



Non-destructive optical sensing of agricultural products and foods for advanced precision agriculture
超精密農業の実現に向けた農作物や食品の非破壊光センシング

【Keywords】

Non-destructive	Spectroscopy	Imaging	Crop & vegetables	Foods
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■ Summary

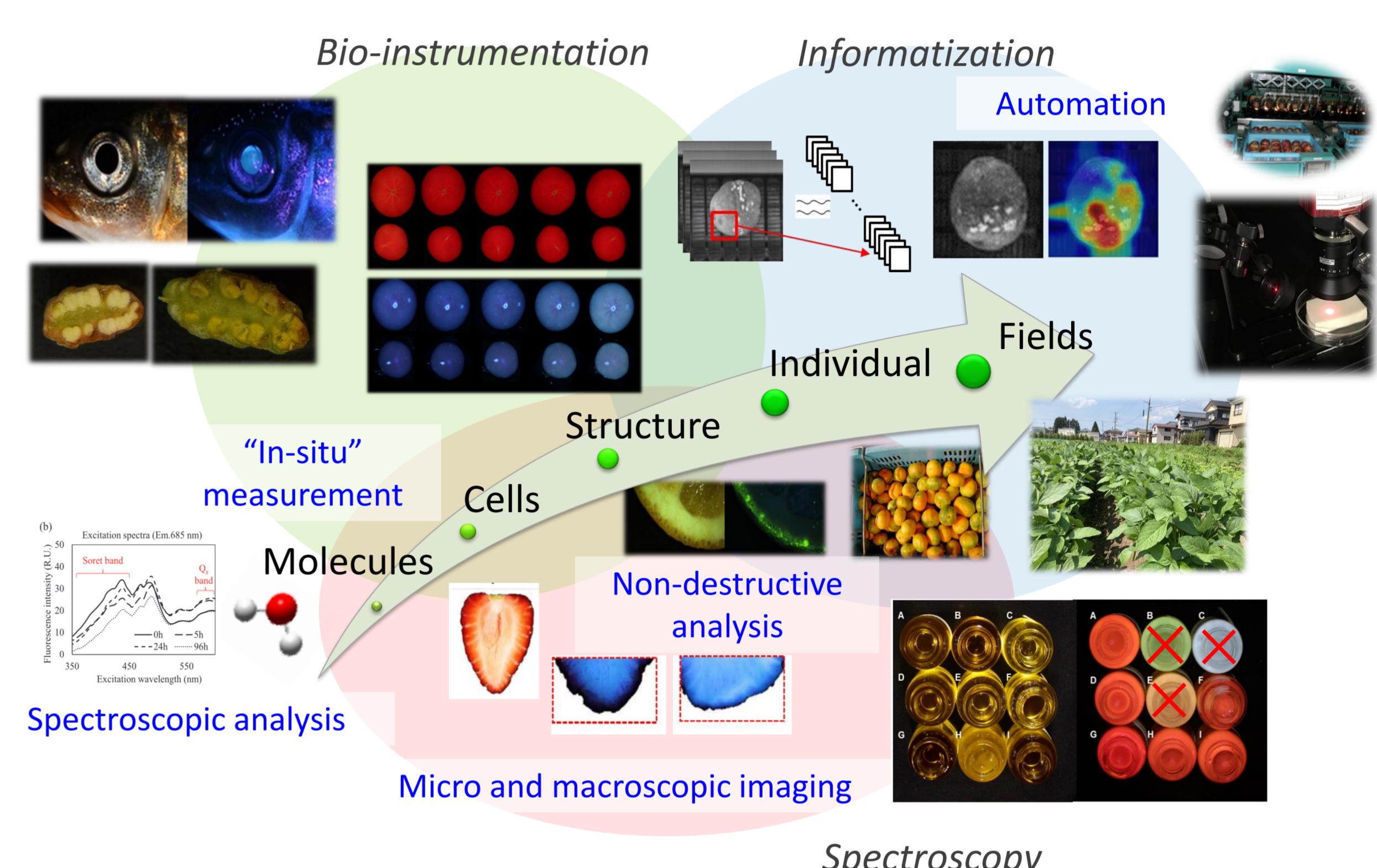
*Food production ↔ environmental conservation

