

Dejan Pajic Branko Milosavljevic University of Novi Sad

Harmonizing open science efforts in Serbia



## Science trivia





738

King's College, London aided by a fellowship for Infantile Paralysis

Medical Research Coun Study of the Molecul Biological Sy Cavendish Laborator April 2.

 <sup>1</sup> Pauling, L., and Corey, R. 1 Nat. Acad. Sci., 39, 84 (1)
<sup>2</sup> Furberg, S., Acta Chem. Sca
<sup>3</sup> Chargaff, E., for references Chargaff, E., Biochim. et
<sup>4</sup> Wyatt, G. R., J. Gen. Physic
<sup>4</sup> Astbury, W. T., Symp. Soc. Univ. Press, 1947).
<sup>4</sup> Wilkins, M. H. F., and Rar 10, 192 (1953).

#### Molecular Struc Nuc

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## Corporate greed



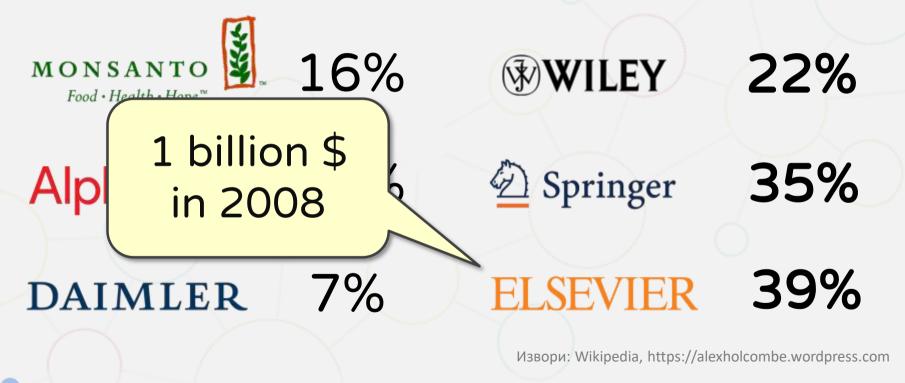




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# Major corporations' profit margins



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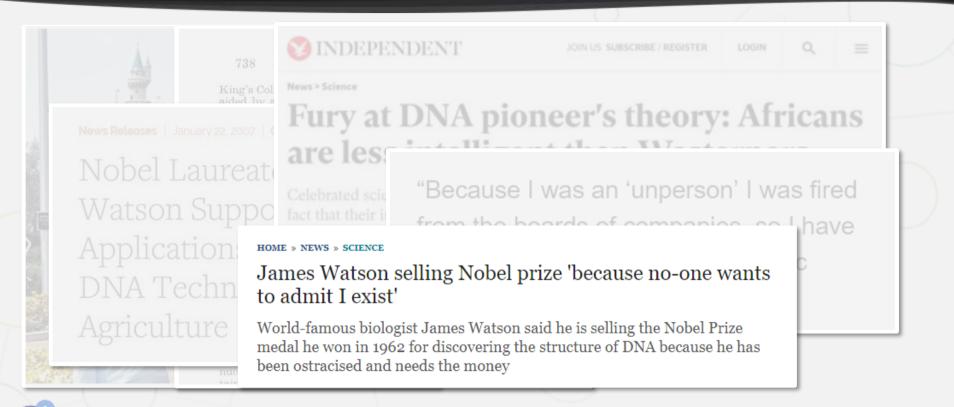
Co-funded by the Erasmus+ Programme of the European Union

🔉 BEOPEN



# Academic income is insufficient





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## The science of football





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> Molecular Struc Nuc

WHILE the biologi nucleic acid suggest taining great comple

## Billionaire bought James Watson's Nobel prize medal in order to return it

Alisher Usmanov wants medal to remain with Watson and for money he paid for it to be donated to scientific research





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# Proud of the heritage



## Benefactors of Trinity College Dublin

Trinity Development and Alumni is administered by Trinity Foundation, an independent charity (CHY10898) established in 1994, and charged with responsibility for, and exists solely to support, the development (fundraising) and alumni relations activities of Trinity College Dublin.

Trinity Development and Alumni was established with the objective of raising funds to support the development of Trinity College Dublin. It plays a vital role in ensuring that Trinity College has the financial resources to remain a leading, internationally recognised university. In the nine month period 1 October 2017 to 30 June 2018, Trinity Development and Alumni was successful in securing pledges of about €20.9 million from 2,060 donors.





