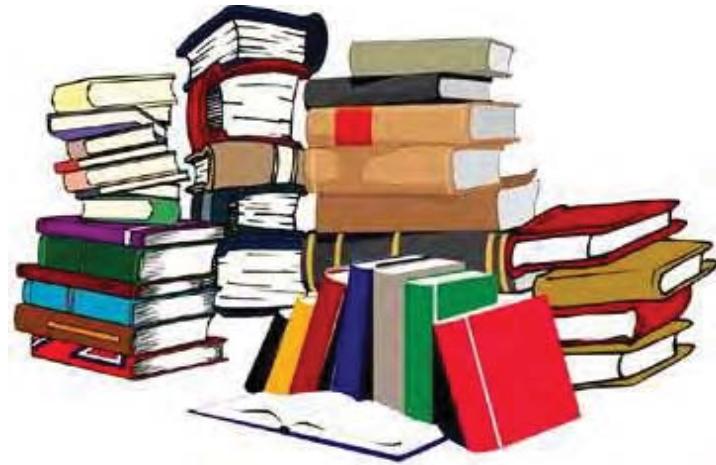




المعهد الوطني للبحث الزراعي
Institut National de la Recherche Agronomique

*BULLETIN DES SOMMAIRES
DES PERIODIQUES
SCIENTIFIQUES*



Janvier/février 2020



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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9 771581 917001



Spletna izdaja – Online: ISSN 1854-1941

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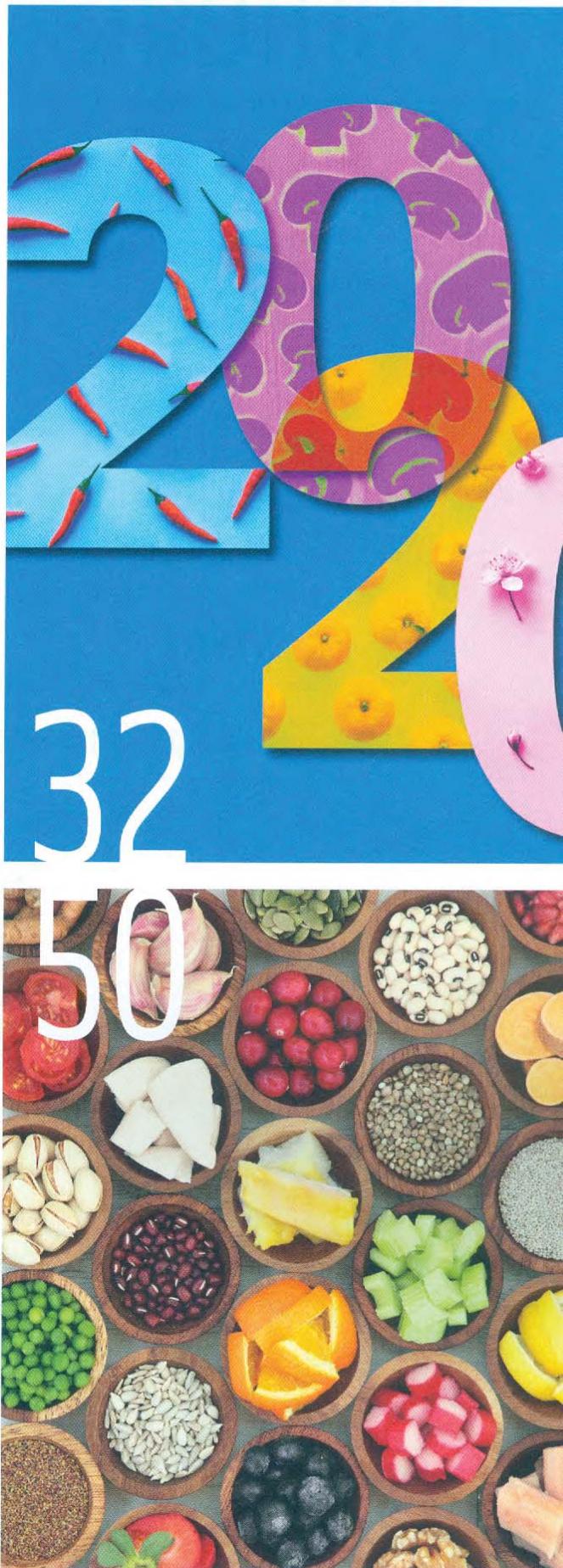
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La sélection de la rédaction

Le Pain des compagnons

Histoire des compagnons boulangers du Tour de France du Premier Empire à nos jours par un de leurs



