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Sommario/riassunto	Nicole Mika, Holger Zorn, Martin Rühl Insect derived enzymes – a treasure for white biotechnology and food biotechnology Hans Merzendorfer Insect-derived chitinases Rainer Fischer, Raluca Ostafe and Richard M Twyman Cellulases from insects. Damir Druzinec, Denise Salzig, Alexander Brix, Matthias Kraume and Peter Czermak Optimization of Insect Cell Based Protein Production Processes - Expression Systems, Online Monitoring, Scale-Up. Matthias Schott, Christoph Wehrenfennig, Tina Gasch, Andreas Vilcinskis Insect

antenna-based biosensors for in situ detection of volatiles Marc F. Schetelig and Alfred M. Handler Y-linked markers for improved population control of the tephritid fruit fly pest, *Anastrepha suspensa* Kenneth E. Narva, Blair D. Siegfried and Nicholas P. Storer Transgenic Approaches to Western Corn Rootworm Control. Eileen Knorr, Linda Bingsohn, Michael R. Kanost, Andreas Vilcinskas *Tribolium castaneum* as a model for high-throughput RNAi screening Torsten Will, Andreas Vilcinskas Aphid-proof plants: Biotechnology-based approaches for aphid control.
