

# セミナーのご案内

## テーマ「Agricultural Challenges in Bangladesh: Present Condition and Future Perspectives」



講師:

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&

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場所: 植物工場研究センター(中百舌鳥キャンパスC21棟)  
2階実習室A・B

日時: 2024年12月12日(木) 15:00 – 16:00

### 講演内容 (概要)

Bangladesh is the world's eighth most densely populated country, and its economy draws its main strength from the agriculture sector. Several abiotic and biotic stresses frequently affect the country's crop production, like floods, drought, salinity, pests, and diseases. Among the stresses, drought, and salinity are of great concern in nearly 40% of the cultivable land, causing 50% yield loss. Tropism is a response of plant roots to prevent water deficiency and high salt concentration in soil. We are trying to identify key genes involved in hydro and halo-stimulation in Arabidopsis in response to stress conditions, so that researchers can use cutting-edge breeding approaches to modify those candidate genes in economically important food crops to develop climate-resilient crop varieties in Bangladesh as well as in the world.

司 会: 北宅善昭 (大阪公立大学 植物工場研究センター長)

問い合わせ: 植物工場研究センターホームページ (右記のQRコード) より



なお、講演は英語で行いますが、適宜、和訳を交える予定です。近年、成長著しいバングラディッシュにおいて、人口約1.7億人を支える農業の現状を理解する良い機会ですので、皆様奮ってご参加ください。事前申し込みは不要です。