

# CHEMISTRY PRIZE 2021

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Tools that are revolutionising  
molecular construction

# The Nobel Prize in Chemistry

“to the person who made the most important chemical discovery or improvement”



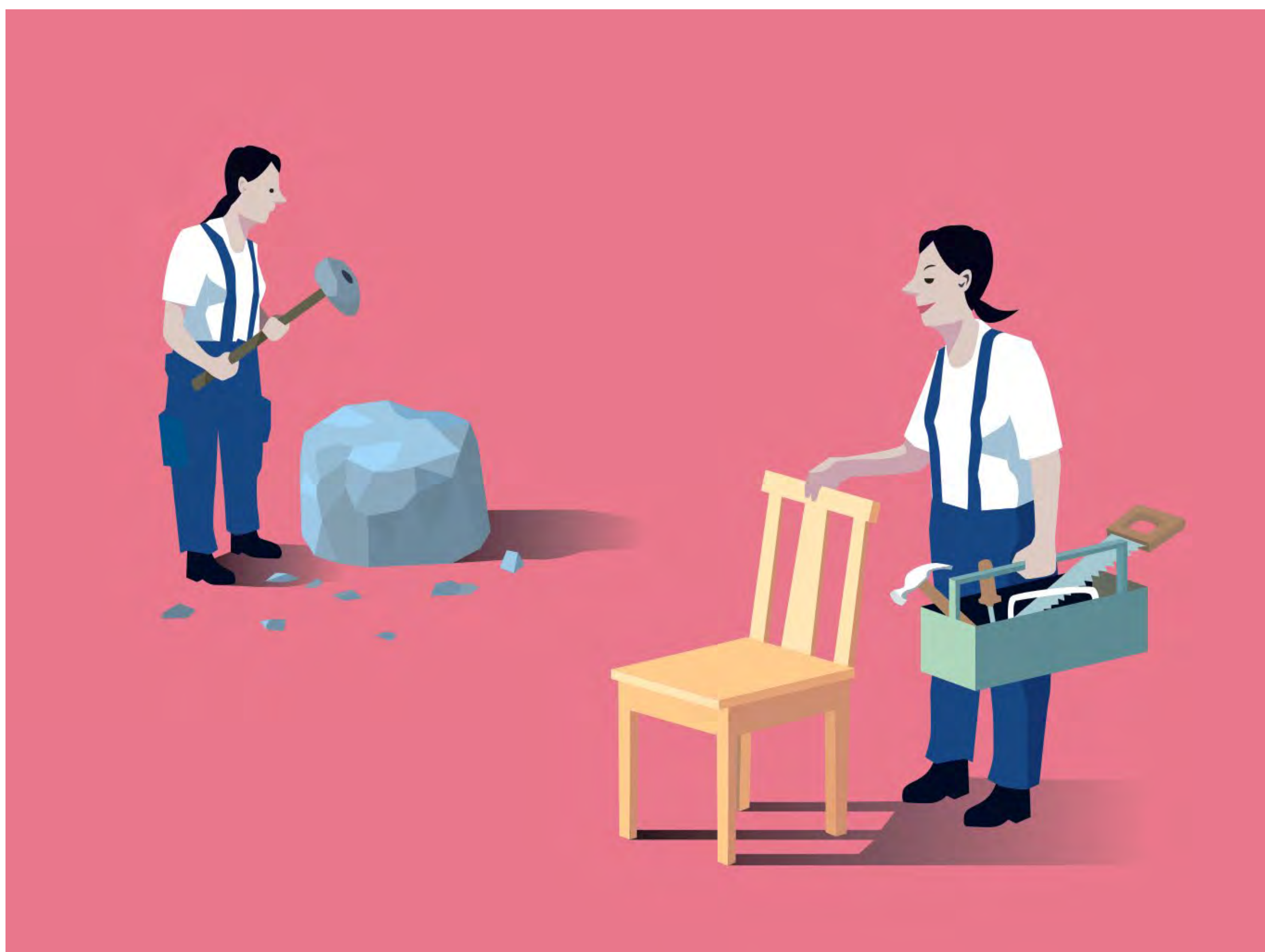
# Who is rewarded with the chemistry prize?

