



المعهد الوطني للبحث الزراعي  
Institut National de la Recherche Agronomique

# Bulletin des Sommaires



## Octobre 2012



## 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 :

- Le titre du périodique ;
- Le volume et le numéro du périodique ;
- La cote de rangement du périodique ;
- Le titre de l'article et la page où est située l'article ;
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Ex : bulletin des sommaires du mois de .....)

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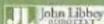
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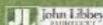
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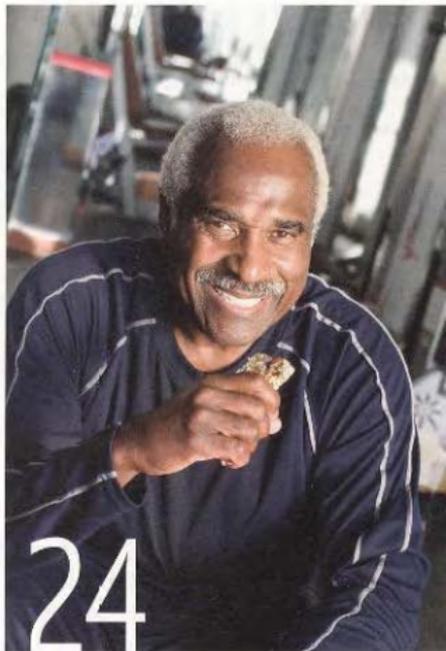
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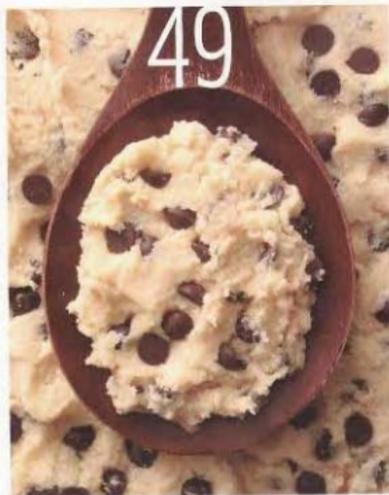
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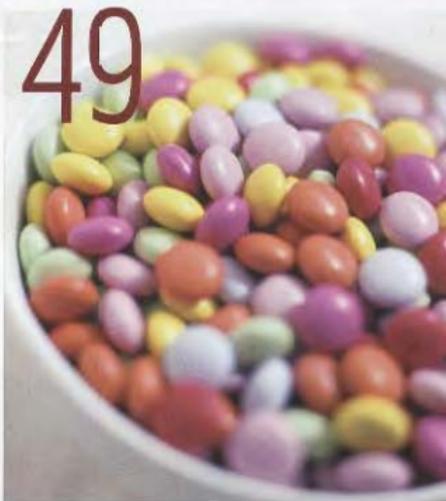
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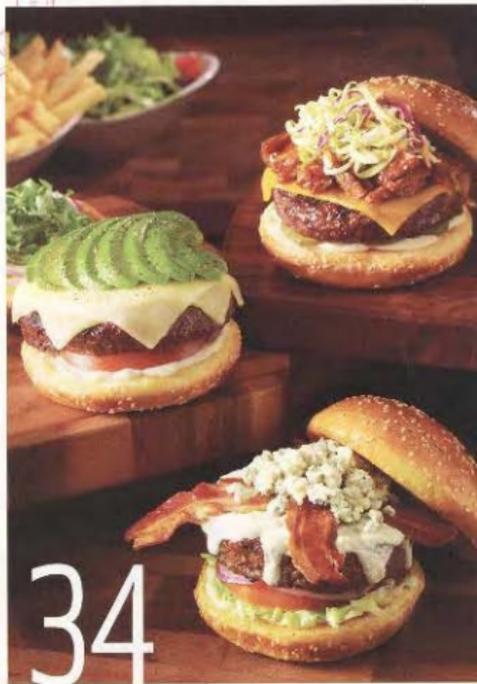
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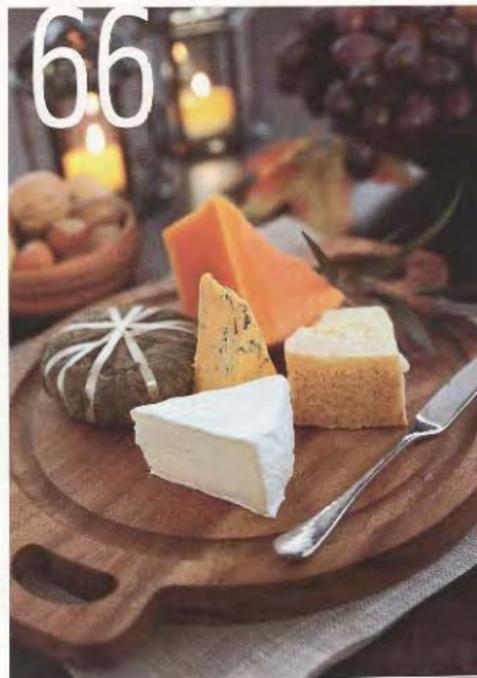


