

Literatur

Annual Review of Phytopathology, Vol. 49, 2011. Eds.: Neal K. VAN ALFEN, George BRUENING, Jan E. LEACH. Palo Alto, Calif., USA, Annual Reviews, 576 S., ISBN 978-0-8243-1349-4, ISSN 0066-4286.

Band 49 des „Annual Review of Phytopathology“ beginnt mit einem Artikel von George BRUENING mit dem Titel: „Not As They Seem“. Darin gibt BRUENING einen Überblick über einige seiner Forschungsschwerpunkte. Es folgt ein Beitrag von Sanjaya RAJARAM über den amerikanischen Agrarwissenschaftler Norman BORLAUG, der besonders durch seine Weizenzüchtung weltweit bekannt wurde. Der Artikel trägt den Titel „Norman Borlaug – The Man I Worked With and Knew“.

Weitere Übersichtsartikel aus dem Gesamtgebiet der Phytopathologie schließen sich an:

Chris LAMB: A Visionary Leader in Plant Science (Richard A. DIXON); A Coevolutionary Framework for Managing Disease-Suppressive Soils (Linda L. KINKEL, Matthew G. BAKKER, Daniel C. SCHLATTER); A Successful Bacterial Coup d'État: How *Rhodococcus fascians* Redirects Plant Development (Elisabeth STES, Olivier M. VANDEPUTTE, Mondher EL JAZIRI, Marcelle HOLSTERS, Danny VERECKE); Application of High-Throughput DNA Sequencing in Phytopathology (David J. STUDHOLME, Rachel H. GLOVER, Neil BOONHAM); *Aspergillus flavus* (Saori AMAIKE, Nancy P. KELLER); Cuticle Surface Coat of Plant-Parasitic Nematodes (Keith G. DAVIES, Rosane H.C. CURTIS); Detection of Diseased Plants by Analysis of Volatile Organic Compound Emission (R.M.C. JANSEN, J. WILDT, I.F. KAPPERS, H.J. BOUWMEESTER, J.W. HOFSTEE, E.J. VAN HENTEN); Diverse Targets of Phytoplasma Effectors: From Plant Development to Defense Against Insects (Akiko SUGIO, Allyson M. MACLEAN, Heather N. KINGDOM, Victoria M. GRIEVE, R. MANIMEKALAI, Saskia A. HOGENHOUT); Diversity of *Puccinia striiformis* on Cereals and Grasses (Mogens S. HOVMØLLER, Chris K. SØRENSEN, Stephanie WALTER, Annemarie F. JUSTESEN); Emerging Virus Diseases Transmitted by Whiteflies (Jesús NAVAS-CASTILLO, Elvira FIALLO-OLIVÉ, Sonia SÁNCHEZ-CAMPOS); Evolution and Population Genetics of Exotic and Re-Emerging Pathogens: Novel Tools and

Approaches (Niklaus J. GRÜNWARD, Erica M. GOSS); Evolution of Plant Pathogenesis in *Pseudomonas syringae*: A Genomics Perspective (Heath E. O'BRIEN, Shalabh THAKUR, David S. GUTTMAN); Hidden Fungi, Emergent Properties: Endophytes and Microbiomes (Andrea PORRAS-ALFARO, Paul BAYMAN); Hormone Crosstalk in Plant Disease and Defense: More Than Just Jasmonate-Salicylate Antagonism (Alexandre ROBERT-SEILANIANZ, Murray GRANT, Jonathan D. G. JONES); Plant-Parasite Coevolution: Bridging the Gap between Genetics and Ecology (James K.M. BROWN, Aurélien TELLIER); Reactive Oxygen Species in Phytopathogenic Fungi: Signaling, Development, and Disease (Jens HELLER, Paul TUDZYNSKI); Revision of the Nomenclature of the Differential Host-Pathogen Interactions of *Venturia inaequalis* and *Malus* (Vincent G.M. BUS, Erik H.A. RIKKERINK, Valérie CAFFIER, Charles-Eric DUREL, Kim M. PLUMMER); RNA-RNA Recombination in Plant Virus Replication and Evolution (Joanna SZTUBA-SOLIŃSKA, Anna URBANOWICZ, Marek FIGLEROWICZ, Jozef J. BUJARSKI); The *Clavibacter michiganensis* Subspecies: Molecular Investigation of Gram-Positive Bacterial Plant Pathogens (Rudolf EICHENLAUB, Karl-Heinz GARTEMANN); The Emergence of Ug99 Races of the Stern Rust Fungus is a Threat to World Wheat Production (Ravi P. SINGH, David P. HODSON, Julio HUERTA-ESPINO, Yue JIN, Sridhar BHAVANI, Peter NJAU, Sybil HERRERA-FOESSEL, Pawan K. SINGH, Sukhwinder SINGH, Velu GOVINDAN); The Pathogen-Actin Connection: A Platform for Defense Signaling in Plants (Brad DAY, Jessica L. HENTY, Katie J. PORTER, Christopher J. STAIGER); Understanding and Exploiting Late Blight Resistance in the Age of Effectors (Vivianne G.A.A. VLEESHOUWERS, Sylvain RAFFAELE, Jack H. VOSSEN, Nicolas CHAMPOURET, Ricardo OLIVA, Maria E. SEGRETIN, Hendrik RIETMAN, Lilliana M. CANO, Anoma LOKOSSOU, Geert KESSEL, Mathieu A. PEL, Sophien KAMOUN); Water Relations in the Interaction of Foliar Bacterial Pathogens with Plants (Gwyn A. BEATTIE); What Can Plant Autophagy Do for an Innate Immune Response? (Andrew P. HAYWARD, S.P. DINESH-KUMAR).

Der Band ist unter <http://phyto.annualreviews.org> auch online verfügbar. Ebenso wie vorher erschienene Bände, ist der Band 49 der Reihe „Annual Review of Phytopathology“ eine äußerst wertvolle Informationsquelle phytopathologischer Forschungsergebnisse bzw. Literatur.

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