Laurent Bourcier, Picard la Fidélité

Le pain des compagnons

Par Laurent Bourcier

Picard la fidélité

Compagnon du Tour de France

16 mai 2020 – 2.250 p – 4 volumes / un coffret cartonné – 185 €

ISBN : 979-10-699-3123 7

Vingt années de recherche et quinze de rédaction ont été nécessaires à la réalisation de l'ouvrage *Le pain des compagnons*, auto-édité par l'un d'eux. Témoin du sacerdoce que constitue le compagnonnage boulanger, il retrace son histoire depuis le Premier-Empire. La naissance des compagnons en 1811, une fiction ? Pourquoi des rixes sanglantes ont-elles éclaté entre les différentes sociétés ? Y-a-t-il eu des faits marquants pendant les périodes de conflit ?...éclaire aussi sur les rites et traditions de ces Compagnons boulangers et pâtissiers du Tour de France. Pourquoi certains portent-ils des anneaux aux oreilles ? Comment expliquer qu'ils ne pouvaient se faire embaucher en Provence ?... Servi de 750 illustrations, l'ouvrage s'appuie « sur des informations jamais étudiées ni présentées au grand public jusqu'alors », son auteur, Laurent Bourcier, ayant pu accéder aux archives privées de sa société.

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FOOD SCIENCE & TECHNOLOGY IS THE QUARTERLY JOURNAL OF THE INSTITUTE OF FOOD SCIENCE & TECHNOLOGY

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Fax +44 (0)20 7602 9936
Email info@ifst.org Web www.ifst.org

All enquiries concerning subscriptions (members and non-members) and back issues should be made to the IFST at the above address

PUBLISHED ON BEHALF OF THE IFST BY

John Wiley & Sons Limited
The Atrium, Southern Gate,
Terminus Road, Chichester PO19 8SQ, UK
Tel +44 (0)1243 779777

PUBLISHER

Gavin Sharrock gsharroc@wiley.com
DESIGN Simon Evans sevans@wiley.com

ADVERTISING SALES +44 (0) 203 289 0563
Contact Len Beckett, VRK Connect Ltd
Email ifst@vrkconnect.co.uk

PRINTED BY PCP

Contributions and editorial correspondence should be addressed to:

The Editor, Food Science & Technology
30 Frewin Road, London SW18 3LP, UK.
Tel/Fax +44 (0)208 874 9411
Email mb@biophase.co.uk

Articles are welcomed. Notes for Authors are available from the Editor. All submitted material is edited but not refereed.

Publication of unsolicited material is not guaranteed

SUBSCRIPTION RATES

For the full volume (4 issues)
UK/EU £107 or €130 inc £17 postage/handling charge (surface mail)

REST OF WORLD £112 or €135 or US\$195 inc £22 postage/handling charges (airmail).

DEADLINES EDITORIAL AND ADVERTISING COPY 2019-20 7 February, 1 May, 7 August, 2 October 2020.

Institute of Food Science & Technology **ifst**

Institute of Food Science and Technology. Registered Charity No. 1121681 and company limited by guarantee, registered in England and Wales, number 09930776.

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ISSN 1475 3324.

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ON THE COVER: The extract of a soil-derived *Dictyosporium* sp. fungal isolate was active in an NCI screen for inhibitors of the MALT1 protease. MALT1 is an arginine-specific protease in the paracaspase family that is recognized as a promising potential drug target for certain lymphomas, including some highly aggressive forms of non-Hodgkin lymphoma. Fractionation of the *Dictyosporium* extract provided a diverse array of new metabolites, along with a number of known compounds (Tran et al., *J. Nat. Prod.* 2019, 82, 154–162). Some of these new structures, which were established from extensive spectroscopic analyses, represented novel molecular scaffolds (top three compounds). The principal MALT1 inhibitory agents were a new oxepinochromenone, named fusidienol B (bottom compound), and the known positional isomer fusidienol A (Singh et al., *J. Org. Chem.* 1997, 62, 7485–7488), which was also isolated from the extract. These compounds are the first non-quinone natural products active against MALT1, and they could provide a lead structural framework for the development of clinically relevant MALT1 inhibitors. (Photo credits: Robert Cichewicz and Candace Coker, University of Oklahoma, Norman, OK, USA. This motif was assembled by Joseph Meyer, Leidos Biomedical Research, Inc., Frederick National Laboratory for Cancer Research, and provided by Dr. Kirk Gustafson, Molecular Targets Program, NCI-Frederick, Frederick, MD, USA.)

