

# Carolyn Ruth Bertozzi

born 1966



## Chemist

Founder of the field of bioorthogonal chemistry, which allows to chemically modify molecules in living organisms without interrupting the processes of the cell.

Works on synthesis of chemical tools to study cell glycans (surface sugars) and how they impact diseases such as cancer, inflammation, and viral infections like COVID-19.

Founder of multiple biotechnology start-ups.

## Lesbian

Laureate of Nobel Prize in Chemistry in 2022 (jointly with Morten P. Meldal and Karl Barry Sharpless) „for the development of click chemistry and bioorthogonal chemistry“.



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