*“Extensive” precision agriculture is required



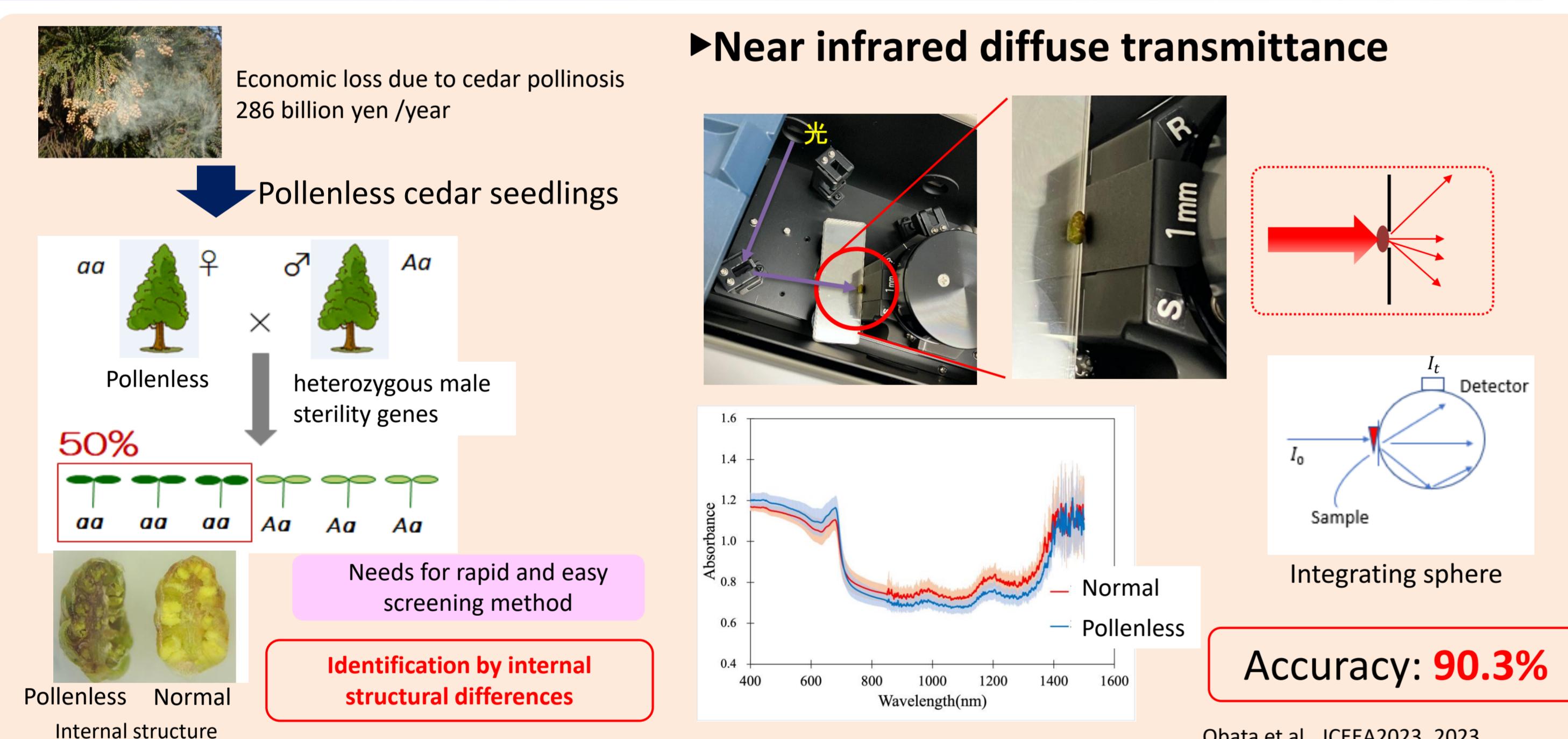
Objective in our laboratory:

Nondestructive evaluation by optical methods
(plants, fields, crop & vegetables, foods)

