



ジョイントディグリープログラム WEBINAR SERIES

2026年4月16日(木)

16:00 日本

14:00 タイ / 15:00 パース



高橋 宏和 准教授

名古屋大学 生命農学研究科

How do soybeans maintain internal aeration in aerenchymatous phellem during soil flooding?

Soybean is one of the major upland crops in Japan, but it is often grown in fields converted from paddy fields. Consequently, soybean plants are frequently exposed to soil flooding. Although soybean is generally sensitive to soil flooding, it possesses an adaptive trait known as aerenchymatous phellem, which plays an important role in internal aeration under flooded-soil conditions. To improve flooding tolerance in soybean, it is essential to utilize the function of aerenchymatous phellem; however, this tissue remains poorly understood. Recently, we discovered that triterpenoids, a class of plant secondary metabolites composed of 30 carbon atoms, are involved in this adaptation. In this study, we introduce how triterpenoids contribute to internal aeration in soybean aerenchymatous phellem.

プログラム

16:00 講演

17:00 ジョイントディグリープログラムの
紹介、相談(日本語/英語)

参加登録



フォームからご登録いただくと
Zoomリンクをお送りします。

<https://forms.gle/wpbhg9Np3gtWTJpb6>

学生・教職員・研究員の方はどなたでもご参加いただけます。

ジョイントディグリープログラムについて

名古屋大学大学院生命農学研究科が設置する国際連携生命農学専攻は、本学と連携大学（カセサート大学または西オーストラリア大学）が共同で起草した履修内容を、両大学の教員が指導し、共同で単一の学位を授与する博士後期課程のジョイントディグリープログラムです。本専攻の学生は期間中に連携大学に一定期間滞在し、共同研究や文化的交流などを実施、体験します。



https://www.agr.nagoya-u.ac.jp/international-exchange/ku-jdp_new.html



https://www.agr.nagoya-u.ac.jp/international-exchange/uwa-jdp_new.html



Joint Degree Program

WEBINAR SERIES

Date: April 16, 2026

Time: 16:00 (JST)

Thailand 14:00 / Perth 15:00



Dr. Hirokazu Takahashi

Associate Professor

Graduate School of Bioagricultural Sciences

Nagoya University

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Program

16:00 Research Talk

17:00 Information Session on
the Joint PhD program

Registration



via the form,
to receive the Zoom link.
<https://forms.gle/wpbhg9Np3gtWTJpb6>

Open to all — students, faculty, and researchers welcome!

About the Joint PhD Program

The Graduate School of Bioagricultural Sciences at Nagoya University offers two Joint PhD Programs with partner universities: Kasetsart University or The University of Western Australia. Students earn a single PhD degree jointly awarded by Nagoya University and the partner university, with opportunities for joint research collaboration and cultural exchange.

