The prize for the year 1936 was awarded jointly to:

Dale, Sir Henry Hallett, dr., director of the National Institute for Medical Research in London, born 1875; and

LOEWI, OTTO, professor of pharmacology at the University of Graz, born 1873; "for their discoveries relating to chemical transmission of nerve impulses".

The prize for the year 1937 was awarded to:

Szent-Györgyi von Nagyrapolt, Albert, professor of medical chemistry at the University of Szeged, Hungary, born 1893; "for his discoveries relating to biological combustion, especially with regard to vitamin C and the catalysis of fumaric acid."

The prize for the year 1938 was reserved for the following year.