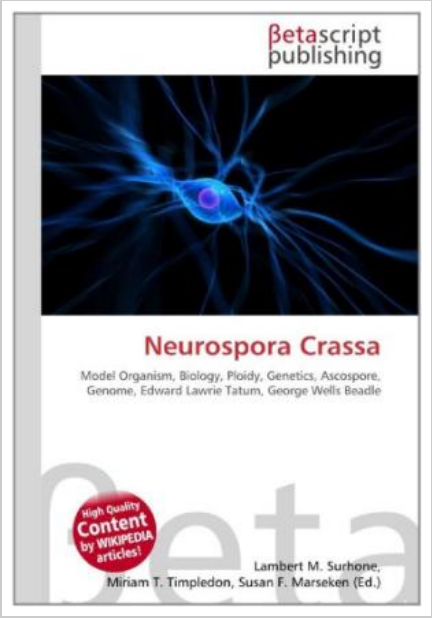

DOWNLOAD

Neurospora Crassa

By Lambert M. Surhone

Betascript Publishers Feb 2010, 2010. Taschenbuch. Book Condition: Neu. 220x150x6 mm. Neuware - High Quality Content by WIKIPEDIA articles! Neurospora crassa is a type of red bread mold of the phylum Ascomycota. The genus name, meaning 'nerve spore' refers to the characteristic striations on the spores. N. crassa is used as a model organism because it is easy to grow and has a haploid life cycle that makes genetic analysis simple since recessive traits will show up in the offspring. Analysis of genetic recombination is facilitated by the ordered arrangement of the products of meiosis in Neurospora ascospores. Its entire genome of seven chromosomes has been sequenced. Neurospora was used by Edward Tatum and George Wells Beadle in their experiments for which they won the Nobel Prize in Physiology or Medicine in 1958. Beadle and Tatum exposed N. crassa to x-rays, causing mutations. They then observed failures in metabolic pathways caused by errors in specific enzymes. This led them to propose the 'one gene, one enzyme' hypothesis that specific genes code for specific proteins. Their hypothesis was later elaborated to enzyme pathways by Norman Horowitz, also working in Neurospora. 108 pp. Englisch.

READ ONLINE
[9.49 MB]

Reviews

Comprehensive information for publication enthusiasts. I could possibly comprehended every little thing using this composed e pdf. You can expect to like the way the article writer create this pdf.

-- ***Abby Kozey IV***

A must buy book if you need to adding benefit. It is actually writter in basic phrases and never difficult to understand. I found out this book from my dad and i advised this publication to find out.

-- ***Miss Camila Schuppe III***