

What do YOU think ?

Replies

Explanation:

1. The first page of each question represents the answers we got on social media(the best ones) .
2. The second page represents the right answer that we revealed to our followers the next day.
3. The third page represents the statistics of a follow-up quiz we launched to see how many acquired the knowledge of the right answer.

These 3 steps were progressing into a 3 day period

Replies

What do YOU think ?

Biology is ...

The study of life

Life

The science that studies life in all its variety

What do YOU think ?

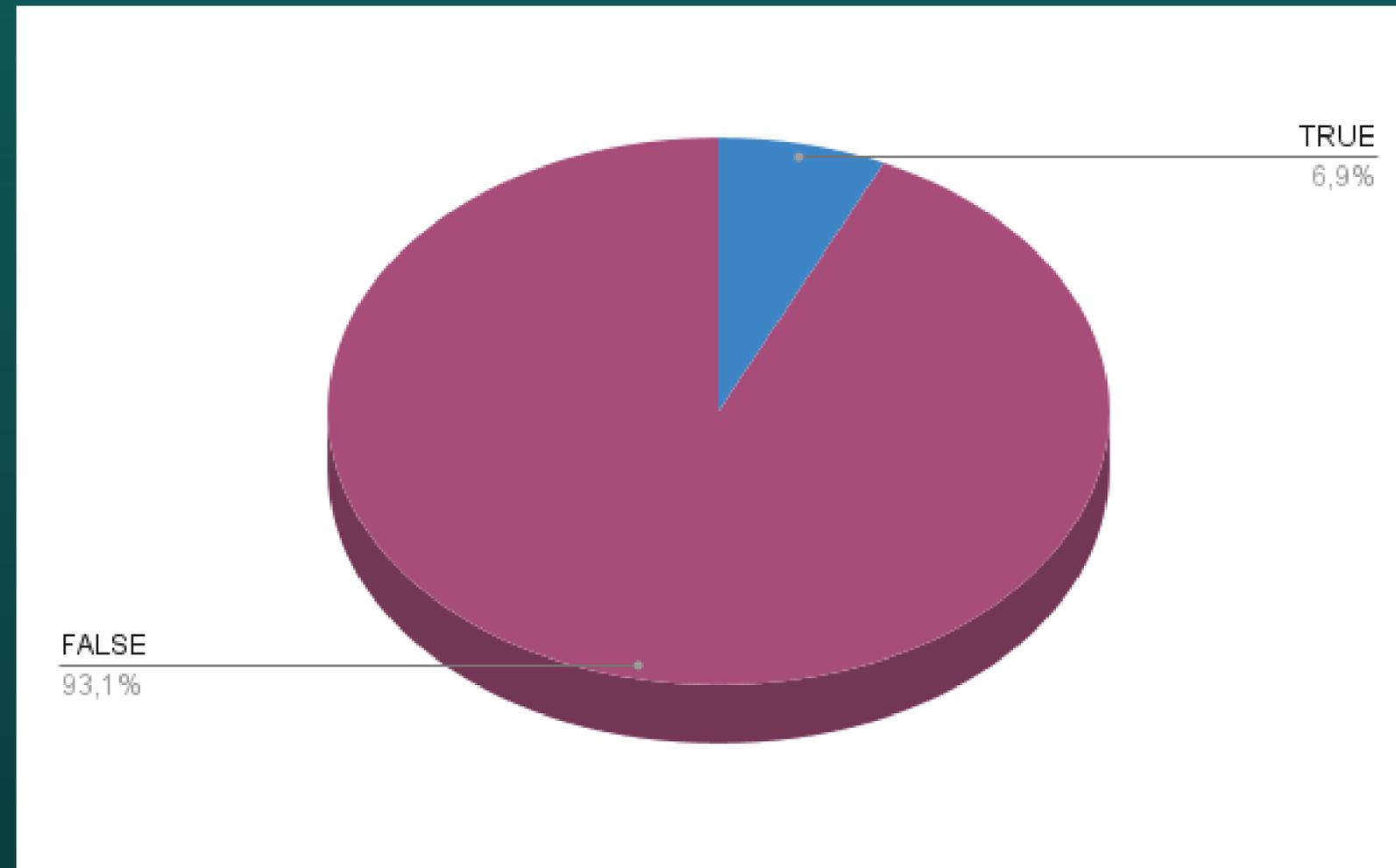
Biology is ...

Our reply:

The word biology is derived from the greek words /bios/ meaning /life/ and /logos/ meaning /study/ and is defined as the science of life and living organisms.

Quiz Time !

Biology is defined as the science of non living organisms



Correct answer :
False

What do YOU think ?

Synthetic Biology is ...

The use of methods of molecular biology to
design new parts and systems

What do YOU think ?

