

CHEMISTRY ADVENT 2018

15

1920

1922

1924

1926

1928



IDA NODDACK
🇩🇪 1896-1978



KATHLEEN LONSDALE
+ 1903-1971



GERTY CORI
🇨🇪 1896-1957



With her future husband, Walter Noddack, discovered rhenium. They also claimed discovery of element 43, but the results were not reproducible



The first to suggest the possibility of nuclear fission in a published work. The prediction was proved correct, but described at the time as 'ridiculous'



Nominated three times for a Nobel Prize in Chemistry, but never won



A pioneer in the use of X-rays to probe the structure of crystals



In 1929, proved that the benzene ring is flat by using X-ray diffraction methods



One of the first two women elected as a Fellow of the Royal Society (1945)



Involved in work on synthetic diamonds; a hexagonal form of diamond is named 'lonsdaleite' after her



In 1929, published the Cori Cycle with her husband, Carl Cori. The cycle describes how lactate produced in our muscles is converted to glucose by the liver, then fed back to the muscles



The first woman to be awarded a Nobel Prize in Physiology or Medicine



The work of the Coris enabled the development of improved techniques for the control of diabetes