

THE  
NOBEL  
PRIZE

# ALL NOBEL PRIZES 2022

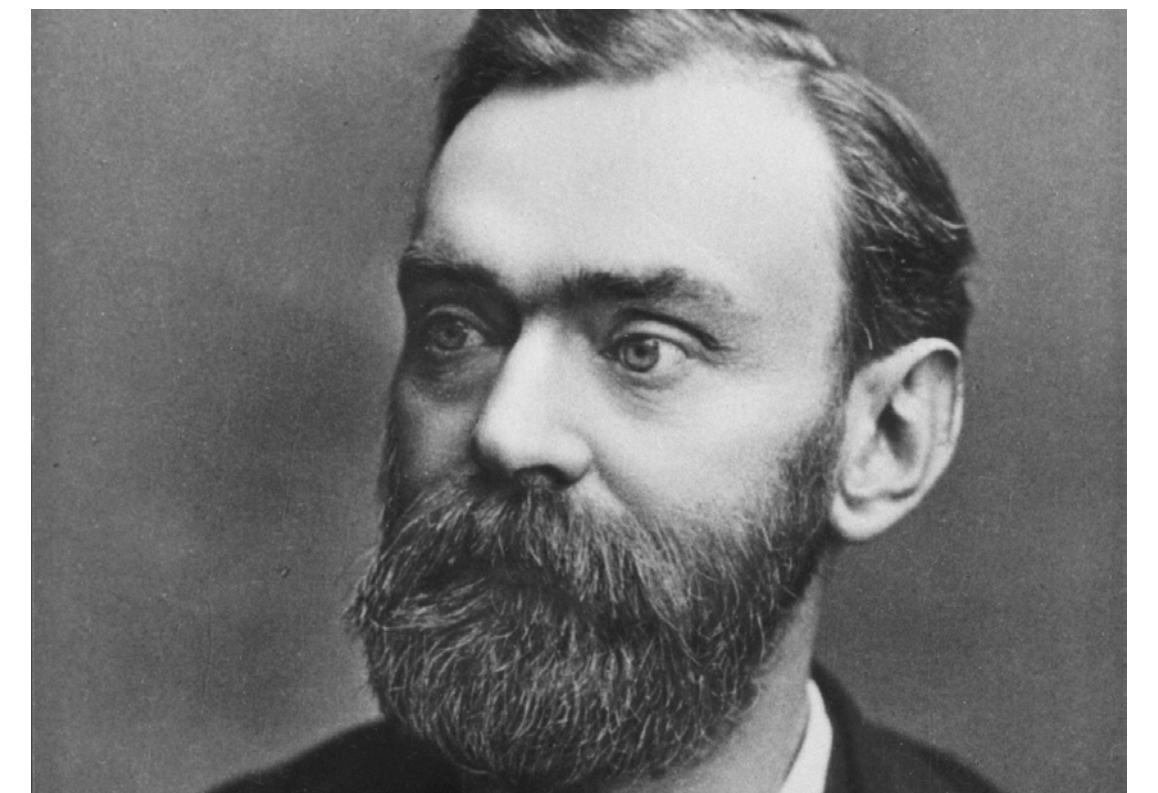
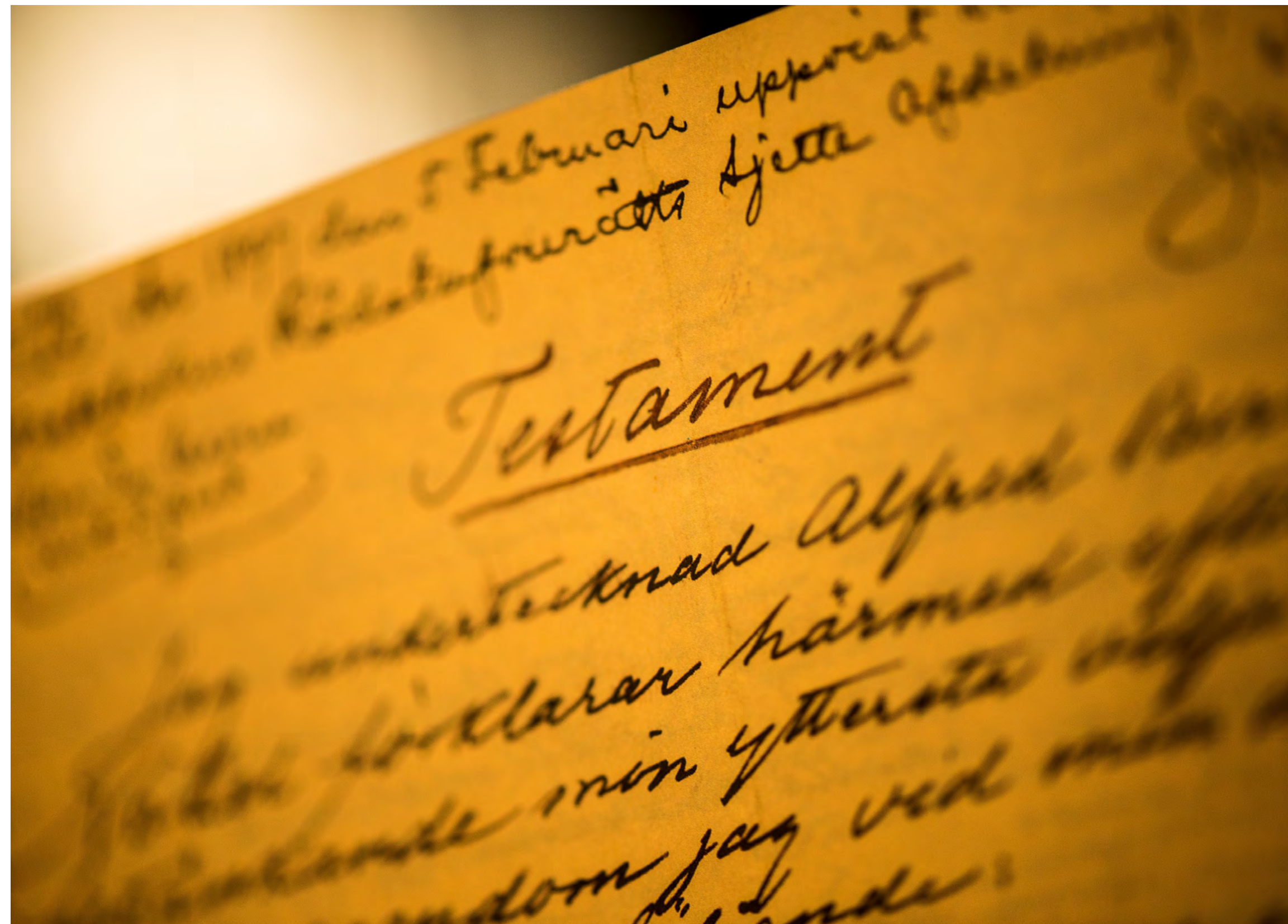