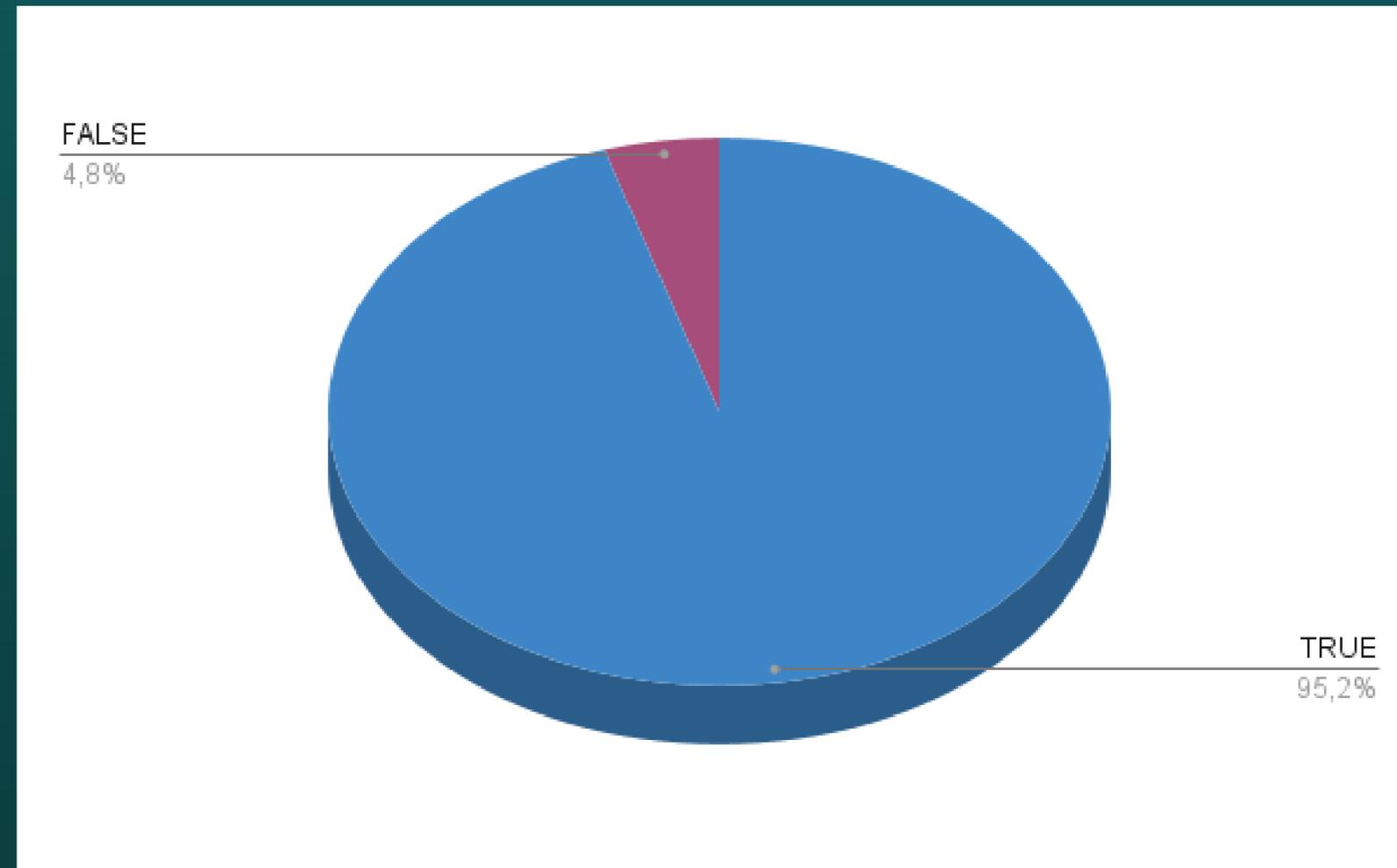
Synthetic Biology is ...

Our reply:

Synthetic Biology is : as defined by the European Commission, the engineering of complex biological systems with novel functions, done in a rational and systematic matter, at all levels of hierarchical structures (molecules, cells, tissues, and organs).

Quiz Time !

Synthetic Biology is the engineering of complex biological systems with novel functions, done in a rational and systematic matter, at all levels of hierarchical structures (molecules, cells, tissues, and organs).



Correct answer :
True

What do YOU think ?

Synthetic Biology began in ...

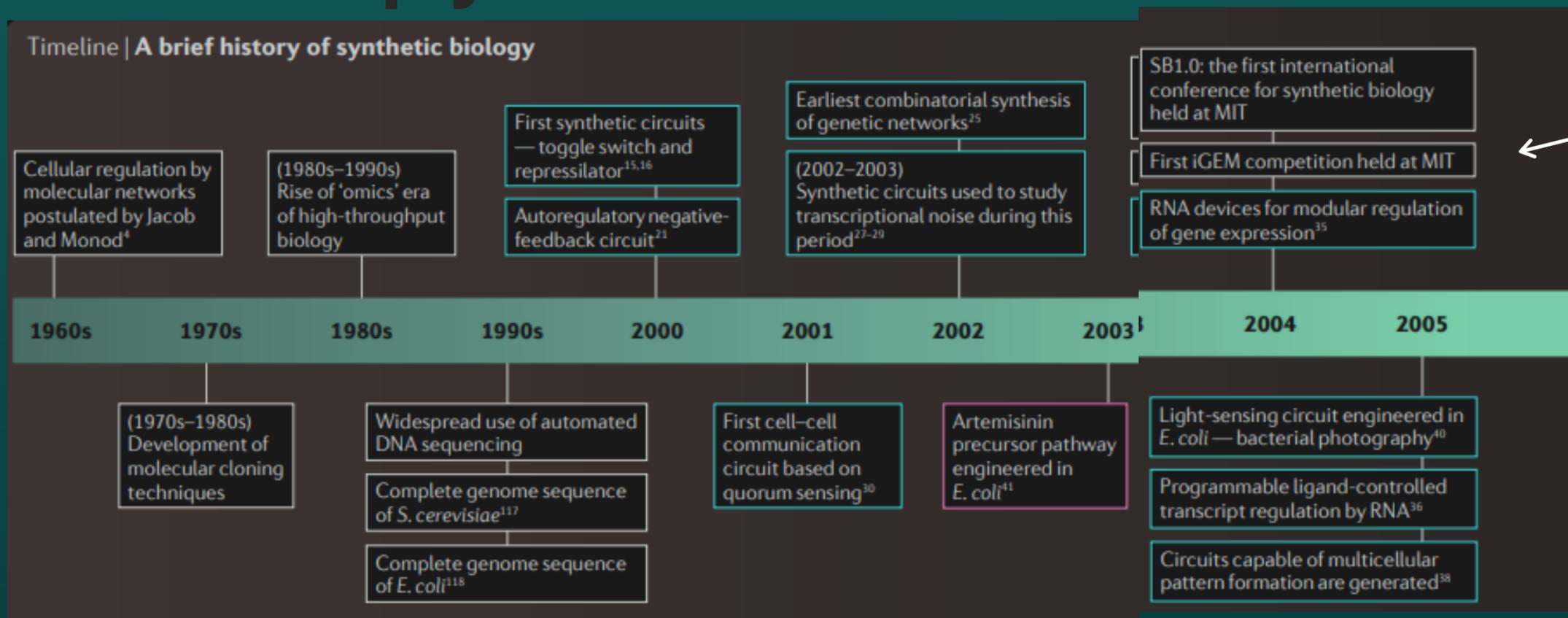
The 60s?