People who have made discoveries or improvements that have given us knowledge about the structure of various substances and how they are created and changed.



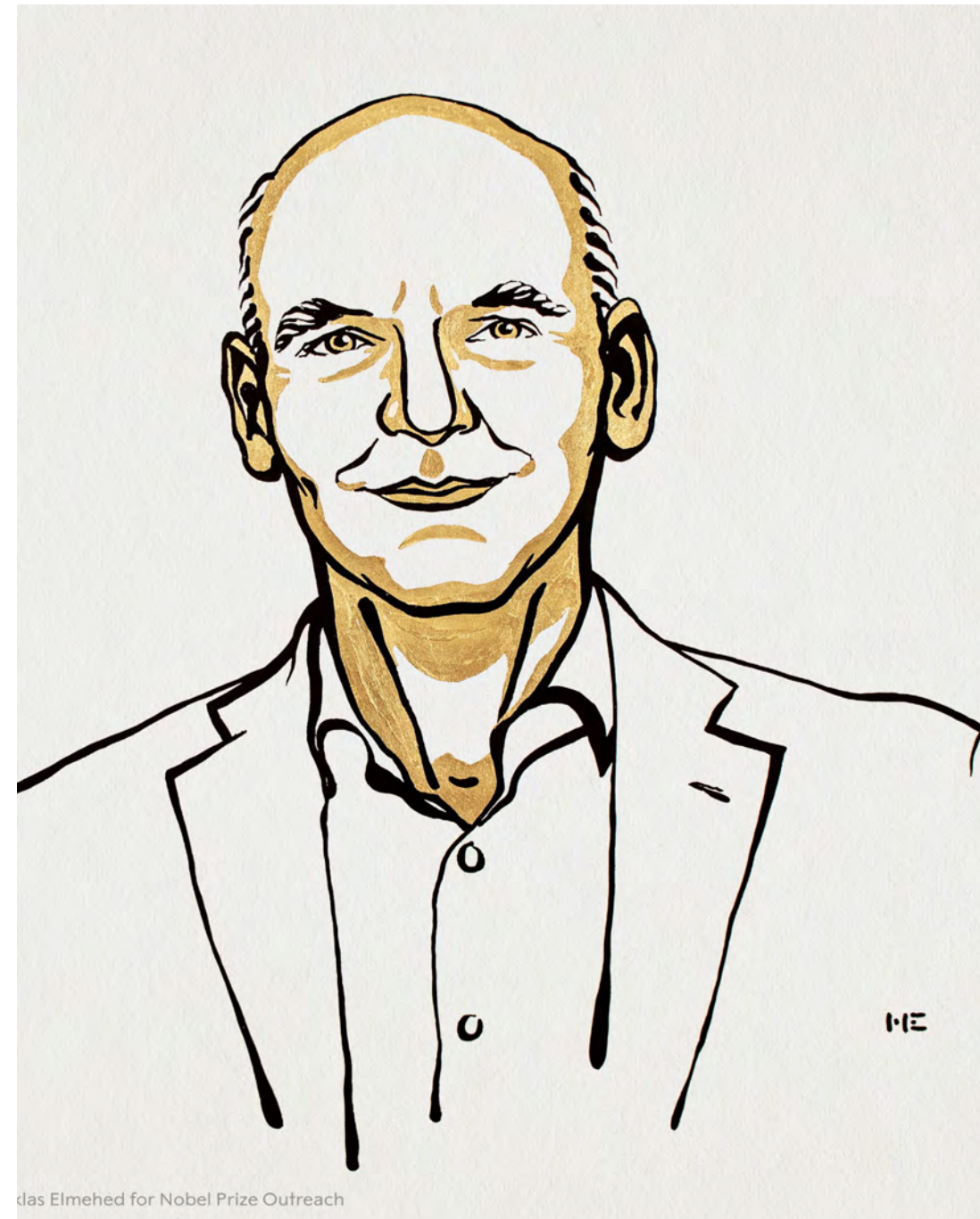
# The 2021 chemistry prize

The prize is awarded for tools that have revolutionised the construction of molecules.



