

independent of their origin could develop stable epiphytic populations. Surprisingly, in the embryonated egg model there was no difference of virulence between clinical and vegetable *P. agglomerans* isolates. However, these strains were significantly less virulent than a phytopathogenic *P. ananatis* isolate.

We could find no experimental evidence that different *P. agglomerans* isolates show adaptations to different niches and specifically to warm blooded hosts. Thus, it might be necessary to reconsider the biosafety level of *P. agglomerans*.

(DPG AK Phyto bakteriologie)

Literatur

Annual Review of Plant Biology, Vol. 60, 2009. Eds.: Sabeeha MERCHANT, Winslow R. BRIGGS, Vicki L. CHANDLER. Palo Alto California, USA, Annual Reviews, 607 S., ISBN 978-0-8243-0660-1, ISSN 1543-5008.

Der vorliegende Band 60 beginnt mit einem Artikel von Jan A. D. ZEEVAART mit dem Thema: My Journey from Horticulture to Plant Biology. Er schildert darin seinen beruflichen Werdegang als Forscher im Fachgebiet Pflanzenbiologie.

Weitere Übersichtsartikel aus dem Gesamtgebiet der Pflanzenbiologie schließen sich an:

Roles of Proteolysis in Plant Self-Incompatibility (Yijiang ZHANGG, Zhonghua ZHAO, Yongbiao XUE); Epigenetic Regulation of Transposable Elements in Plants (Damon LISCH); 14-3-3 and FHA Domains Mediate Phosphoprotein Interactions (David CHEVALIER; Erin R. MORRIS, John C. WALKER); Quantitative Genomics: Analyzing Intraspecific Variation Using Global Gene Expression Polymorphisms or eQTLs (Dan KLIEBENSTEIN); DNA Transfer from Organelles to the Nucleus: The Idiosyncratic Genetics of Endosymbiosis (Tatjana KLEINE, Uwe G. MAIER; Dario LEISTER); The HSP90-SGT1 Chaperone Complex for NLR Immune Sensors (Ken SHIRASU); Cellulosic Biofuels (Andrew CARROLL,

Chris SOMERVILLE); Jasmonate Passes Muster: A Receptor and Targets for the Defense Hormone (John BROWSE); Phloem Transport: Cellular Pathways and Molecular Trafficking (Robert TURGEON, Shmuel WOLF); Selaginella and 400 Million Years of Separation (Jo Ann BANKS); Sensing and Responding to Excess Light (Zhirong LI, Setsuko WAKAO, Beat B. FISCHER; Krishna K. NIYOGI); *Aquilegia*: A New Model for Plant Development, Ecology, and Evolution (Elena M. KRAMER); Environmental Effects on Spatial and Temporal Patterns of Leaf and Root Growth (Achim WALTER; Wendy K. SILK, Ulrich SCHURR); Short-Read Sequencing Technologies for Transcriptional Analyses (Stacey A. SIMON, Jixian ZHAI, Raja Sekhar NANDETY, Kevin P. MCCORMICK, Jia ZENG, Diego MEJIA, Blake C. MEYERS); Biosynthesis of Plant Isoprenoids: Perspectives for Microbial Engineering (James KIRBY, Jay D. KEASLING); The Circadian System in Higher Plants (Stacey L. HARMER); A Renaissance of Elicitors: Perception of Microbe-Associated Molecular Patterns and Danger Signals by Pattern-Recognition Receptors (Thomas BOLLER, Georg FELIX); Signal Transduction in Responses to UV-B Radiation (Gareth I. JENKINS); Bias in Plant Gene Content Following Different Sorts of Duplication: Tandem, Whole-Genome, Segmental, or by Transposition (Michael FREELING); Photorespiratory Metabolism: Genes, Mutants, Energetics, and Redox Signaling (Christine H. FOYER; Arnold BLOOM, Guillaume QUEVAL, Graham NOCTOR); Roles of Plant Small RNAs in Biotic Stress Responses (Virginia RUIZ-FERRER, Olivier VOINNET); Genetically Engineered Plants and Foods: A Scientist's Analysis of the Issues (Part II) (Peggy G. LEMAUX); The Role of Hybridization in Plant Speciation (Pamela S. SOLTIS, Douglas E. SOLTIS).

Der Band 60 wird durch ein kumulierendes Verzeichnis aller an den Bänden 50 bis 60 beteiligten Autoren ergänzt. Zusätzlich sind alle in diesen Bänden abgehandelten Themen nach Sachgebieten sortiert aufgelistet.

Unter <http://plant.annualreviews.org> kann die Buchreihe online genutzt werden.

Annual Review of Plant Biology ist eine äußerst umfassende und wertvolle Informationsquelle der pflanzenbiologischen Fachliteratur. Die Buchreihe sollte in jeder entsprechenden Fachbibliothek vorhanden sein.

Sabine REDLHAMMER (JKI Braunschweig)