1960???

What do YOU think ?

Synthetic Biology began in ...

Our reply:

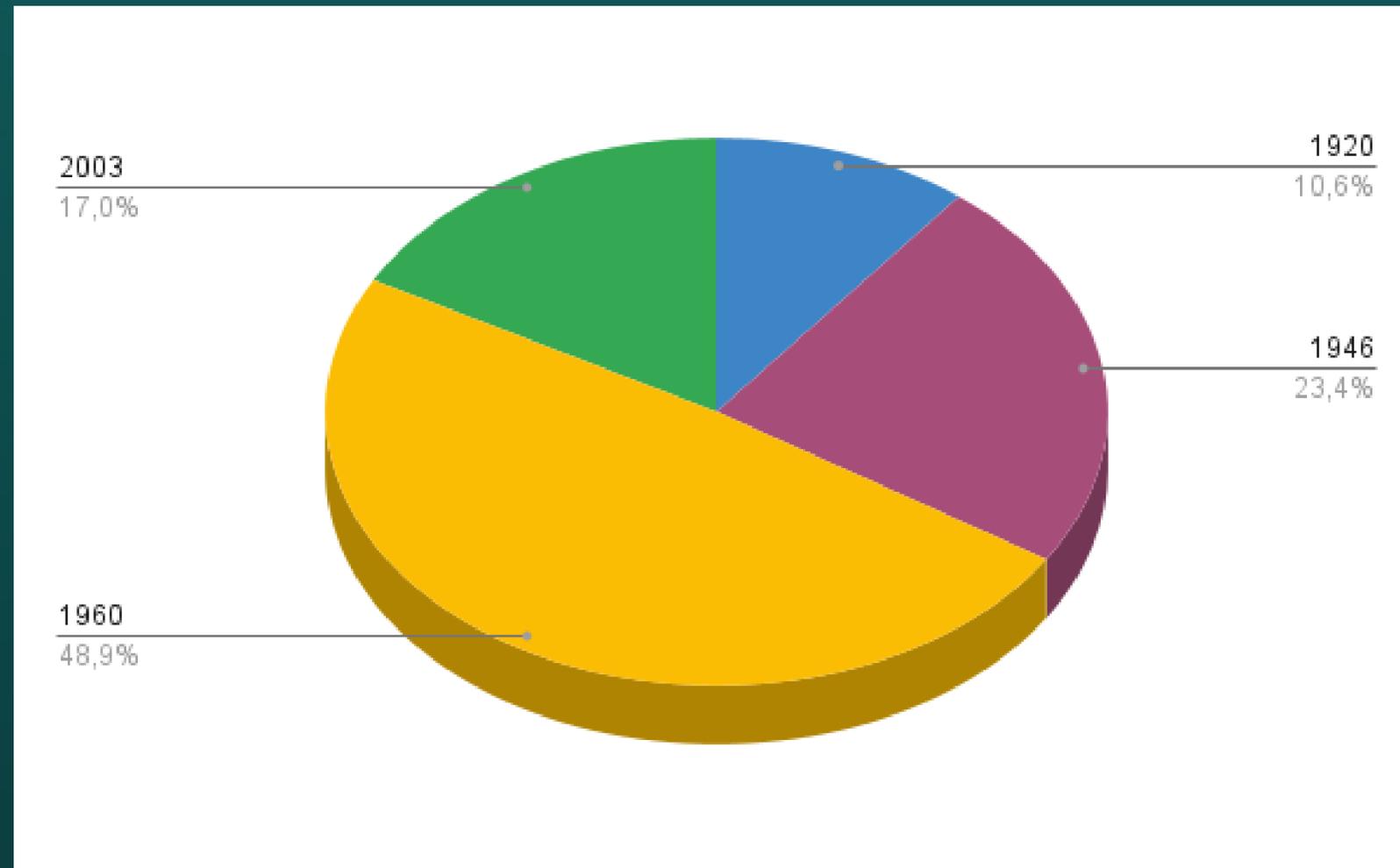


Dropping small hints



Quiz Time !

Synthetic Biology began in ...
(1920 / 1946 / 1960 / 2003)



Correct answer :
1960

What do YOU think ?