Nobel Prize lessons

# The Nobel Prize

“to those who, during the preceding year, shall have conferred the greatest benefit to humankind”

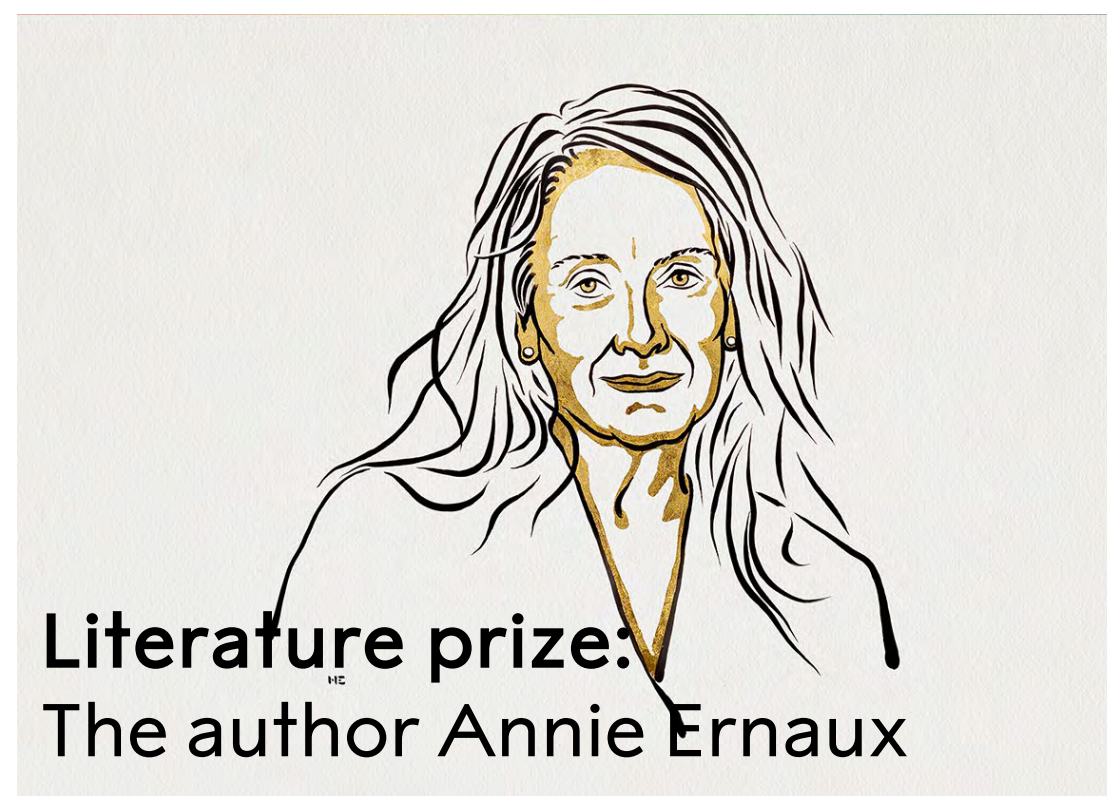
