المعهد الوطني للبحث الزراعي
Institut National de la Recherche Agronomiqu

BULLETIN DES SOMMAIRES DES PERIODIQUES SCIENTIFIQUES

Mai/Juin 2018

Avis aux Lecteurs

Le présent bulletin des sommaires concerne le sommaire des périodiques reçus au Service de Documentation de l'INRA.

La consultation du sommaire des périodiques est rendue facile grâce à la liste alphabétique des titres des périodiques ci-jointe. Cette liste renvoie aux pages des sommaires dans ce bulletin, ainsi les articles qui vous intéressent peuvent être commandés auprès du service en respectant de mentionner les données suivantes :

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- Le volume et le numéro du périodique ;
- La cote de rangement du périodique ;
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fourrages

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On the cover: The cover image shows the predicted tertiary structures of three apoplastic small secreted proteins (Ecp4, Ecp20-1, and Ecp28-3) from *Cladosporium fulvum*. The tertiary structures of Ecp4 (top), Ecp20-1 (middle), and Ecp28-3 (bottom) were predicted by RaptorX using the characterized tertiary structures of MiAMP1 from *Macadamia integrifolia* (Research Collaboratory for Structural Bioinformatics protein databank ID: 1C01), Alt a 1 from *Alternaria alternata* (3V0R), and the β subunit of KP6 from *Ustilago maydis* (4GVB) as templates, respectively. For the article by Mesarich et al., see page 145.

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On the cover: Phytophthora palmivora extracellular cystatin-like protease inhibitor PpalEPIC8 mutants T15-1, T1-3, T4-2, and T11-1, which were generated using CRISPR/Cas9-mediated gene editing via *Agrobacterium*-mediated transformation, exhibited reduced virulence on papaya fruit compared with the wild-type strain, suggesting that PpalEPIC8 plays a role in *P. palmivora* virulence. For the article by Gumtow et al., see page 363.

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Cover: *Sclerotinia stem rot-diseased soybean plants with sclerotia formed inside the stem (Fall et al., page 469). Photo credit: Martin Chilvers.*

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Cover: *Cotton field showing poor crop stand and dead plants resulting from reniform nematode* (Rotylenchulus reniformis) *infection early in the crop growing season (background) and late in the crop growing season (inset) (Khanal et al., page 532). Photo credit: Churamani Khanal.*

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Cover: Afrina sporoboliae *sp. nov. is a newly described seed gall nematode that was collected from the roadside grass* Sporobolus cryptandrus *in west-central Idaho. The ability of seed gall nematodes in the genera* Anguina *and* Afrina *to function as vectors transmitting* Rathayibacter *sp. is of concern because* Rathayibacter toxicus *is a U.S. Select Agent (Barrantes-Infante et al., page 768). Photo credit: Sergei Subbotin for the inset and Bianca Barrantes-Infante for the site overview.*

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[1] Public summary is available in the online version of Plant Disease at http://apsjournals.apsnet.org/pdis

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Pathogenicity of *Bipolaris oryzae* on detached shoots of Chinese fir (courtesy L. Huang, see page 500); growth and sporulation of *Physarum cinereum* on dry bean pods and stems (courtesy J. Dianese, see page 507).

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South American leaf blight symptoms on a rubber tree stem (courtesy J. Guyot; see page 1052). Alternaria fruit rot and cracks around Pink Lady apple calyx (courtesy L. Gut; see page 1072).

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