



toxins

IMPACT
FACTOR
4.0

Indexed in:
PubMed

CITESCORE
8.2

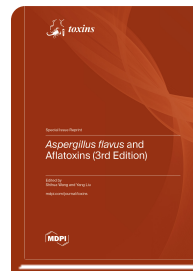
Special Issue Reprint

***Aspergillus flavus* and Aflatoxins (3rd Edition)**

www.mdpi.com/books/reprint/11489

Edited by
Shihua Wang
Yang Liu

ISBN 978-3-7258-5097-6 (Hardback)
ISBN 978-3-7258-5098-3 (PDF)



Aspergillus flavus and its carcinogenic secondary metabolites, aflatoxins, not only cause serious economic losses but also threaten human and animal health. This Special Issue focuses on recent research progress related to *Aspergillus flavus* and aflatoxins. Of the included papers, three reviews cover the effects of AFB1 on intestinal microbiota and the intestinal health of monogastric animals, the decontamination of *Aspergillus* spp. and aflatoxin with atmospheric cold plasma, and aflatoxin residues in chicken products. Herein, it is reported that the chitin deacetylase homologous gene *cda* impacts development and aflatoxin synthesis in *A. flavus*. Two included papers highlight methods employed for aflatoxin determination. This Special Issue not only includes methods for the control of aflatoxins but also several aflatoxin detoxifying methods. A particular focus is placed on the mechanistic effects of aflatoxins on the host. Fundamental and applied research on *A. flavus* and aflatoxins is not only of particular interest but also crucial for reducing economic losses.



Order Your Print Copy
You can order print copies at
www.mdpi.com/books/reprint/11489

MDPI Books offers quality open access book publishing to promote the exchange of ideas and knowledge in a globalized world. MDPI Books encompasses all the benefits of open access – high availability and visibility, as well as wide and rapid dissemination. With MDPI Books, you can complement the digital version of your work with a high quality printed counterpart.



Open Access

Your scholarly work is accessible worldwide without any restrictions. All authors retain the copyright for their work distributed under the terms of the Creative Commons Attribution License.



Author Focus

Authors and editors profit from MDPI's over two decades of experience in open access publishing, our customized personal support throughout the entire publication process, and competitive processing charges as well as unique contributor discounts on book purchases.



High Quality & Rapid Publication

MDPI ensures a thorough review for all published items and provides a fast publication procedure. State-of-the-art research and time-sensitive topics are released with a minimum amount of delay.



High Visibility

Due to our global network and well-known channel partners, we ensure maximum visibility and broad dissemination. Title information of books is sent to international indexing databases and archives, such as the Directory of Open Access Books (DOAB), and the Verzeichnis Lieferbarer Bücher (VLB).



Print on Demand and Multiple Formats

MDPI Books are available for purchase and to read online at any time. Our print-on-demand service offers a sustainable, cost-effective and fast way to publish MDPI Books printed versions.