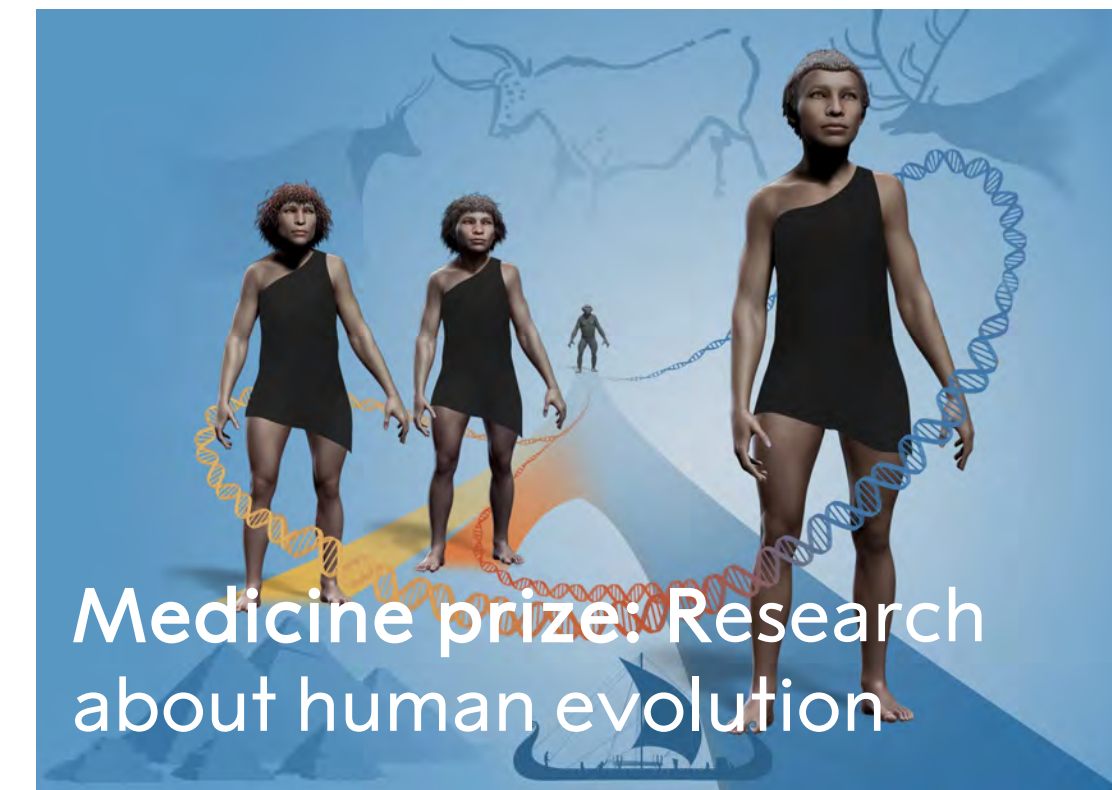
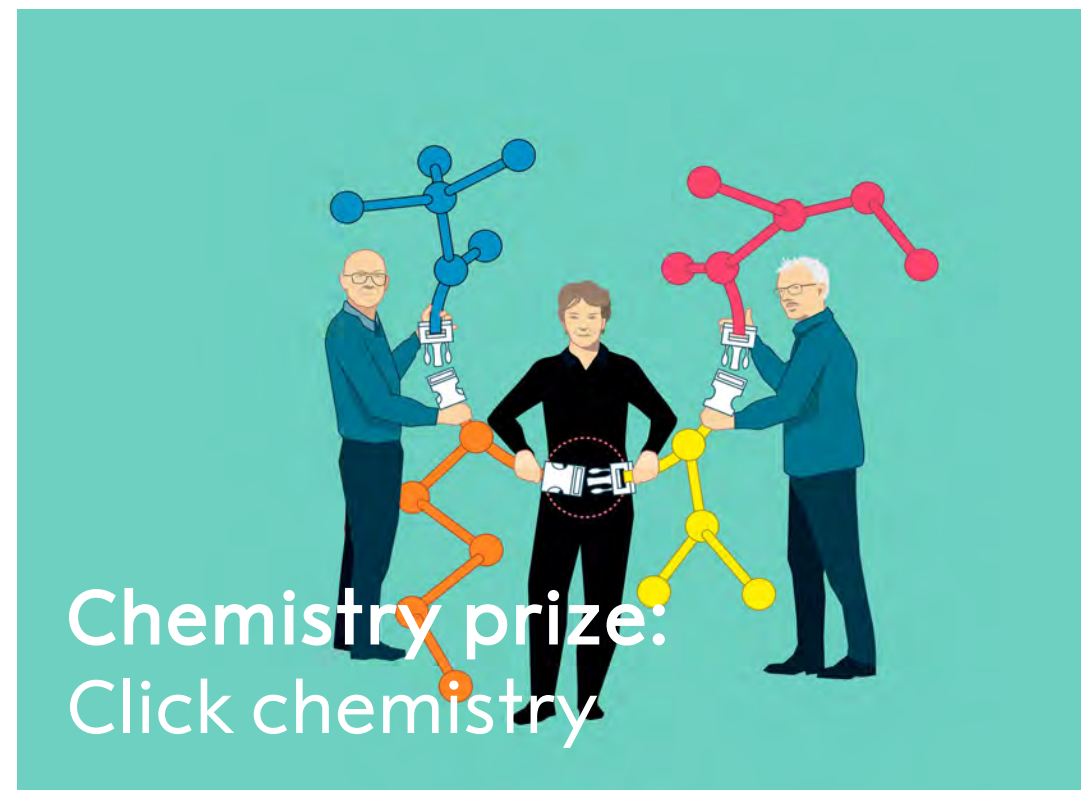
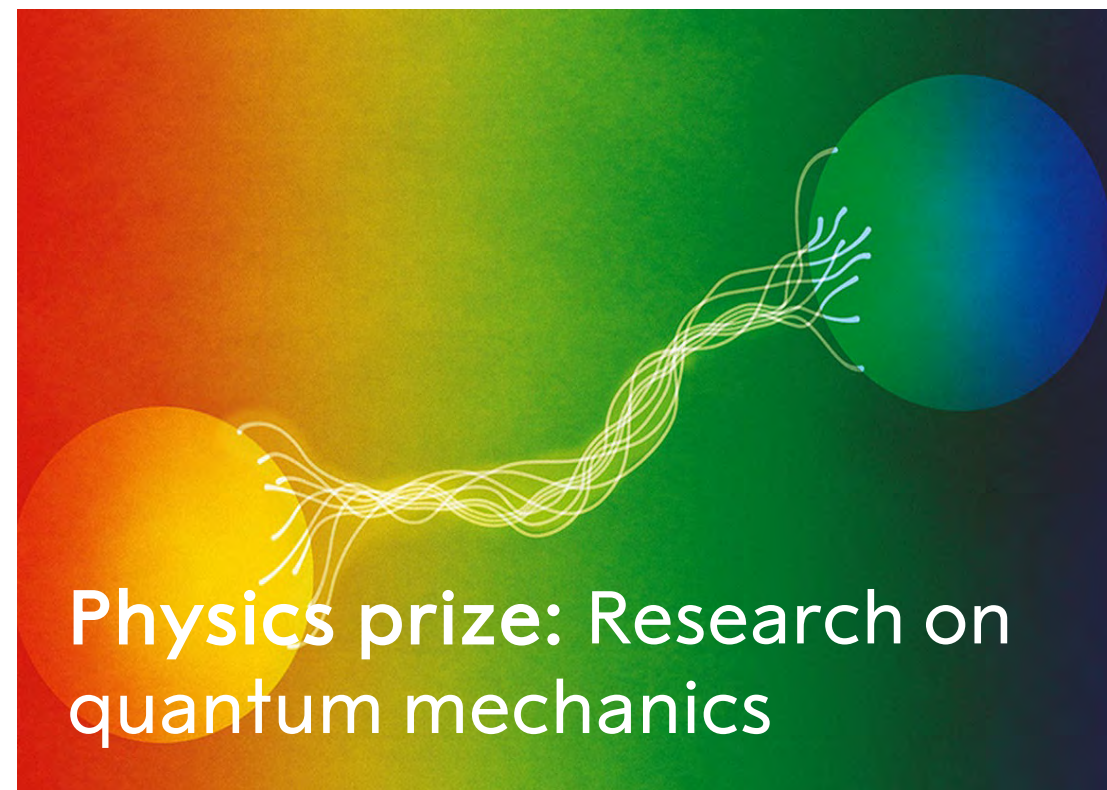
Alfred Nobel  
(1833–1896)