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DOI: 10.1021/acs.jnatprod.8b01056

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DOI: 10.1021/acs.jnatprod.9b00188

Asperpyridone A: An Unusual Pyridone Alkaloid Exerts Hypoglycemic Activity through the Insulin Signaling Pathway

Yubin Qiao, Qianqian Xu, Wenyu Feng, Li Tao, Xiao-Nian Li, Junjun Liu, Hucheng Zhu, Yuanyuan Lu, Jianping Wang, Changxing Qi,* Yongbo Xue,* and Yonghui Zhang*

ON THE COVER: The extract of a soil-derived *Dictyosporium* sp. fungal isolate was active in an NCI screen for inhibitors of the MALT1 protease. MALT1 is an arginine-specific protease in the paracaspase family that is recognized as a promising potential drug target for certain lymphomas, including some highly aggressive forms of non-Hodgkin lymphoma. Fractionation of the *Dictyosporium* extract provided a diverse array of new metabolites, along with a number of known compounds (Tran et al., *J. Nat. Prod.* 2019, 82, 154–162). Some of these new structures, which were established from extensive spectroscopic analyses, represented novel molecular scaffolds (top three compounds). The principal MALT1 inhibitory agents were a new oxepinochromenone, named fusidienol B (bottom compound), and the known positional isomer fusidienol A (Singh et al., *J. Org. Chem.* 1997, 62, 7485–7488), which was also isolated from the extract. These compounds are the first non-quinone natural products active against MALT1, and they could provide a lead structural framework for the development of clinically relevant MALT1 inhibitors. (Photo credits: Robert Cichewicz and Candace Coker, University of Oklahoma, Norman, OK, USA. This motif was assembled by Joseph Meyer, Leidos Biomedical Research, Inc., Frederick National Laboratory for Cancer Research, and provided by Dr. Kirk Gustafson, Molecular Targets Program, NCI-Frederick, Frederick, MD, USA.)

Editorial

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DOI: 10.1021/acs.jnatprod.9b01018

A Symposium to Honor Four Long-Time Contributors to the *Journal of Natural Products*

Nadja B. Cech, Melany Puglisi-Weening, and A. Douglas Kinghorn*

Full Articles

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DOI: 10.1021/acs.jnatprod.8b00380

Absolute Configuration of Alkaloids from *Uncaria longiflora* through Experimental and Computational Approaches

Fatimah Salim,* Yusri Mohd Yunus, El Hassane Anouar, Khalijah Awang, Moses Langat, Geoffrey A. Cordell, and Rohaya Ahmad

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DOI: 10.1021/acs.jnatprod.9b00208

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DOI: 10.1021/acs.jnatprod.9b00210

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DOI: 10.1021/acs.jnatprod.9b00283

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DOI: 10.1021/acs.jnatprod.9b00302



DOI: 10.1021/acs.jnatprod.9b00336

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DOI: 10.1021/acs.jnatprod.9b00418

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DOI: 10.1021/acs.jnatprod.9b00512

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DOI: 10.1021/acs.jnatprod.9b00520

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DOI: 10.1021/acs.jnatprod.9b00523

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DOI: 10.1021/acs.jnatprod.9b00527

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DOI: 10.1021/acs.jnatprod.9b00567

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DOI: 10.1021/acs.jnatprod.9b00648

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DOI: 10.1021/acs.jnatprod.9b00701

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DOI: 10.1021/acs.jnatprod.9b00760

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DOI: 10.1021/acs.jnatprod.9b00506

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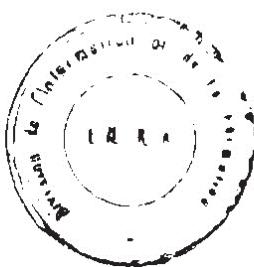
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On the cover: Comparison of vascular anatomy of B73 (susceptible) and R1 (resistant) host leaves shows no structural changes that would explain the inability of *Pantoea stewartii* bacteria to spread through the vasculature of R1 plants as they do in B73. For the article by Doblas-Ibáñez et al., see 1581. Photo credit: Paula Doblas-Ibáñez.

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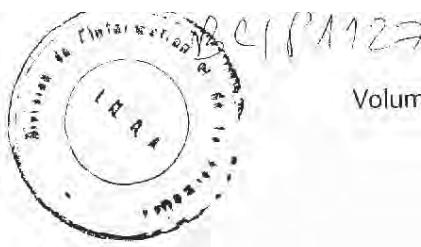
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Imprint

Rural 21 –
The International Journal for Rural Development

Published by:
DLG-Verlag GmbH
Frankfurt, Germany

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Cover photo:
João Luiz Bulcão/Polaris/laif

Design & Layout:
Andrea Trapani, DLG-Verlag

Editorial office, distribution, advertising:
DLG-Verlag GmbH
Eschborner Landstraße 122
60489 Frankfurt, Germany

Printed by:
Brühlsche Universitätsdruckerei GmbH & Co KG
35396 Gießen, Germany

Rural 21 is published four times a year.
The subscription rate is EUR 33.- (Germany), EUR 37.- (EU countries), EUR 51.- (non-EU countries) and EUR 8.30 per issue, plus postage.
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Klimaneutral
Druckprodukt
ClimatePartner.com/11599-1910-1001