

特约专栏介绍

专栏致辞

安全高效熏蒸 助力节粮减损
Safe and Efficient Fumigation for Advancing Grain Conservation and Food Loss Reduction



安德鲁·迪克斯
校长兼理事会主席 / 教授
澳大利亚默多克大学
Professor Andrew Deeks
Vice Chancellor and President
Murdoch University, Australia

Murdoch University was established in 1973 and is located in Perth, Western Australia, Australia. The school covers an area of 227 hectares. Australia's characteristic plants decorate the campus particularly beautifully. It is a comprehensive research university with a full range of categories and a total of 24,000 students. It has branch campuses in Dubai, Singapore and Malaysia. 81% of Murdoch University's teachers have doctorates.

It enjoys a high reputation in the world for its leading teaching and scientific research work. Murdoch University is also an institution that has received five-star graduation satisfaction for five consecutive years, which is unmatched by other Australian universities. The fields covered by the courses are: trade, information technology, political science and international studies, engineering, environmental science, mathematics and physical

science, social science, anthropology, education, media studies, communication studies, psychology, science and technology, veterinary sciences, biomedical sciences, food nutrition and health, asian studies, sustainable development, etc.

Through the platform of the journal of *Science and Technology of Cereals, Oils and Foods*, I welcome students and scholars in China's grain and oil industry to come to Murdoch University for study, visit, research collaboration, exchange of knowledge and "Building a Bright Future, Together".



Professor Andrew Deeks
Vice Chancellor and President
Murdoch University, Australia

【致辞译文】

澳大利亚默多克大学始建于 1973 年，主校区位于澳大利亚西澳大利亚州首府珀斯，学校占地 227 公顷，澳大利亚的特色植物将校园点缀得格外漂亮，是一所门类齐全的综合研究型大学，共有 2.4 万名在校学生。在迪拜、新加坡和马来西亚设有分校，81% 的教师拥有博士学位。

它以一流的教学和科研工作在上享有较高的知名度。默多克大学还是唯一一所连续五年获得五星级毕业满意度的院校，这是澳大利亚其它大学所无法比拟的。课程涉及的领域有：贸易、信息技术、政治学和国际研究、工程学、环境

科学、数学和物理科学、社会科学、人类学、教育学、媒体研究、通讯研究、心理学、科学和技术、兽医科学、生物医学科学、食品营养与健康，亚洲研究、可持续发展等。

通过《粮油食品科技》期刊这个平台，我欢迎中国粮油行业的学生和学者来默多克大学学习、访问、交流知识和研究合作，并共创美好未来。



安德鲁·迪克斯
校长兼理事会主席 / 教授
澳大利亚默多克大学

专栏致辞



西蒙·麦科迪
 常务副校长（负责全球参与事务）/ 教授
 澳大利亚默多克大学

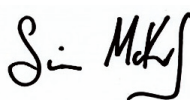
Professor Simon McKirdy
 Deputy Vice Chancellor of Global Engagement
 Murdoch University, Australia

Secure food supplies are an urgent global issue due to rapidly growing populations, degraded farmland, increased natural disaster events (damaging winds, droughts, floods, rising sea levels, fires, etc.) due to global climate change, and biosecurity threats. Cereals, oilseeds, pulses and their finished products or by-products are not always consumed immediately after harvesting or processing. Most crops are harvested seasonally and demand is year-round. The huge time gap between harvesting and utilization is only will exacerbate supply difficulties. Therefore, short- and long-term storage is required after harvest.

It can be said with certainty that the effectiveness of storage methods determines the quality of grain and is related to the successful development of human agriculture. Therefore, without stored food, the evolution of civilization would be impossible. Murdoch University is a world leader in plant biosecurity and

food safety. Our research and training also focus on post-harvest technical food processing, nutrition, safety and health, storage and pest management.

The journal of *Science and Technology of Cereals, Oils and Foods* provides a good communication and discussion channel for Chinese and foreign experts and scholars to cope with the unprecedented challenges to global food security faced by the world in the post-epidemic era and climate change. We hope that Murdoch University and *Science and Technology of Cereals, Oils and Foods* will cooperate for “Building a Bright Future, Together!”



Professor Simon McKirdy
 Deputy Vice Chancellor of Global Engagement
 Murdoch University, Australia

【致辞译文】

由于人口迅速增长、农田退化、全球气候变化导致自然灾害事件频发（破坏性大风、干旱、洪水、海平面上升、火灾等）以及生物安全威胁，保障粮食供应是一个紧迫的全球问题。大多数作物是季节性收获，而需求则是全年性的，谷物、油料、豆类及其成品或副产品并非总是在收获或加工后立即消费，收获和利用之间的巨大时间差只会加剧供应难度，所以收获后需要进行短期或长期储存。

坦言之，储存方法的有效性决定了食物质量，关系到人类农业的成功发展。如果没有食品储存，人类文明的发展将无从谈起。默多克大学在植物生物安全和食品安全领域处于

世界领先地位。我们的研究和培训侧重于收获后食品加工、营养、安全与健康、储存和有害生物管理。

《粮油食品科技》为中外专家学者应对世界后疫情时代和气候变化所面临的巨大挑战提供了良好的沟通交流平台。我希望默多克大学与《粮油食品科技》将为“共创美好未来”而合作！



西蒙·麦科迪
 常务副校长（负责全球参与事务）/ 教授
 澳大利亚默多克大学