















## l'ABC des BCAs\*

retrouvez les



| B comme BCA                                   |             |                |              |   |  |
|---|-------------|----------------|--------------|---|--|
| Qui   | Titre       | Statut UE      | Quand        | Comment   | Sujet                                    |
| SPER-Lep                                      | Insecticide | -              | 2021         |   | <i>nerve and muscular mode of action</i> |
| Amobeia<br>FR                                 | Bactéricide | <i>pending</i> | 2021         |   | <i>Willaertia magna C2c Maky</i>         |
| Futureco<br>Bioscience S.A.                   | Fongicide   | <i>pending</i> | 2021         |   | <i>Pseudomonas putida strain B2017</i>   |
| Kaken<br>Pharmaceutical<br>Co., Ltd.<br>Japan | Insecticide | -              | 1997<br>2021 |   | <i>Polyoxin D Zinc Salt</i>              |

| A comme Appels à Projets  |                               |                     |   |   |  |
|---|-------------------------------|---------------------|---|---|--|
| Qui   | Quoi                          | Quand               | Comment   | Où  | Pourquoi   |
| <br>RÉDUIRE ET AMÉLIORER<br>L'UTILISATION DES PHYTOS | recherche<br>et<br>innovation | →28<br>Fév.<br>2022 |  |  | Comment combiner les leviers opérationnels alternatifs aux produits phytopharmaceutiques de synthèse pour une protection intégrée des cultures ? |

| P comme Publication  |   |   |       |   |   |
|--|---|---|-------|---|---|
| Qui  | Titre   | Journal   | Quand | Comment   | Sujet   |
| Anna Maria<br>Pirttilä <i>et al.</i>   | Biofertilizers and Biocontrol Agents for Agriculture: How to Identify and Develop New Potent Microbial Strains and Traits   | <i>Micro organisms</i>                              | 2021  |  | <i>genome mining; plant-microbe interactions; microbe-microbe interactions; bacteriophage; microbiome engineering</i>   |
| Eunhye Yang,<br>Jae-Woo Lee,<br>Pahn-Shick<br>Chang & Il-<br>Kwon Park   | Development of chitosan-coated nanoemulsions of two sulfides present in onion ( <i>Allium cepa</i> ) essential oil and their nematocidal activities against the pine wood nematode, <i>Bursaphelenchus xylophilus</i> | <i>Environmental Science and Pollution Research</i> | 2021  |  | <i>Nanoemulsion<br/>Chitosan coating<br/>Dipropyl trisulfide<br/>Methyl propyl trisulfide<br/>Nematicidal activity<br/>Pine wood nematode</i>   |
| Reuben O.<br>Onwe,<br>Chukwudi<br>O.Onwosia,<br>Flora<br>N.Ezugworie,<br>Chito<br>C.Ekwealor,<br>Chigozie<br>C.Okonkwo | Microbial trehalose boosts the ecological fitness of biocontrol agents, the viability of probiotics during long-term storage and plants tolerance to environmental-driven abiotic stress                              | <i>Science of The Total Environment</i>             | 2022  |  | <i>Trehalose is a compatible solute that enhances stress tolerance in microorganisms and plants, T enhances the ecological competence of microbial biocontrol agents, Under long term storage, trehalose maintains the viability of probiotics used in functional foods</i> |

\* : Bio Control Agent (BCA) £ : Limite Maximale de Résidus (LMR)