Accepted Manuscript

Society for Invertebrate Pathology Founder's Lecture 2014

Dr. Alois Huger – Laying the foundations for an integrated insect pathology

Trevor A. Jackson

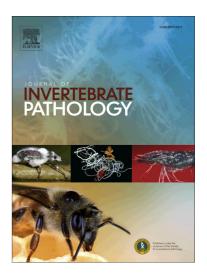
PII: S0022-2011(16)30212-9

DOI: http://dx.doi.org/10.1016/j.jip.2016.11.010

Reference: YJIPA 6888

To appear in: Journal of Invertebrate Pathology

Received Date: 10 August 2016 Revised Date: 16 November 2016 Accepted Date: 17 November 2016



Please cite this article as: Jackson, T.A., Dr. Alois Huger – Laying the foundations for an integrated insect pathology, *Journal of Invertebrate Pathology* (2016), doi: http://dx.doi.org/10.1016/j.jip.2016.11.010

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

Society for Invertebrate Pathology Founder's Lecture 2014*

Dr. Alois Huger – Laying the foundations for an integrated insect pathology

Trevor A. Jackson

Lincoln Research Centre, AgResearch, New Zealand

Postal address; AgResearch Limited, Lincoln Research Centre, Private Bag 4749, Christchurch 8140,

New Zealand. Email: trevor.jackson@agresearch.co.nz

*Presented on August 4 2014 at the 47th Annual Meeting of the Society for Invertebrate Pathology held at University of Mainz, Germany.

Abstract

Dr. rer. nat. Alois M. Huger had a long and distinguished career at the Institut für biologische Schädlingsbekämpfung (Institute for Biological Pest Control) Darmstadt, Germany, where he became one of the world's leading insect pathologists. He applied his experience and understanding of insect tissues and specialist skills in microscopy to diagnosis and elucidation of the pathology of insect diseases. During his career he discovered the *Oryctes* nudivirus and *Bacillus thuringiensis* subsp. *tenebrionis*, and was a member of teams unravelling amber disease in scarab beetles and the role of bacteria in parthenogenesis of parasitoids. He researched and described the life cycles of microsporidian and rickettsial pathogens of insects and was the first to describe the ultrastructure of a microsporidian spore. Dr. Huger carried out diagnosis of diseased insects over a period of 55 years and has left us with many publications and a database containing thousands of records for ongoing investigation. Working with multiple pathogens in different systems, Dr. Huger obtained an overview second to none in the complexities of insect/pathogen relationships and has been at the forefront of making these discoveries benefit humanity. He is a worthy recipient of the Founders' Lecture Honoree Award, the highest honour of the Society for Invertebrate Pathology.

Download English Version:

https://daneshyari.com/en/article/5767007

Download Persian Version:

https://daneshyari.com/article/5767007

<u>Daneshyari.com</u>