

SCIENTIFIC DISCOVERIES



IN 1901 BORDET & GENGOU PUBLISHED
DETAILS OF THEIR COMPLEMENT-FIXATION TEST

JULES BORDET (1870 – 1961)
BELGIAN IMMUNOLOGIST

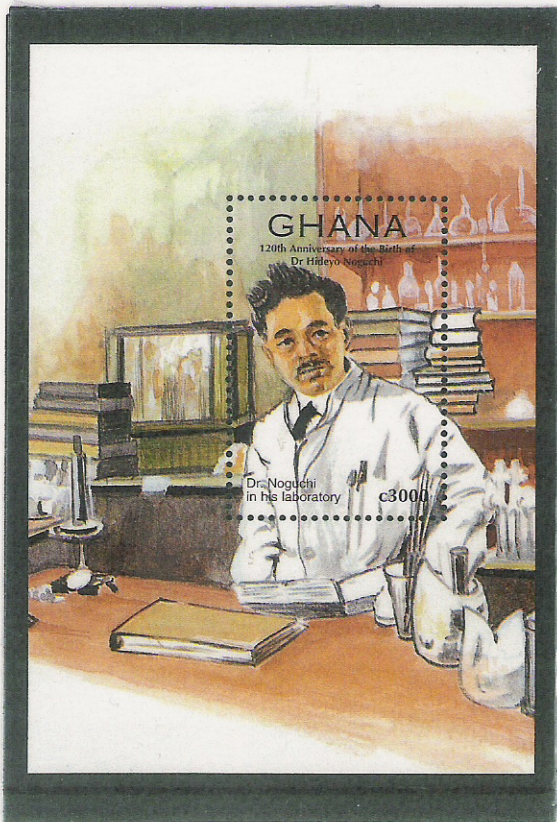
IN 1906 WASSERMAN, NEISSER & BRUCK
DESCRIBED A COMPLEMENT FIXATION
REACTION USING AN AQUEOUS EXTRACT
OF FOETAL SYPHILITIC LIVER AS ANTIGEN



AUGUSTUS von WASSERMAN (1866 – 1925)

FOLLOWING HIS WORK IN 1911-12 NOGUCHI
ANNOUNCED THAT HE HAD GROWN THE
SPIROCHAETE OF SYPHILIS IN ARTIFICIAL
MEDIA

IN 1913 NOGUCHI & MOORE DESCRIBED THE
PRESENCE OF SPIROCHAETES IN THE BRAIN
OF A SYPHILIS SUFFERER



HIDEYO NOGUCHI (1876 – 1928)
JAPANESE MICROBIOLOGIST



GEOGES MARINESCU (1863 – 1938)
ROMANIAN NEUROLOGIST
CONFIRMED NOGUCHI'S DISCOVERY