# The 2021 chemistry laureates

"for the development of asymmetric organocatalysis"



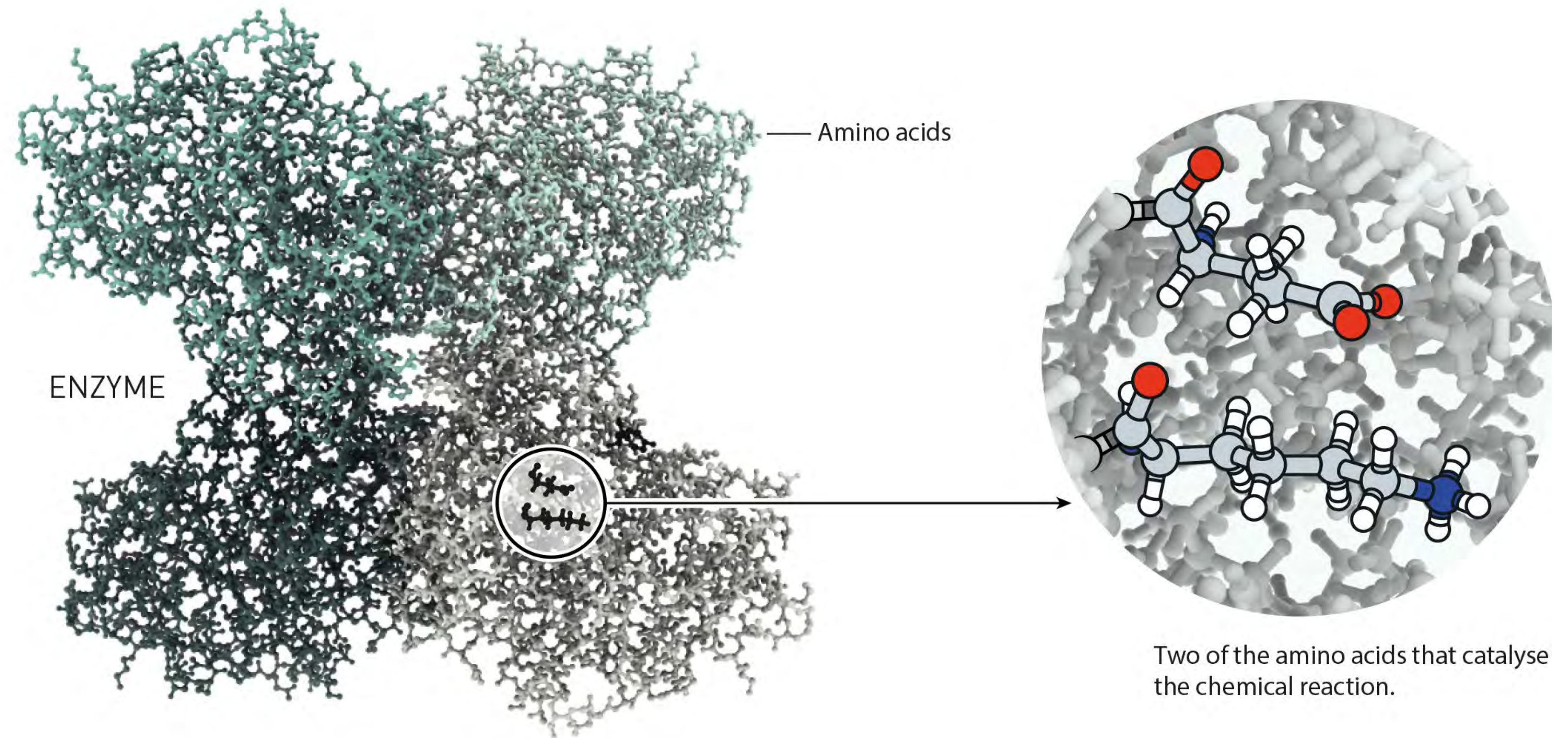
Benjamin List  
Born: 1968, Germany



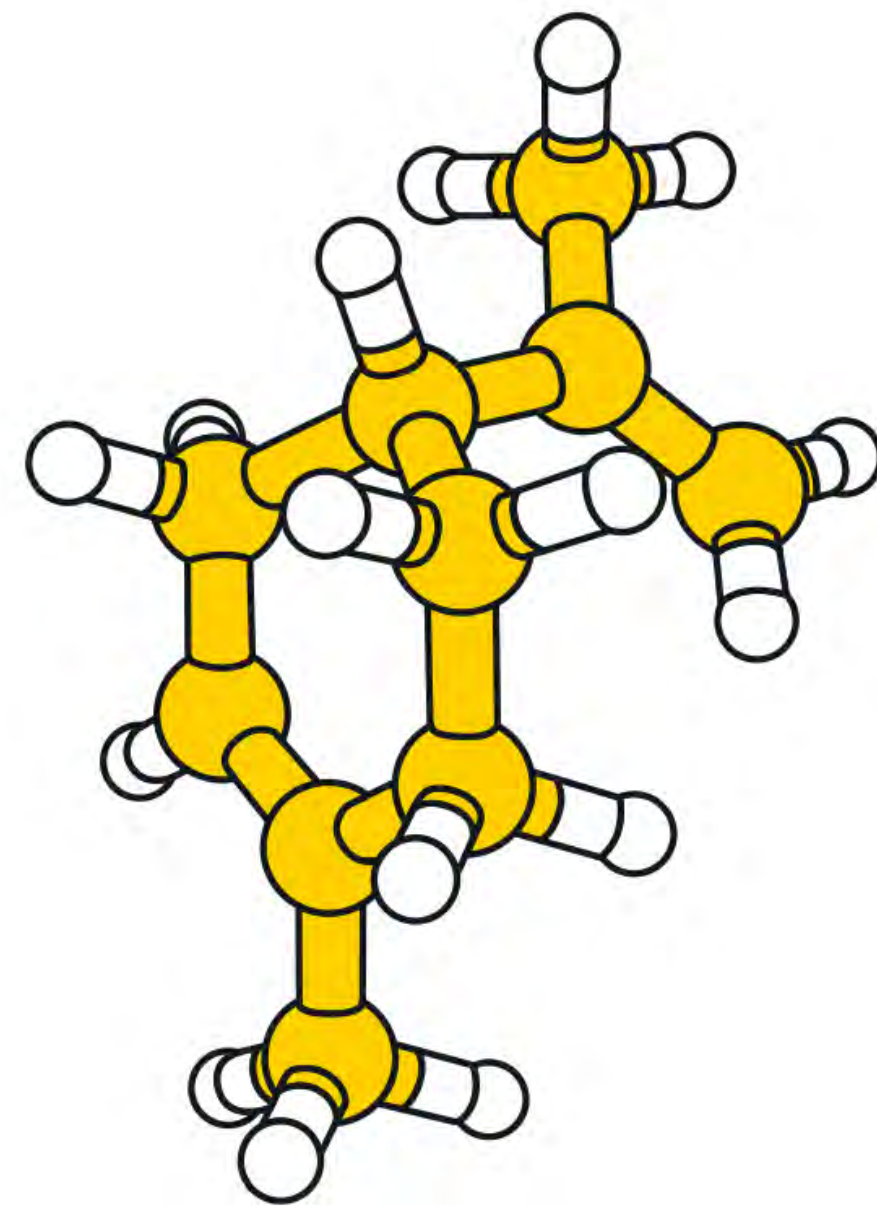
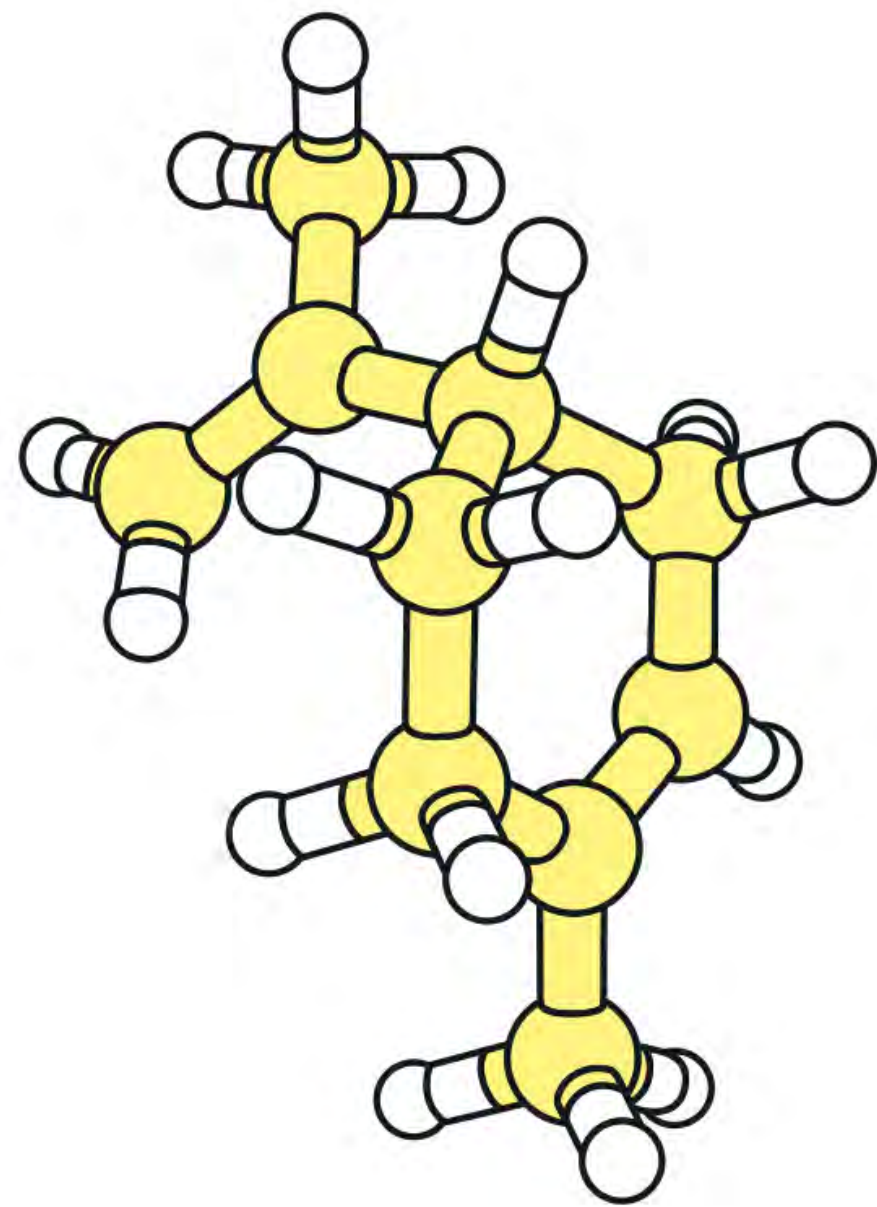
David W.C. MacMillan  
Född: 1968, Storbritannien

# Cheap, simple and eco-friendly

Benjamin List found  
the right molecule  
for the job.



# Similar and yet different



# For the greatest benefit to humankind

The laureates' tools are used to manufacture pharmaceuticals more efficiently.







PHOTOGRAPHER: FRANK VINKEN

“Making molecules  
is like creating  
something beautiful.”

Benjamin List, 2021 Nobel Prize in Chemistry

THE  
NOBEL  
PRIZE

FOR THE GREATEST  
BENEFIT TO  
HUMANKIND

Nobel Prize Lessons