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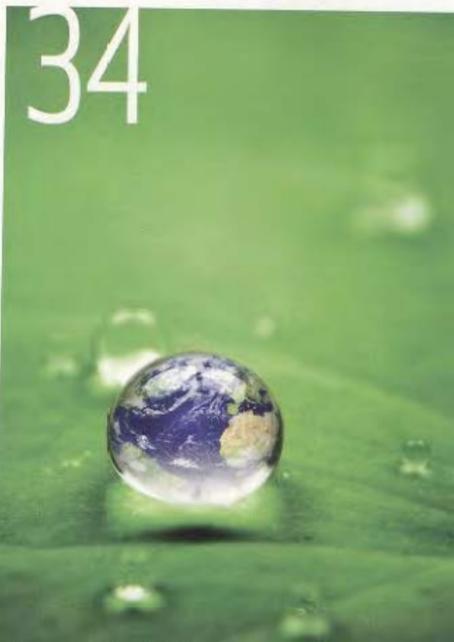
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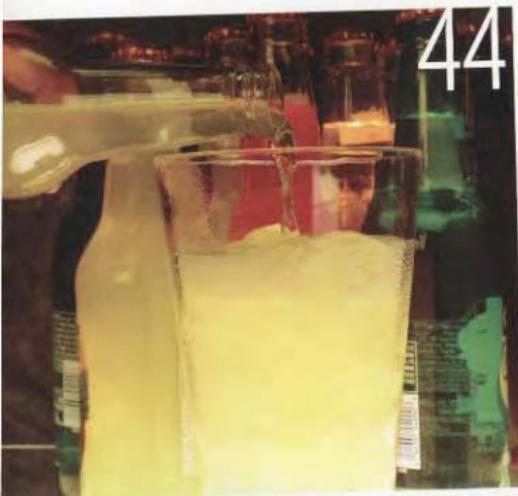
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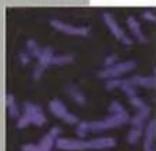
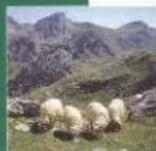
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**ON THE COVER:** Nature has played a dominant role in anticancer drug discovery and development, and over 70% of the anticancer drugs currently available may be classified as natural-product inspired (Newman, D. J.; Cragg, G. M. *J. Nat. Prod.* 2007, 70, 461–477). The cover illustration shows four organisms that exemplify this crucial role of Nature. In the background is the bark of *Taxus bresifolia*, first collected in 1962 and the source of the flagship drug Taxol (structure lower right), for which the development over three decades was dependent on the commitment of staff of the NCI Natural Products Branch (NPB). The fungus, *Penicillium wortmanii* (upper left), produces wortmannin (structure upper left), which, with support from NPB staff, has been advanced to phase II clinical trials as its diallylamine analogue, PX-866, by the company Oncothyreon. International collaboration has always been a vital factor and is illustrated by the anthracyclines daunorubicin (R = H) and the clinical agent doxorubicin (R = OH) (structure upper right), first isolated from the bacterium *Streptomyces peucetius* (upper right) in the early 1960s by Arcamone et al. at Farmitalia, and by the nudibranch *Jorunna funebris* (lower center), the source of jorunmycin (structure lower left), model for the drug Zalypsis, which is being developed by the Spanish company PharmaMar and currently is in phase II clinical trials.

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**ON THE COVER:** Nature has played a dominant role in anticancer drug discovery and development, and over 70% of the anticancer drugs currently available may be classified as natural-product inspired (Newman, D. J.; Cragg, G. M. *J. Nat. Prod.* **2007**, *70*, 461–477). The cover illustration shows four organisms that exemplify this crucial role of Nature. In the background is the bark of *Taxus brevifolia*, first collected in 1962 and the source of the flagship drug Taxol (structure lower right), for which the development over three decades was dependent on the commitment of staff of the NCI Natural Products Branch (NPB). The fungus, *Penicillium wortmannii* (upper left), produces wortmannin (structure upper left), which, with support from NPB staff, has been advanced to phase II clinical trials as its diallylamine analogae, PX-866, by the company Oncothyeon. International collaboration has always been a vital factor and is illustrated by the anthracyclines daunorubicin (R = H) and the clinical agent doxorubicin (R = OH) (structure upper right), first isolated from the bacterium *Streptomyces peucetius* (upper right) in the early 1960s by Arcamone et al. at Farmitalia, and by the nudibranch *Jorunna funebris* (lower center), the source of joramyacin (structure lower left), model for the drug Zalypsis, which is being developed by the Spanish company PharmaMar and currently is in phase II clinical trials.

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**ON THE COVER:** Nature has played a dominant role in anticancer drug discovery and development, and over 70% of the anticancer drugs currently available may be classified as natural-product inspired (Newman, D. J.; Cragg, G. M. *J. Nat. Prod.* 2007, 70, 461–477). The cover illustration shows four organisms that exemplify this crucial role of Nature. In the background is the bark of *Taxus brevifolia*, first collected in 1962 and the source of the flagship drug Taxol (structure lower right), for which the development over three decades was dependent on the commitment of staff of the NCI Natural Products Branch (NPB). The fungus, *Penicillium wortmanii* (upper left), produces wortmannin (structure upper left), which, with support from NPB staff, has been advanced to phase II clinical trials as its diallylamine analogue, PX-866, by the company Oncothreon. International collaboration has always been a vital factor and is illustrated by the anthracyclines daunorubicin (R = H) and the clinical agent doxorubicin (R = OH) (structure upper right), first isolated from the bacterium *Streptomyces peucetius* (upper right) in the early 1960s by Arcamone et al. at Farmitalia, and by the nudibranch *Jorunna funebris* (lower center), the source of jorunpicin (structure lower left), model for the drug Zalypsis, which is being developed by the Spanish company PharmaMar and currently is in phase II clinical trials.

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