# The 2022 Nobel Prize laureates



# What are the 2022 Nobel Prizes about?



# The 2022 physics prize – research on quantum mechanics

The physics prize 2022 is awarded for experiments that make it possible to investigate and control particles that are entangled through quantum mechanics.

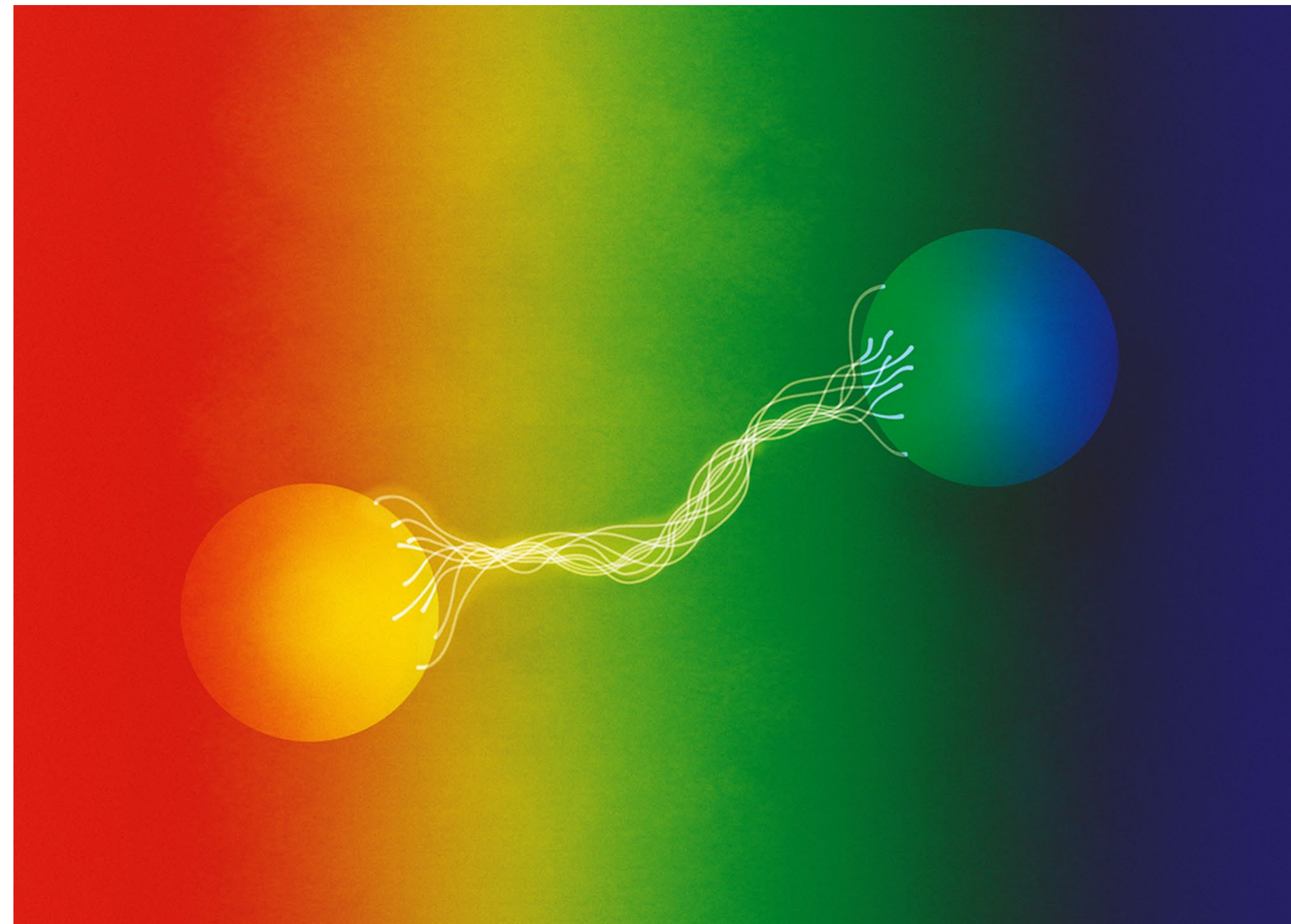


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# The 2022 physics laureates

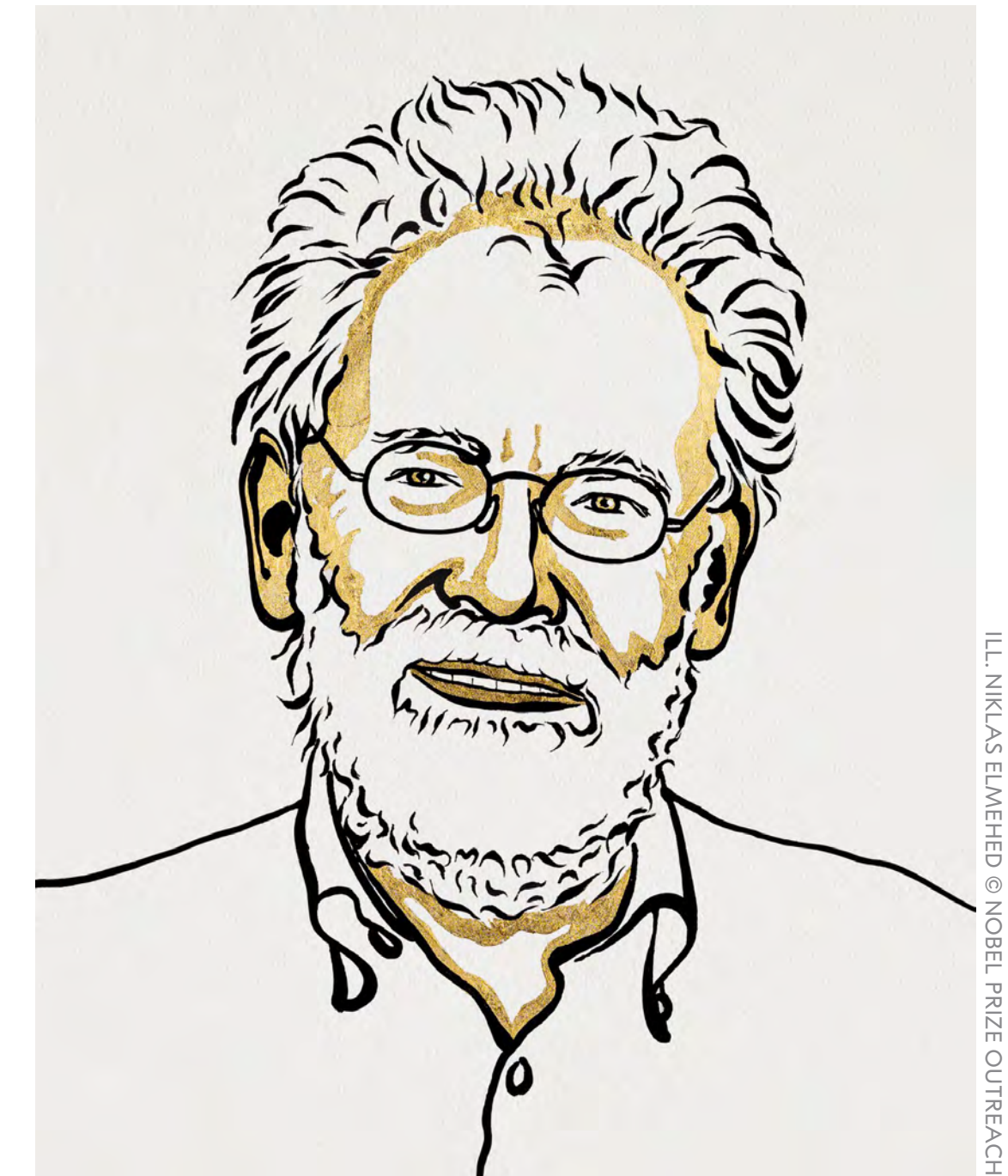
“For experiments with entangled photons, establishing the violation of Bell inequalities and pioneering quantum information science”



Alain Aspect  
Born: 1947, France



John F. Clauser  
Born: 1942, USA



Anton Zeilinger  
Born: 1945, Austria

# The 2022 chemistry prize – click chemistry

The 2022 chemistry prize is about “click chemistry”, which allows researchers to construct molecules in an effective and systematic way.

