei Prokudin-Gorsky



Russian photographer, chemist, inventor, publisher, educator, and public figure, member of the Imperial Russian Geographical, Imperial Russian Technical, and Russian Photographic Societies. He made a significant contribution to the development of photography and cinematography. Pioneer of colour photography in Russia, creator of the "Collection of sights of the Russian Empire".





<https://studyinrussia.ru/why-russia/traditions-of-education/scientists-and-discoveries/>

<https://hi-news.ru/eto-interesno/18-sluchajnyx-nauchnyx-izobretenij-i-otkrytij-iz-menivshix-mir.html#insulin>

<https://mnogoto4ka.ru/rossijskie-uchenye-i-izobreniya-kotorye-potryasli-mir/>

<https://nstarikov.ru/izobreniya-i-otkrytiya-rossijskih-uchenyh-kotorye-izmenili-mir-102045>

[https://zen.yandex.ru/media/s\\_nitkoi\\_po\\_miru/rossiiskie-genii-nashego-vremeni-ih-otkrytiia-izmenili-mir-5c77e774e4120400b32d389a](https://zen.yandex.ru/media/s_nitkoi_po_miru/rossiiskie-genii-nashego-vremeni-ih-otkrytiia-izmenili-mir-5c77e774e4120400b32d389a)