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# Profit vs. openness and sharing



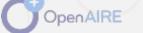


If you have an apple and I have an apple and we exchange these apples then you and I will still each have one apple.

But if you have an idea and I have an idea and we exchange these ideas, then **each of us will have two ideas**.



## George Bernard Shaw

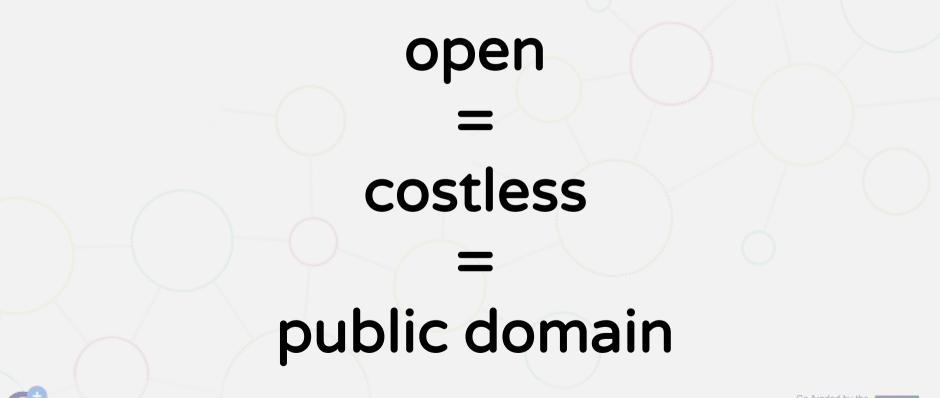


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# Prejudice no. 1





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The general issue is that large parts of the research done is publicly funded, the type setting and quality control is done by people who are paid by the public, and the purchase of the journals is also paid by the public.

## Christian Thomsen Technical University of Berlin



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## **Open access initiatives**





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# Prejudice no. 2



# open science

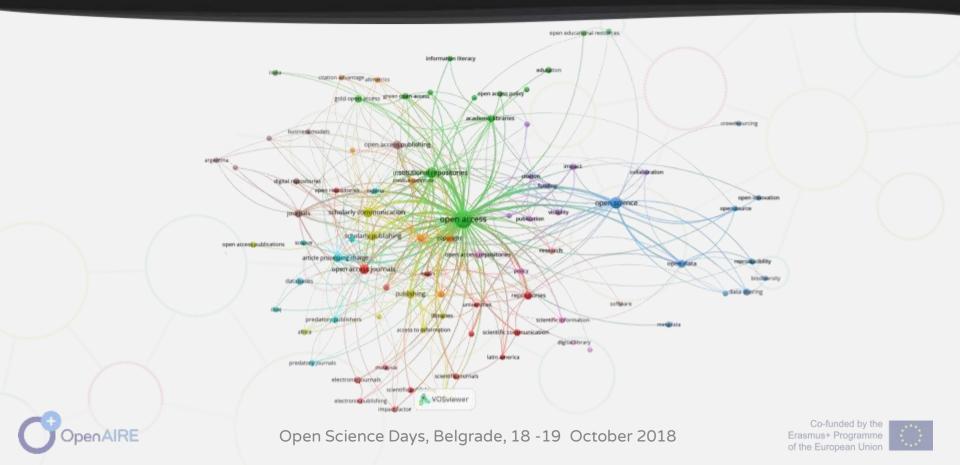
# open access

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## What is open science?





## What is open science:

## N BEOPEN

open access publishing

## Publishers take ResearchGate to court, a

## massive copyrigh

By Dalmeet Singh Chawla | Oct. 6, 201

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Scholarly publishing giants Els in Germany against ResearchG infringement on a mass scale. dissatisfied with ResearchGate

ResearchGate, a for-profit firm who can use their personal page ticle .

open source hardware

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## Meanwhile in Serbia (Prejudice no. 3) BEOPEN



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## Bottom of the iceberg





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# Open science is a joint effort



Academics who try to operate outside the hierarchy of **prestigious** journals risk **"professional suicide"**. The chance of a mass rebellion is low as it's pretty difficult to **unite scientists**.

Vincent Larivière

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# Open science is a joint effort



## GOVERNMENT

responsible & farsighted

PUBLISHERS

informed & progressive

## **FUNDING BODIES**

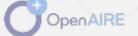
transparent & authoritative

## RESEARCHERS

educated & motvated

## **INDUSTRY & SOCIETY**

involved & demanding



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## National portal of open science





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# НаПОН

# open.ac.rs



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