Synthetic Biology can also be the field
of non-medical professions such as

Engineers?

Informaticians and engineers

Physists?

What do YOU think ?

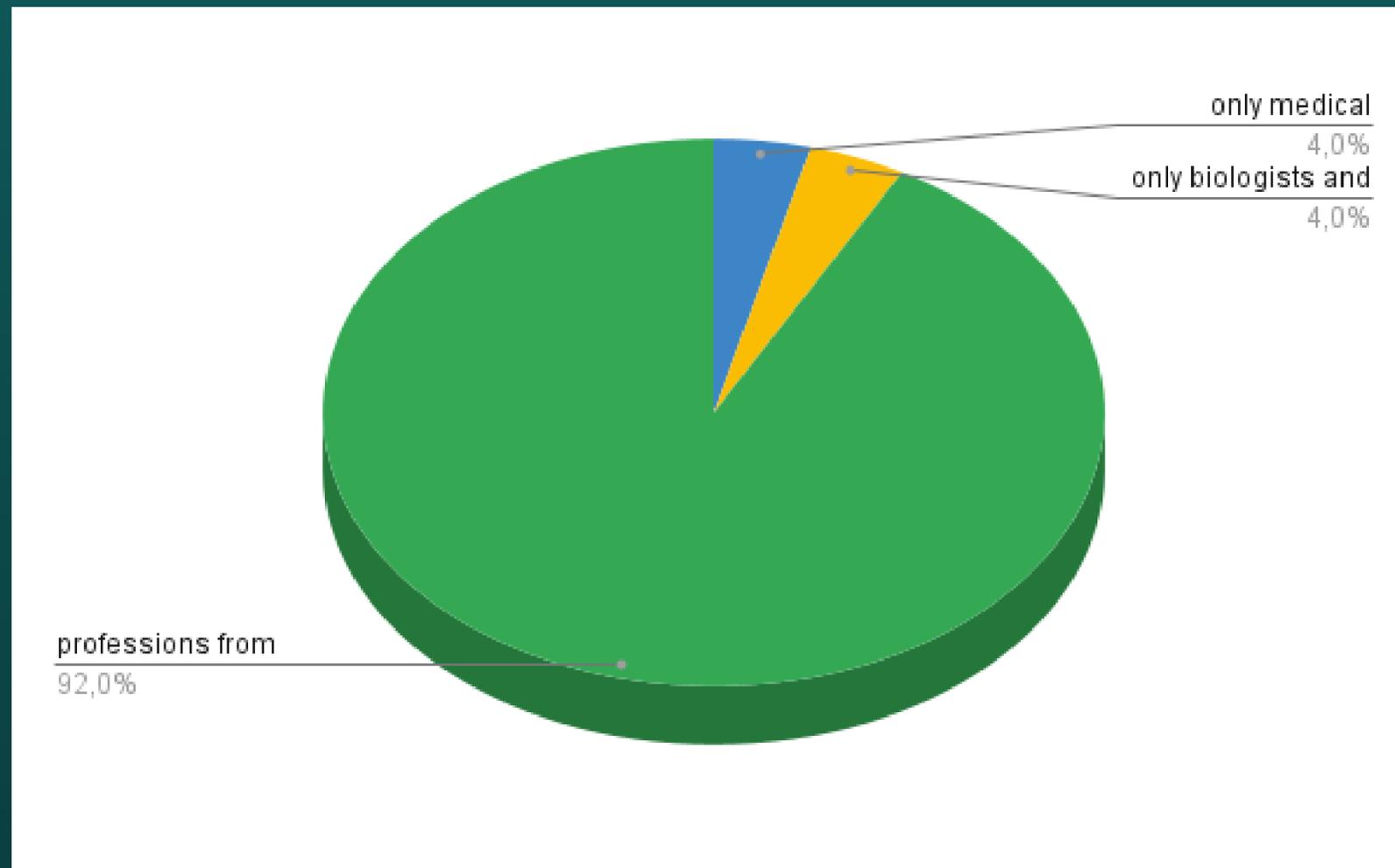
Synthetic Biology can also be the field of non-medical professions such as

Our reply:

Synthetic Biology can also be the field of non-medical professions such as engineers, physicists, chemists, informaticians etc.

Quiz Time !

Synthetic Biology includes:
(only medical related professions/
only biology related professions/ only
biologists and engineers / professions
from medical and non medical fields)



Correct answer :
professions from medical and non
medical fields

What do YOU think ?

The DNA double helix was discovered by ...

Watson and Crick

FRANKLIN, Crick and Watson

Rosalind Franklin (X-ray Photo 51) , Stolen later by Watson and Crick who wrongfully took all the credits

What do YOU think ?

The DNA double helix was
discovered by ...