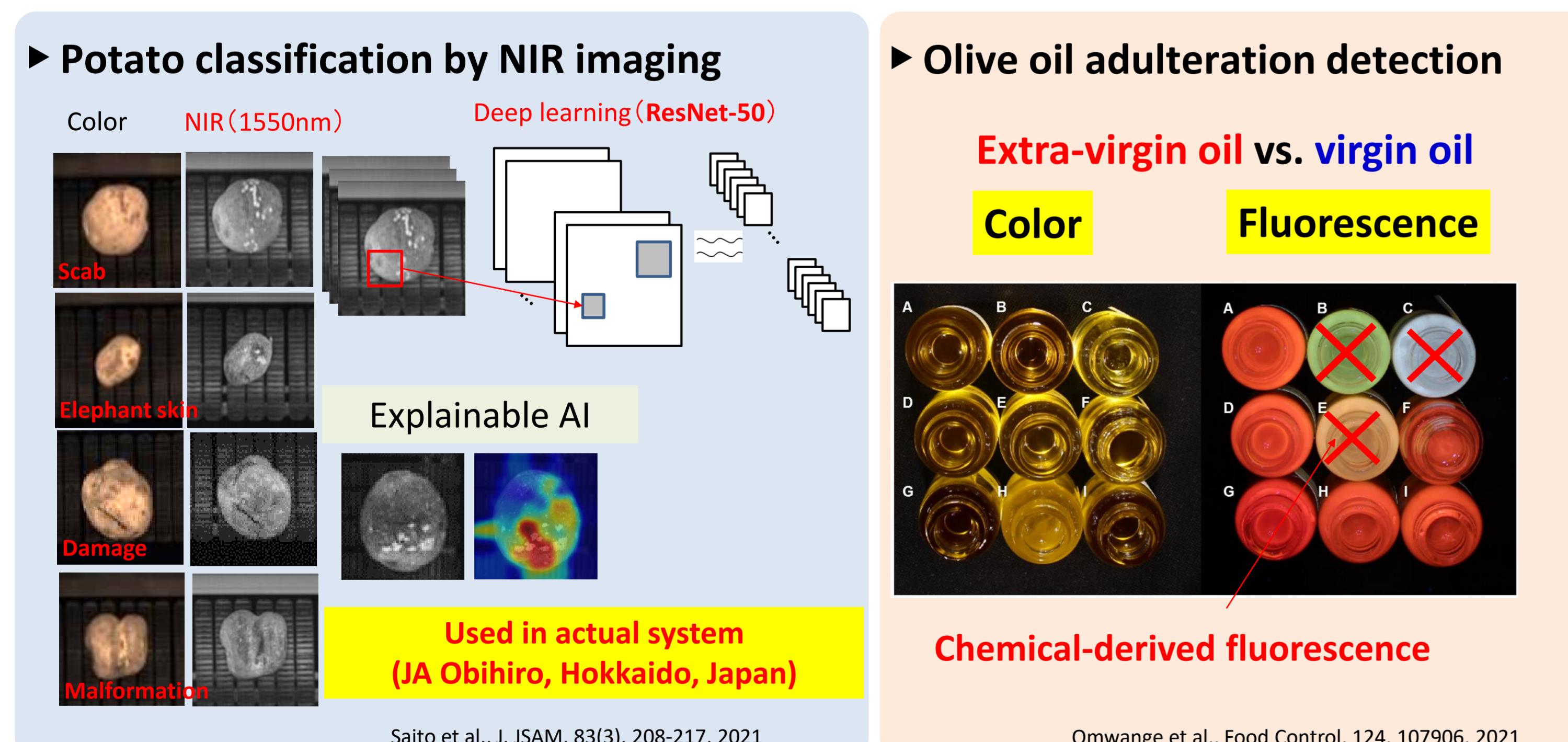


■ Subject Details/Topic

【Breeding】 Identification of pollenless cedar

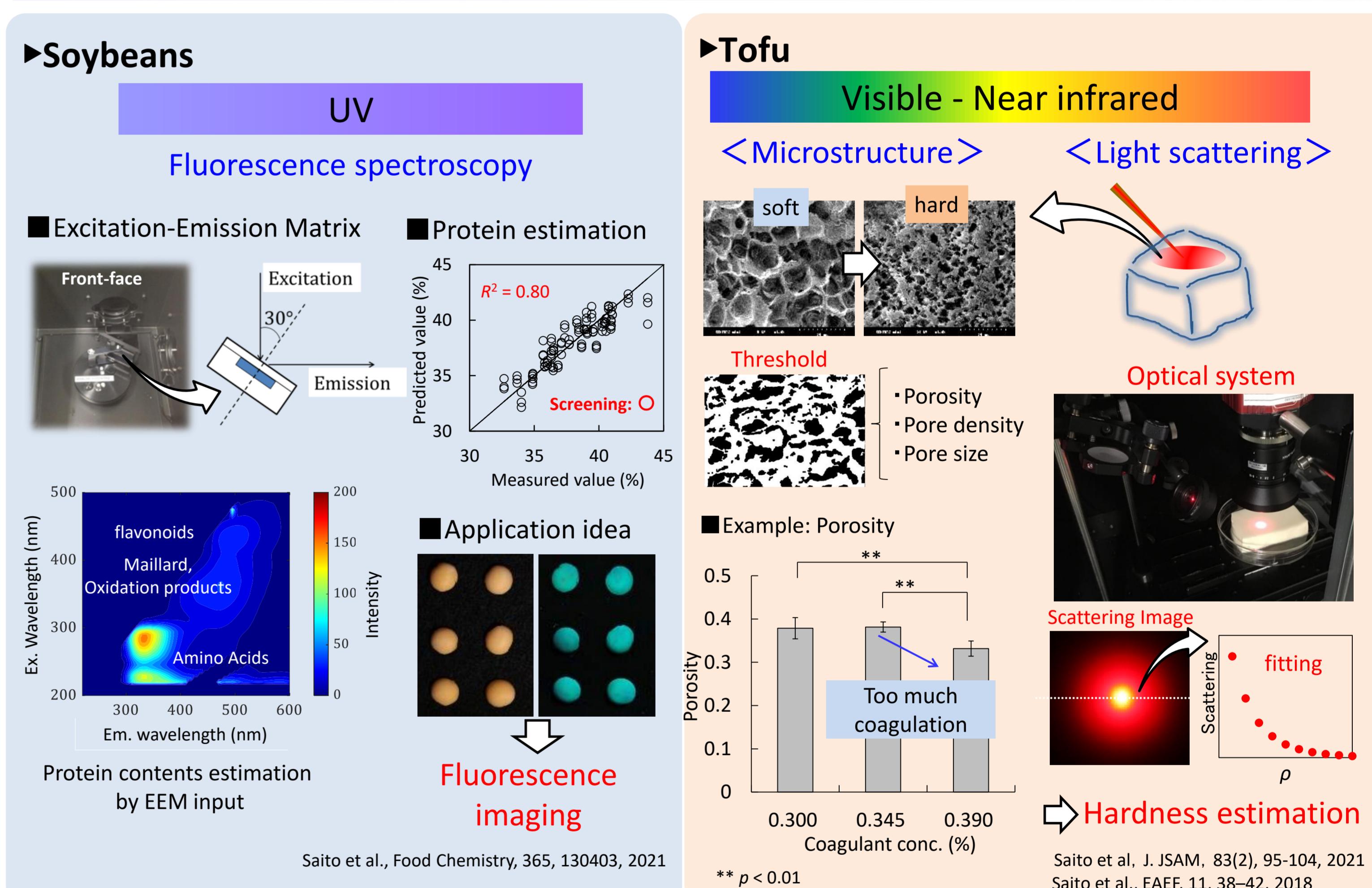


【Sorting】 Nondestructive detection

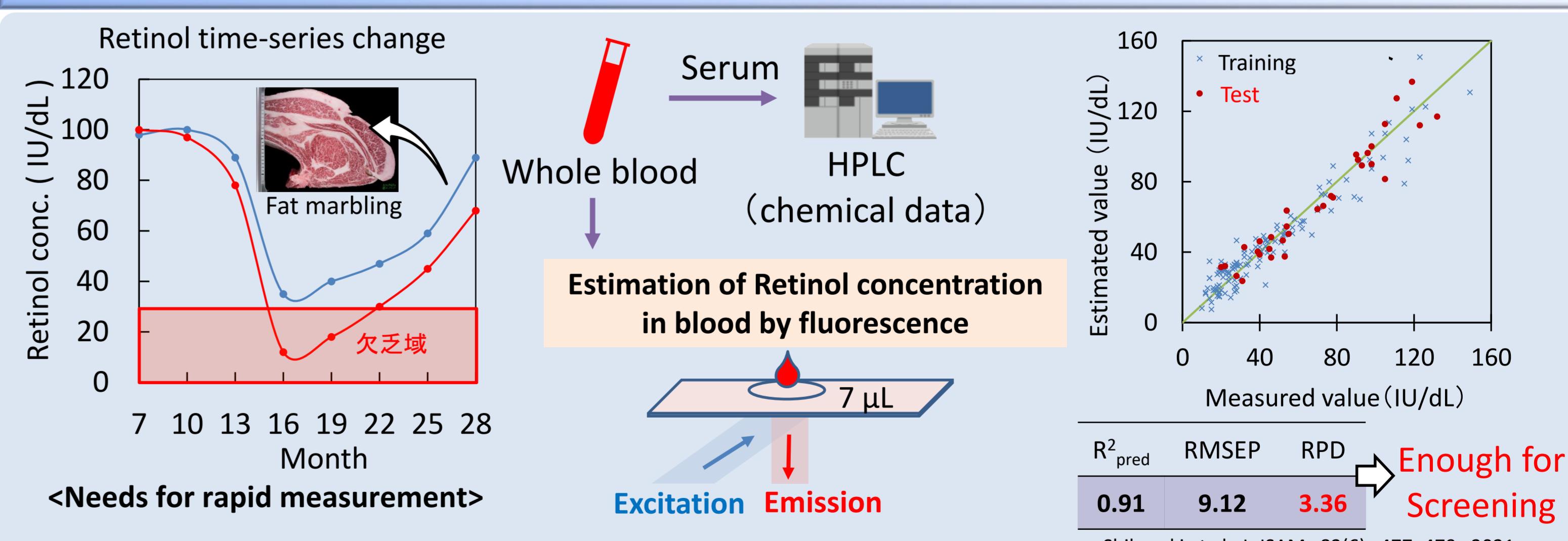


■ We hope to collaborate with...

【Evaluation】 Optical sensing for soybean and tofu



【Livestocks】 Vit.A estimation in whole blood



Nondestructive analysis, freshness or food processing monitoring, foreign matter detection

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