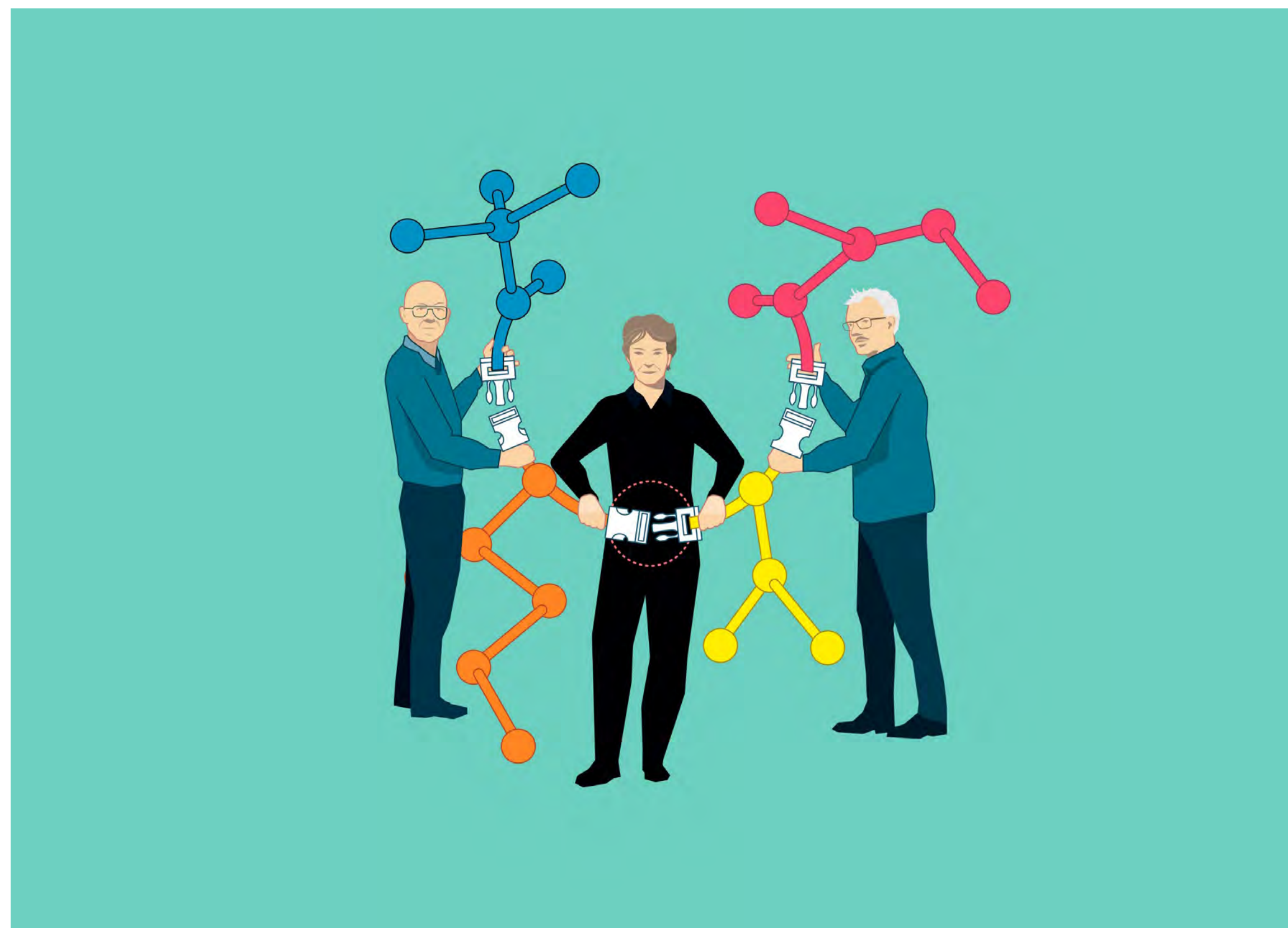


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# The 2022 Chemistry Laureates

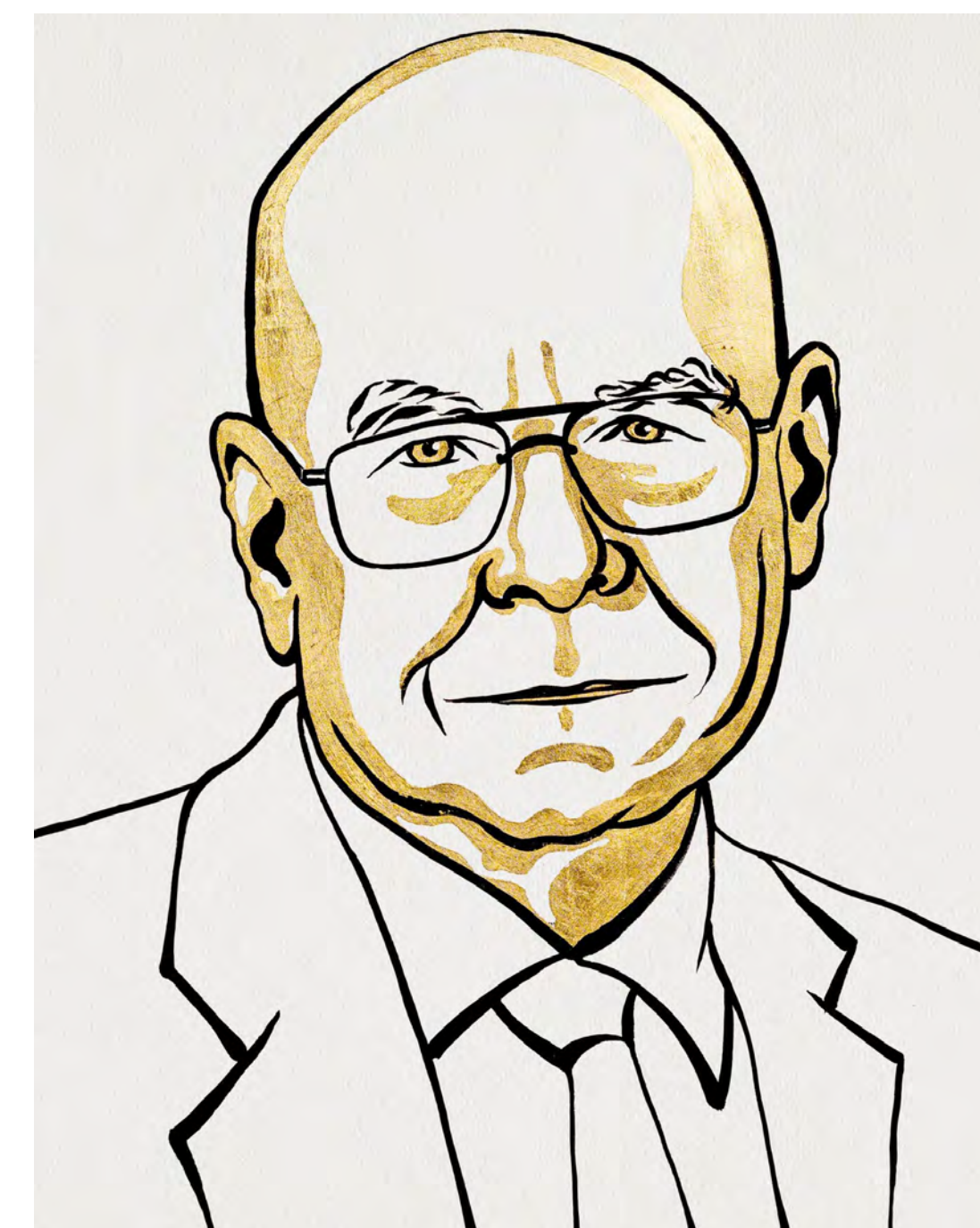
“For the development of click chemistry and bioorthogonal chemistry”



Carolyn R. Bertozzi  
Born: 1966, USA



Morten Meldal  
Born: 1954, Denmark



K. Barry Sharpless  
Born: 1941, USA



# Medicinpriset 2022 – research about human evolution

The 2022 medicine prize is about genetic methods that can be used to map out human evolution and migration.