Our reply:

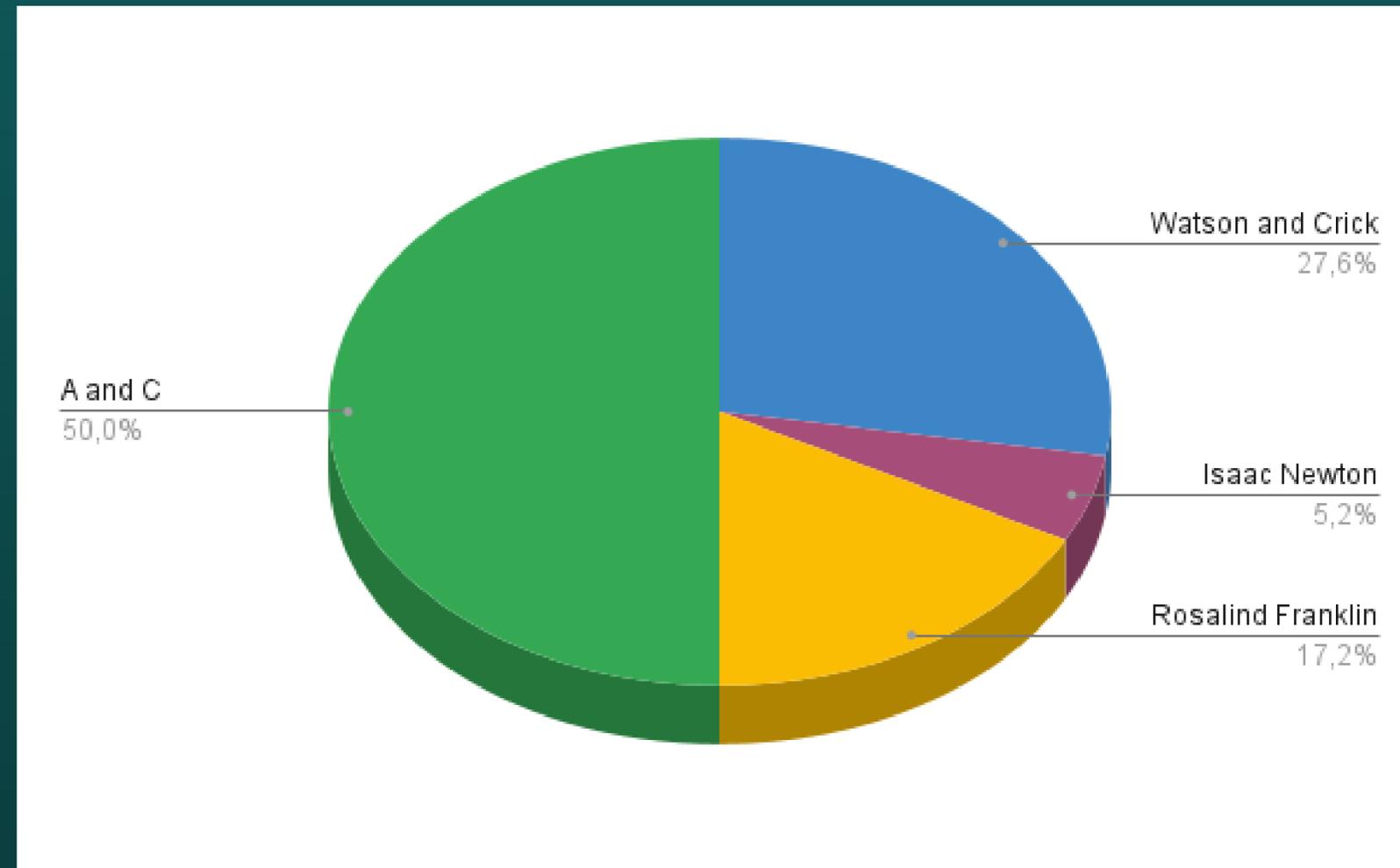
In 1953, James Watson and Francis Crick discovered the double helical structure of the DNA molecule based on the discoveries made by Rosalind Franklin.

Quiz Time !

The DNA double helix was discovered by

...

- a) Watson and Crick, b) Isaac Newton, c) Rosalind Franklin d) a and d



Correct answer :
A and C

What do YOU think ?

iGEM (International Genetically Engineered Machine) is:

An organisation

A competition ?

The reason why we don't get enough sleep?

What do YOU think ?

iGEM (International Genetically Engineered Machine) is:

