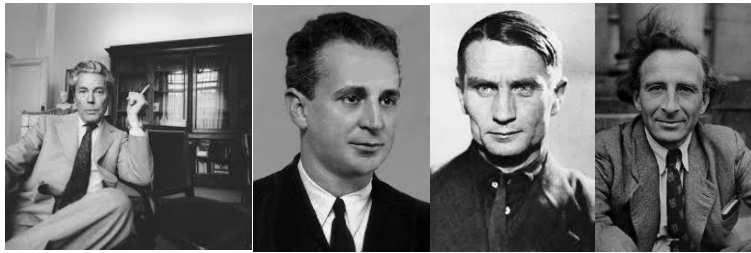


## Sunday News No. 116

October 11th, 2020



Monod

Câmara

Lysenko

Timofeev-Ressovsky

My reading selection this week is [The molecular biologist that exposed the Soviet Union](#). This is the life story of Nobel Prize winner Jacques Monod that exposed agronomist [Trofim Lysenko](#) as a fraud. I always loved Jacques Monod's [Chance and Necessity](#) but was not aware of his Lysenko connection.

My grandfather Antonio Camara, who started Estação Agronômica Nacional (see his truly original plans [here](#) and [here](#)), was a fierce opponent to Lysenko. I learned his name when I was in my early teens. He talked about Lysenko as the impersonation of evil. Later, I understood why.

Antonio Camara worked at Kaiser Wilhelm Institute in Berlin before the War with [Nikolay Timofeev-Ressovsky](#), a leading biologist and Lysenko opponent. Timofeev-Ressovsky was a former anarchist and had his oldest son—a communist—killed by the Gestapo during the War. Nonetheless, he was sent to the Gulag after the Soviet Union forces arrested him in Berlin. He was persecuted by Lysenko followers until the 1970's and only rehabilitated in 1991, ten years after his death.

In 1995, I worked in an international project with the Russian Academy of Sciences in Moscow. I was happy to see that one of the Russian team members was Timofeev-Ressovsky's grand-son.

Sunday News is a selection of the links posted daily by the [Explora community](#). I can add you if you want (need to have a Facebook account). Newcomers can check previous Sunday News editions at [Explora live](#). Read Sunday News' First and Second-Year Highlights [here](#).

Antonio Camara

## Education

[Neuroscientists discover a molecular mechanism that allows memories to form](#)

[Portuguese road map of research infrastructures](#). Via Rui Ferreira dos Santos

In memoriam: [UC San Diego Nobel laureate Mario Molina, who helped reveal damage to the ozone layer, dies at 77](#). I worked with him at MIT in a project dealing with Mexico City's air pollution. In the first meeting, Mario asked the team to visualize the project end results so they could be shown on TV news. A metaphor I apply to all my projects since that day.

## Sports



[Out of retirement: the care home seniors chasing global cycling glory](#)

[Athletes are conquering distance: sports will never be the same](#)

## Food

Congratulations to [UN World Food Program \(WFP\)](#) for the Nobel Peace Prize, and specially to [Pedro Matos](#), former YDreamer and Digitization Coordinator for WFP Sudan

## Health

[Neanderthal genes increase risk of serious Covid-19, study claims](#)

[Charting a coronavirus infection](#)

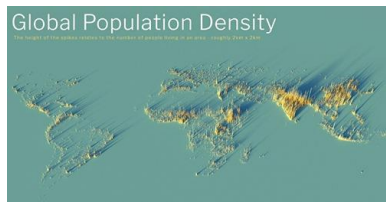
[Contact tracing falls flat in the West](#)

[Facemasks: what the data say](#)

[This startup raised \\$37 million to make going to the dentist fun](#)

[Meet Minnie Freudenthal: A doctor to improve our way in life.](#) A remarkable Portuguese doctor

## Cities, Nature and Clean Tech



[3D mapping the largest population density centers](#)

[The 15-minute city](#)

[The magical allure of islands](#)

[Endangered baby sea turtles may have a news savior: GPS eggs](#)



[Portugal's Strategy for the Sea, 2021-2030.](#) "Our" [Azorean Aquatic Technologies](#) with its instruments, aquatic drones and subs will be in full swing this next decade

[Carté DIEM: The Circular Economy bank ramping up resales for generation Flux.](#) "A bank of objects"

## Developing new companies

[Johan Norberg on the importance of being open](#)

[The crypto state?](#) Excellent article by Bruno Mações

[Ripple threatens to leave US over crypto regulation](#)

[How “Animal Crossing” is preparing players to trade stocks](#)

[The end of the American Internet](#)

[The disruption of management consulting](#)

[34 corporate innovation labs in retail](#)

[Agri-tech and food supply problems](#)

[The Instagram story](#)



[Audio startups multiply as investors seek the new Clubhouse](#)

[86% of teens in the US own an I-Phone](#)

[Google to pay publishers \\$1 billion over three years for their news](#)

**AR/VR/AI/Quantum Computing/IoT**

[The AR roundup September 2020](#)



[Zappar's \\$40 Consumer-Ready 6DoF XR Headset Just Launched On Kickstarter](#)



[The US Army thinks these new mixed reality 'doggles' can make special operations canines better than ever in battle](#)

[The metaverse is coming](#)

[A VR film/game with AI characters can be different every time you watch or play](#)

[Nvidia announces open beta for Omniverse as a 'metaverse' for engineers](#)

[Magic Leap has a new Chief Business Officer](#). Forbes is keen on him to bring the magic back. What is amazing is that he keeps talking about virtual reality, when ML is an augmented reality company. Like it does not matter. By the way, ML burned 3B already.

[Inventing virtual meetings of tomorrow with NVIDIA AI research](#)

[Amazon will now let you pay with your palm in its stores](#). Brazil's Bradesco has this type of biometric payment since 2012 via Fujitsu...and YDreams.

[How GPT-3 is shaping our AI future](#). See also [Someone let a GPT-3 bot loose on Reddit. It did not end well](#)

[Quantum supremacy is coming. It won't change the World](#)

**Far out**

[Are we headed toward theatrical Armageddon?](#)



[Mellon Foundation to spend 250 million dollars to re-imagine monuments](#)

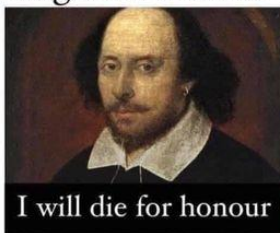
[Battery-free, energy-harvesting perpetual machines: The weird future of computing](#)

[How Flash games shaped the video gaming industry](#)

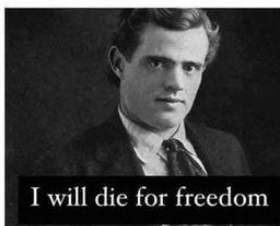
[In search for a planet better than Earth: Top contenders for a superhabitable World](#)

[Fungi, folklore, and fairyland](#)

English literature: French literature:



American literature: Russian literature:



In memoriam: [Eddie Van Allen's 20 greatest solos](#)