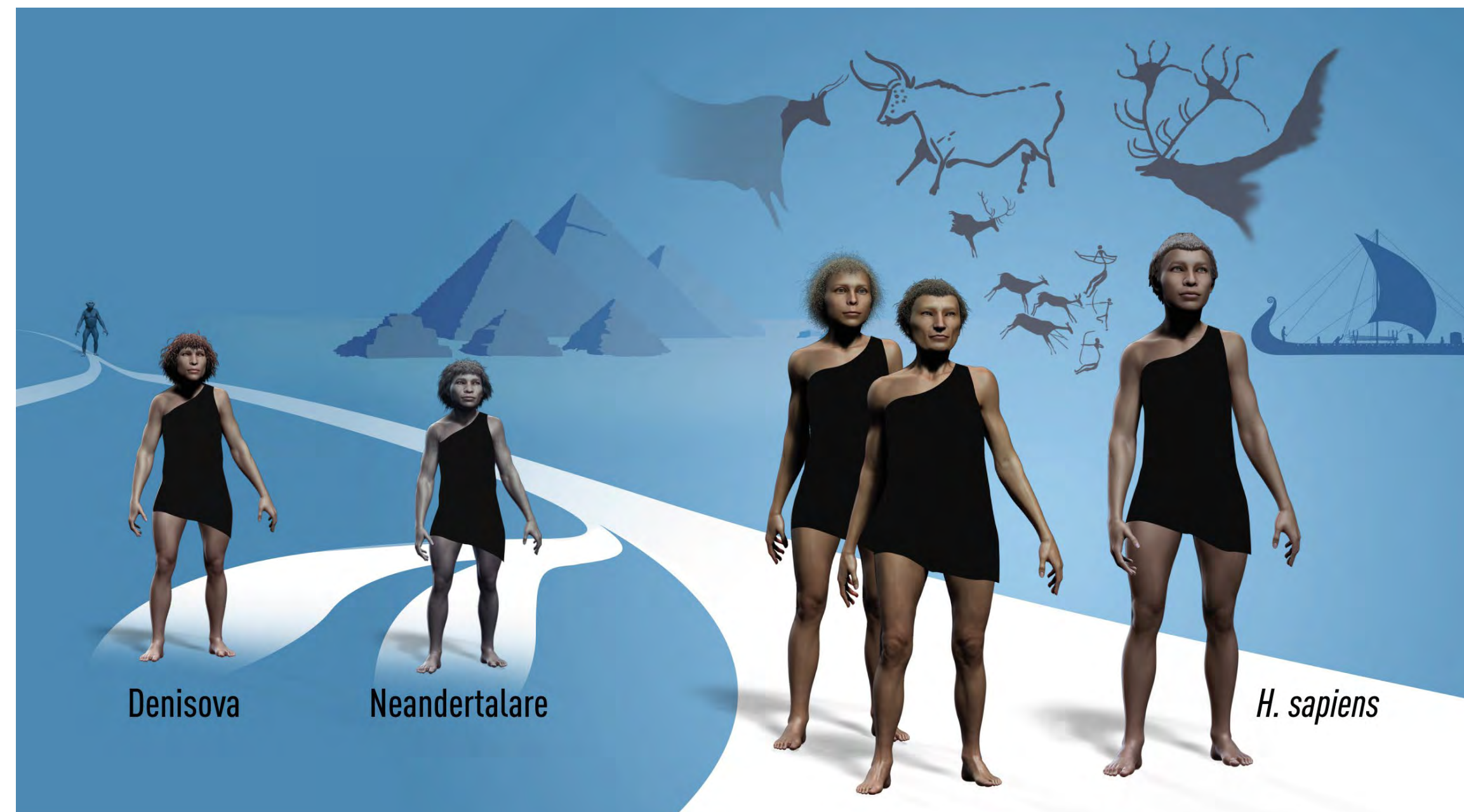
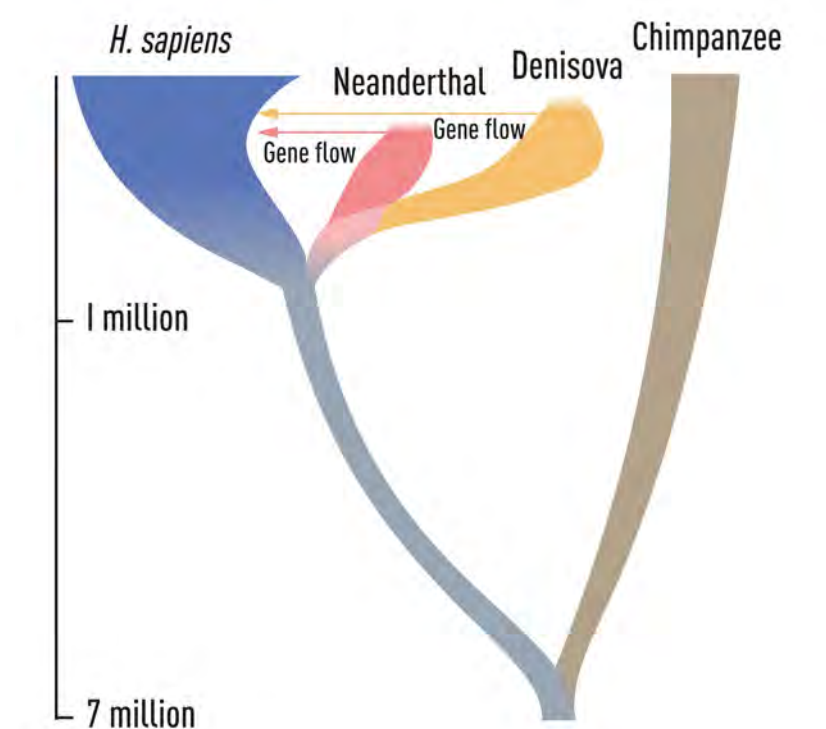