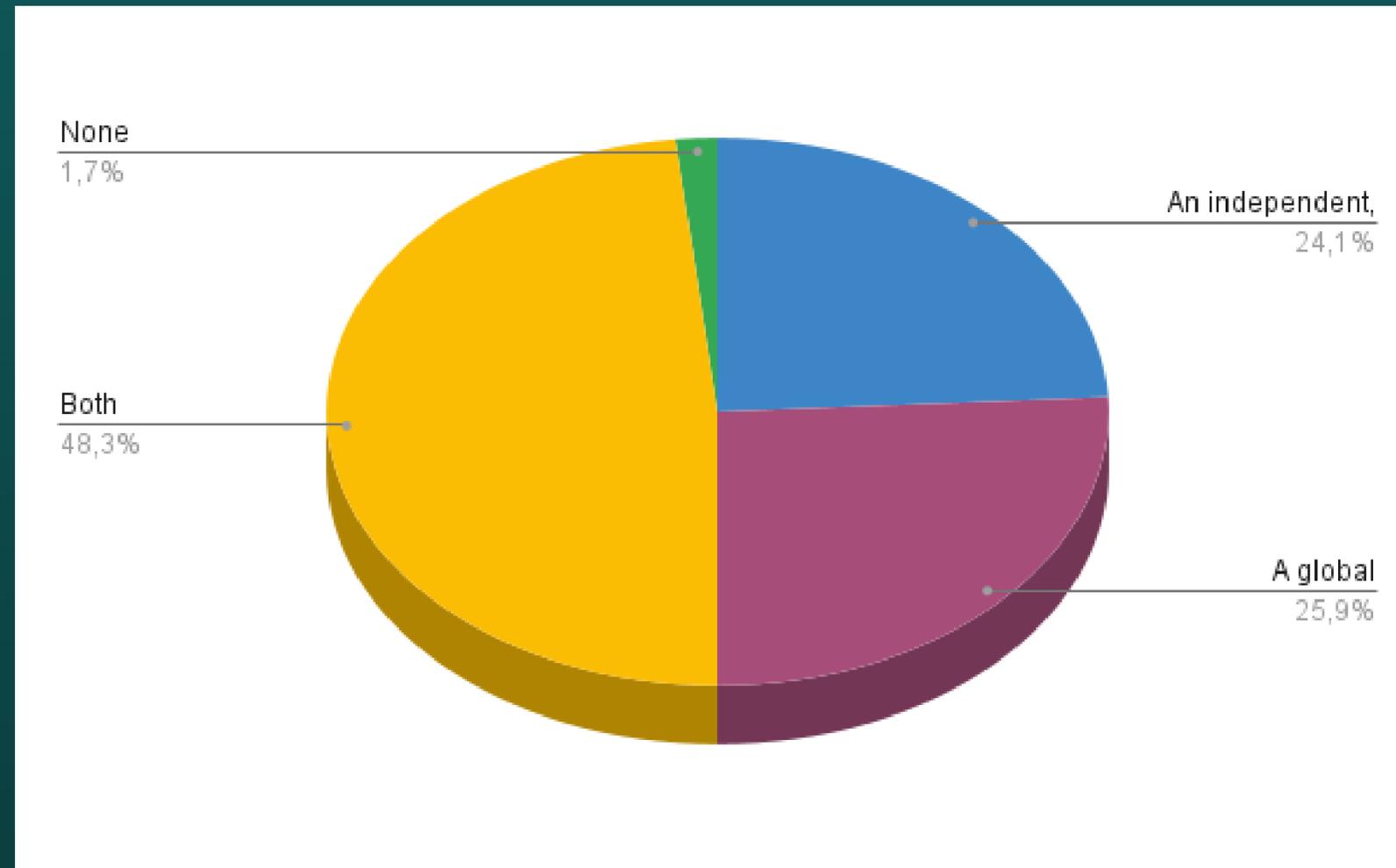
Our reply:

The International Genetically Engineered Machine (iGEM) Foundation is an independent, non-profit organization dedicated to the advancement of synthetic biology, education and competition, and the development of an open community and collaboration..

Quiz Time !

iGEM (International Genetically Engineered Machine) is:

- a) An independent, non-profit organization,
- b) A global competition,
- c) Both,
- d) None



Correct answer :
Both

What do YOU think ?

iGEM began in...

2017

2003?

2014!

What do YOU think ?

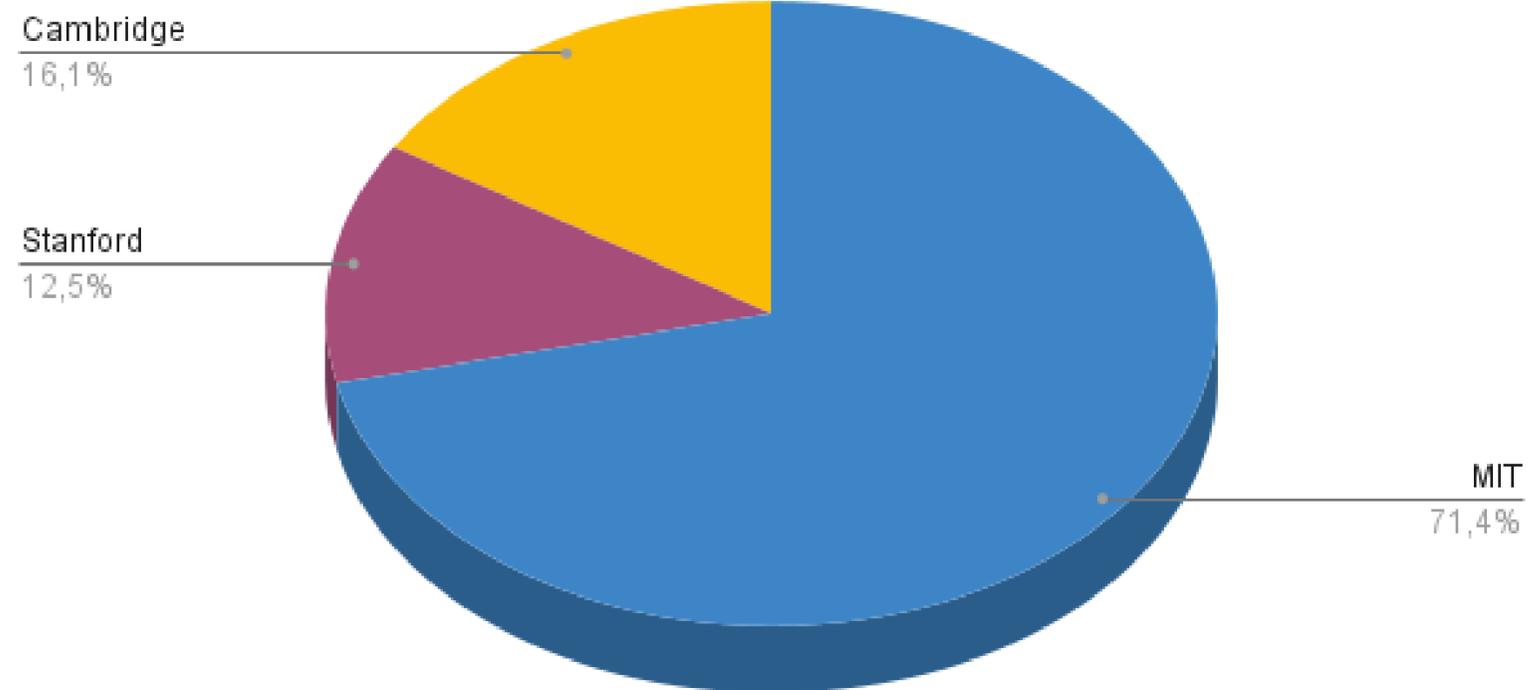
iGEM began in ...

Our reply:

iGEM began in January 2003 as an independent study course at the Massachusetts Institute of Technology (MIT) where students developed biological devices to make cells blink.

Quiz Time !

iGEM (International Genetically Engineered Machine) began as an independent study course at: a) MIT, b) Stanford c) Cambridge



Correct answer :
MIT

What do YOU think ?

The most common
pancreatic cancer is ...

Ductal Adenocarcinoma

PDAC

Pancreatic Ductal Adenocarcinoma

What do YOU think ?

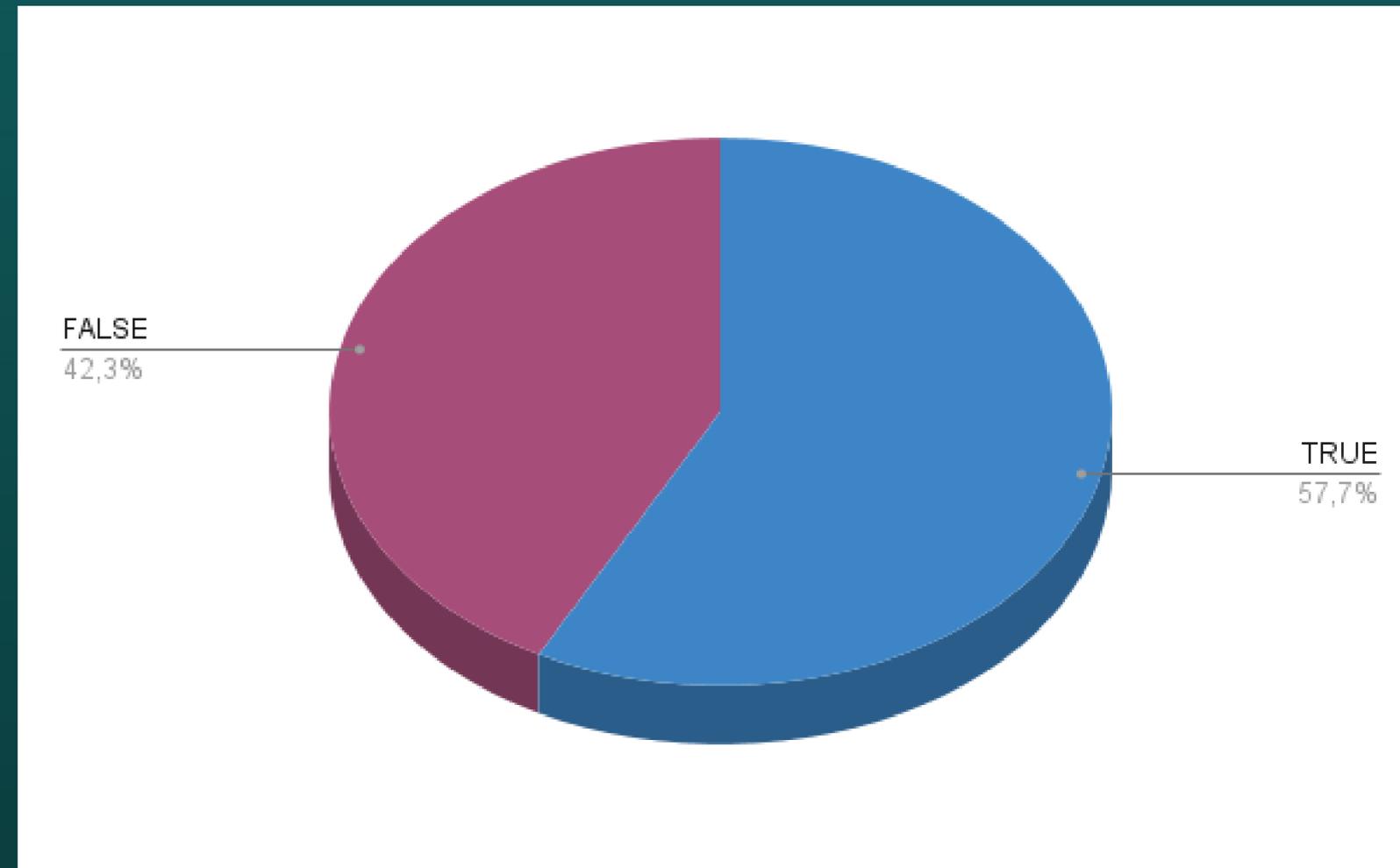
The most common
pancreatic cancer is ...

Our reply:

PDAC (Pancreatic ductal adenocarcinoma) is the most
common type of pancreatic cancer

Quiz Time !

PDAC (Pancreatic ductal adenocarcinoma) is the most common type of pancreatic cancer



Correct answer :
False

What do YOU think ?

The cancer with the 7th highest
rate of mortality is ...

Pancreatic cancer

Surprise, surprise.. PDAC?

What do YOU think ?