PHOTO: FRANK VINKEN, MAX-PLANCK-GESELLSCHAFT

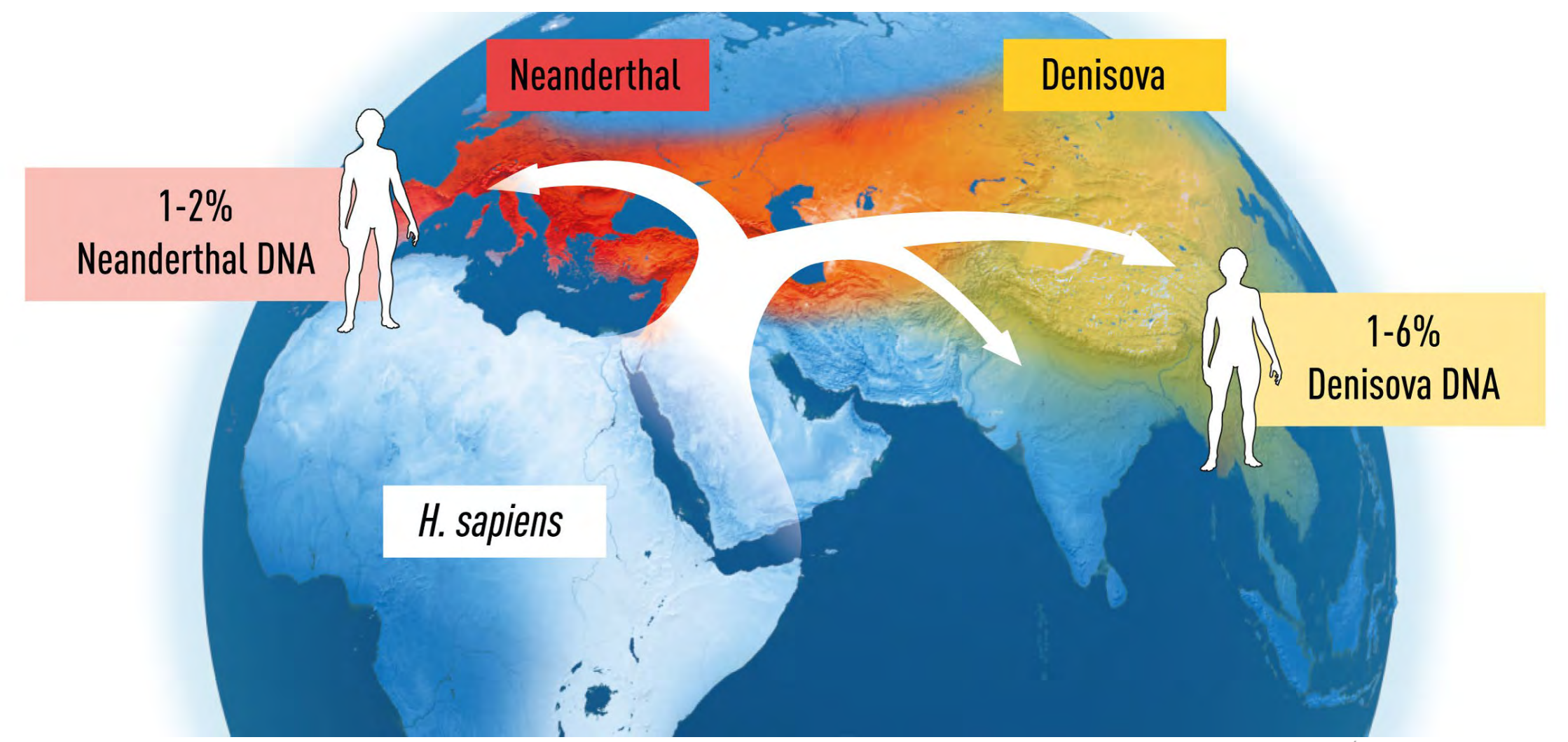


# The 2022 medicine laureate

“For his discoveries concerning the genomes of extinct hominins and human evolution.”



Svante Pääbo  
Born: 1955, Sweden



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## The 2022 literature prize

The 2022 literature prize is awarded to the French author Annie Ernaux (b. 1940) "for the courage and clinical acuity with which she uncovers the roots, estrangements and collective restraints of personal memory"



PHOTO: CATHERINE HÉLIE, GALLIMARD

Annie  
**Ernaux**

**Écrire la vie**



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## Excerpt from *Happening*



PHOTO: LAURENT MAOUS/GAMMA-RAPHO VIA GETTY IMAGES

“I turned all my intention to sport, hoping that my strenuous efforts or maybe even a fall might dislodge ‘that thing’, making it unnecessary for me to visit the woman in the 17th arrondissement. When Annick left me her skiing gear, which I couldn’t afford to hire, I would repeatedly tumble, imagining each time I did that I was inflicting the fall that would save me.”

From *Happening* (2000),  
Seven Stories Press 2021, translated by Tanya Leslie

# The 2022 peace prize – the fight for human rights

The 2022 Nobel Peace Prize is about human rights and the importance of civil society for peace and democracy.



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PHOTO: DARIA KROTOVA



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## The 2022 peace prize laureates

“They have made an outstanding effort to document war crimes, human right abuses and the abuse of power. Together they demonstrate the significance of civil society for peace and democracy.”