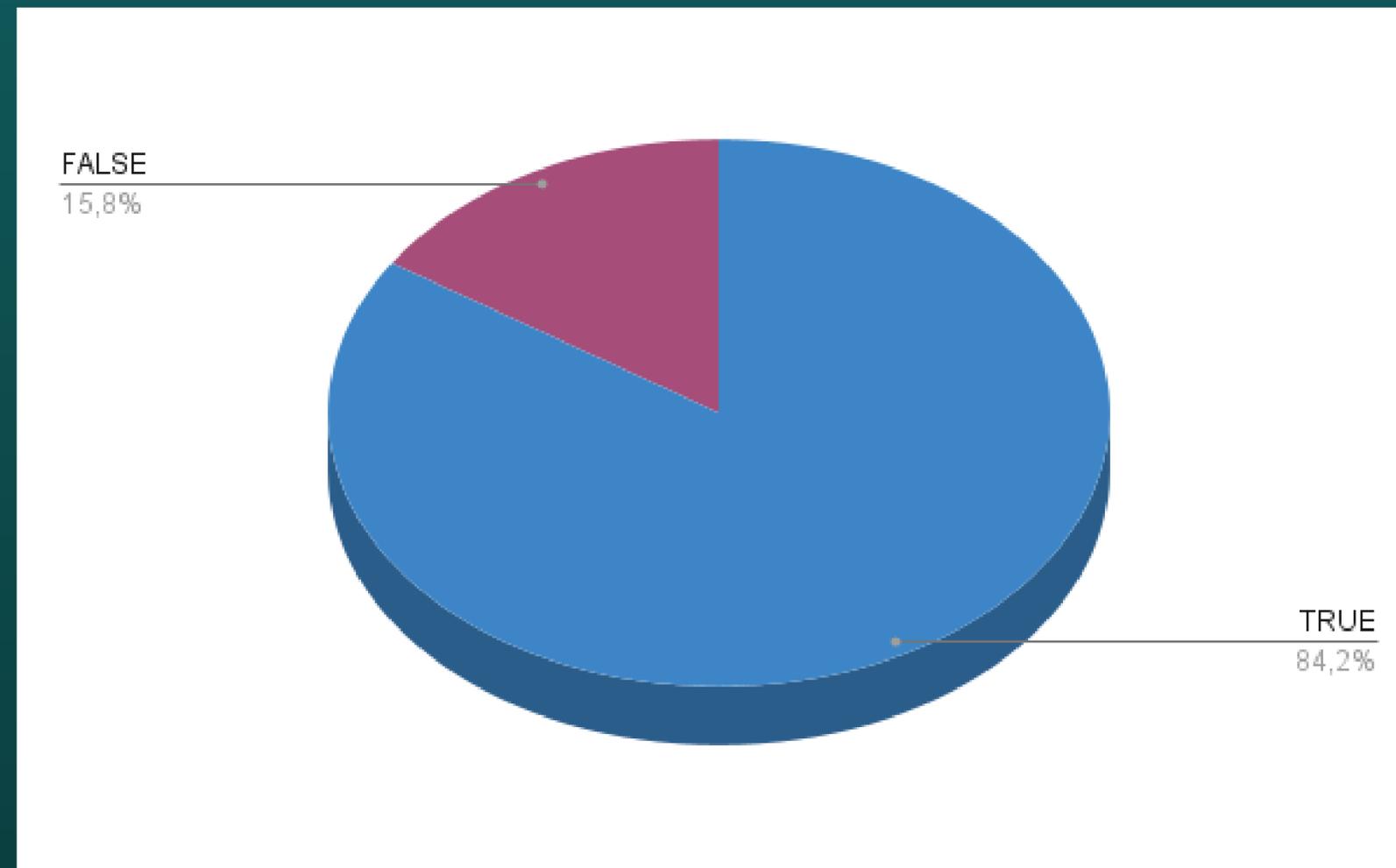
The cancer with the 7th highest
rate of mortality is ...

Our reply:

PDAC (Pancreatic ductal adenocarcinoma) is the 7th
highest cause of mortality related to cancer.

Quiz Time !

PDAC (Pancreatic ductal adenocarcinoma) is the 7th highest cause of mortality related to cancer.



Correct answer :
TRUE

References

- [1] World Health Organization, "Pancreatic cancer fact sheet," Cancer Today, 2020. <https://gco.iarc.fr/today/fact-sheets-cancers> (accessed May 04, 2021)
- [2] A. McGuigan, P. Kelly, R. C. Turkington, C. Jones, H. G. Coleman, and R. S. McCain, "Pancreatic cancer: A review of clinical diagnosis, epidemiology, treatment and outcomes," *World Journal of Gastroenterology*, vol. 24, no. 43. pp. 4846–4861, Nov. 2018.
- [3] Norwegian University of Science and Technology , " What is Biology?" , <https://www.ntnu.edu/biology/about-us/what-is-biology>
- [4] Yensi Flores Bueso, Mark Tangney "Synthetic Biology in the Driving Seat of the Bioeconomy", *Trends in Biotechnology*, Volume 35, Issue 5,2017, Pages 373-378, ISSN 0167-7799, <https://doi.org/10.1016/j.tibtech.2017.02.002>.
- [5] Cameron, D., Bashor, C. & Collins, J. A brief history of synthetic biology. *Nat Rev Microbiol* 12, 381–390 (2014). <https://doi.org/10.1038/nrmicro3239>
- [6] Watson, J. , Crick, F. Molecular Structure of Nucleic Acids: A Structure for Deoxyribose Nucleic Acid. *Nature* 171, 737–738 (1953). <https://doi.org/10.1038/171737a0>