Ales Bialiatski  
Born: 1962, Russia



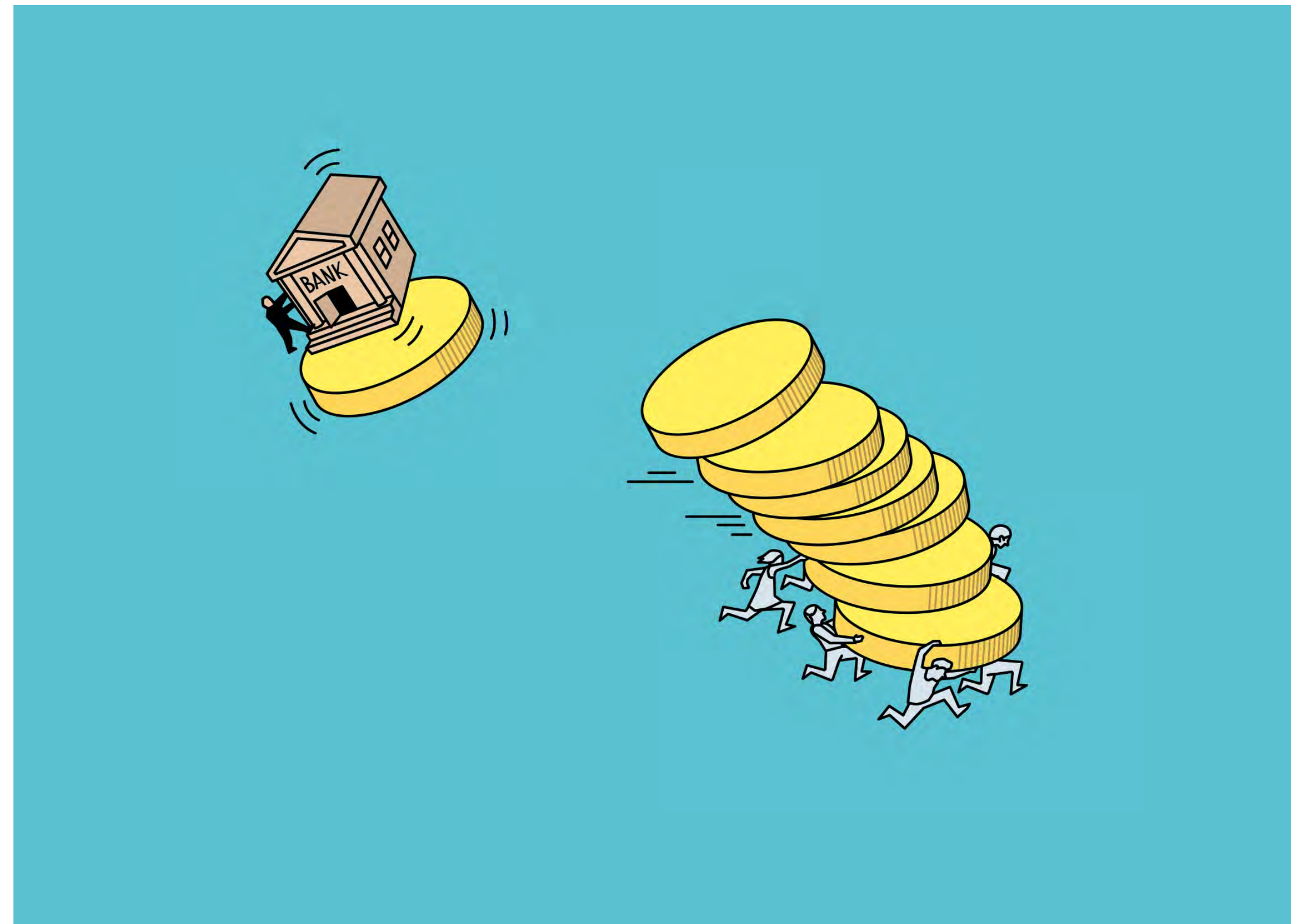
Memorial  
Founded: 1987, Russia



Center for Civil Liberties  
Founded: 2007, Ukraine

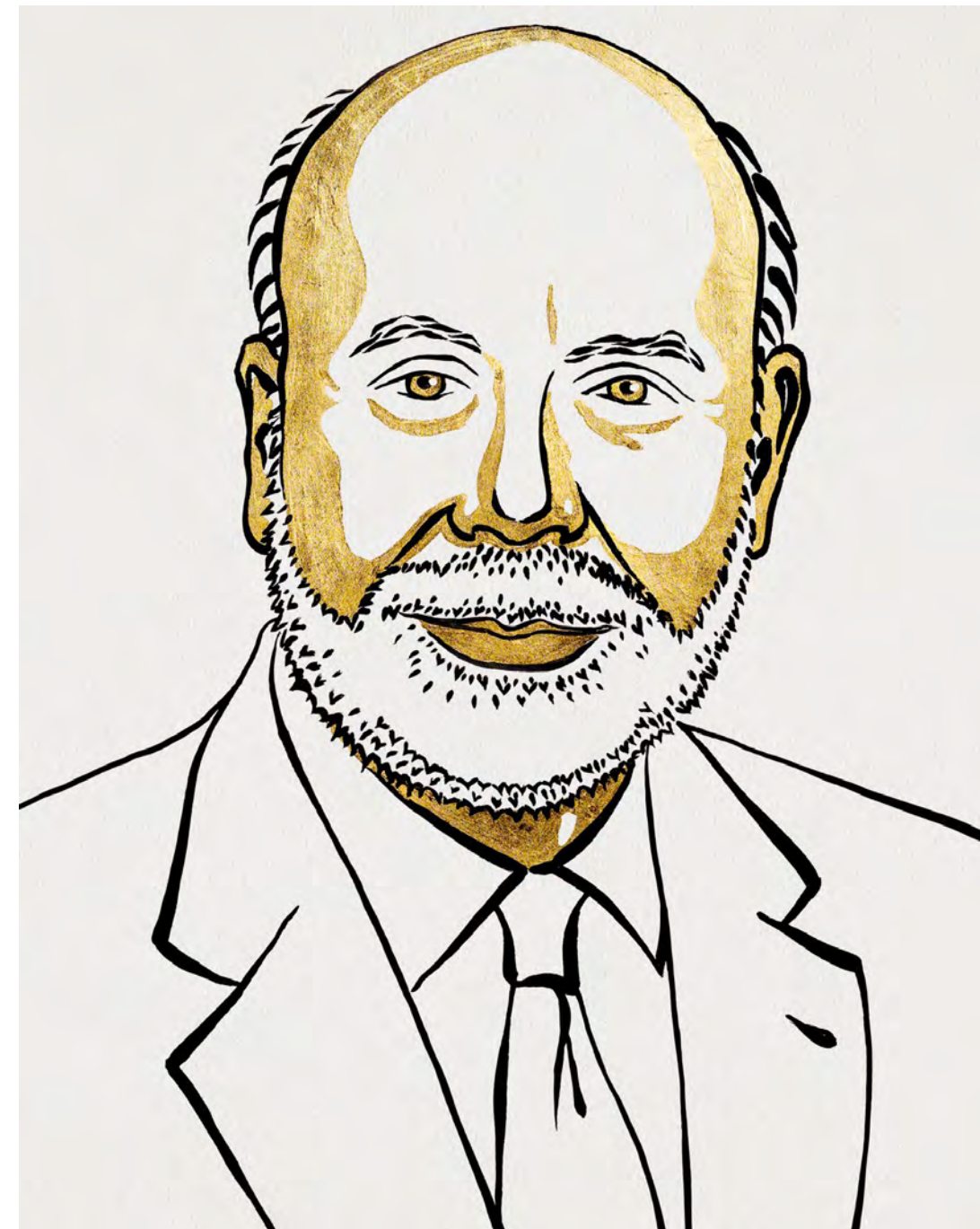
# The 2022 economic sciences prize – the role of banks in financial crises

The 2022 laureates have clarified the important role banks play in financial crises. With the help of their work, recent economic crises have not developed into long-term economic depressions.



# The 2022 economic sciences laureates

“for research on banks  
and financial crises”



Ben S. Bernanke  
Born: 1953, USA



Douglas W. Diamond  
Born: 1953



Philip H. Dybvig  
Born: 1955



# Awarding the Nobel Prize

On 10 December each year, the Nobel Prize is presented.



THE  
NOBEL  
PRIZE

FOR THE GREATEST  
BENEFIT TO  
HUMANKIND

Nobel Prize lessons