

Syahadana Putra Yuzansa

Current PhD student in Food Engineering and Biotechnology at The Free University of Bozen-Bolzano. Master's degree graduate in Food Safety and Quality Engineering from the University of Debrecen, Hungary. Bachelor's degree of Chemical Engineering from Institut Teknologi Sepuluh Nopember Surabaya, Indonesia. Experience of 2 years in the food industry. Skilled in research and development, food microbiology, and food safety.

WORK EXPERIENCE

University of Debrecen, Central Laboratory of Food and Agricultural Products • 07/2023 - 06/2024

Research Student • Debrecen, Hungary

- Conducting media preparation, determination of microcomponents, and sample preparation
- Determination of secondary metabolites from mycotoxin-producing isolates of *Aspergillus* with data obtained from GC/MS spectrum.
- Analyzing phenyl ethanol's effects on the growth of toxin-producing *Aspergillus*
- HPLC sample preparation of zearalenone toxin analysis using an immunoaffinity column

Thesis Title:

- “Esterase Activity of Various Strains of *Lactiplantibacillus* and *Loigolactobacillus* Genera for Zearalenone Degradation “

PT. Indramukti Segara • Full-time • 12/2020 - 07/2022

Laboratory Analyst • Sidoarjo, Indonesia

- Formulating standards for raw material qualifying according to International and Indonesian standards
- Controlling the quality of raw materials using methods based on International and Indonesian standards (Titration, Water Content Analysis, microbiological analysis)
- Planning and conducting tests of finished products based on Indonesian standards (Shelf-Life Analysis, Quality Check)
- Cooperating with the production unit and giving recommendations on processing technologies

EDUCATIONS

PhD in Food Engineering and Biotechnology

Free University of Bozen-Bolzano

Bolzano, Italy

11/2024 - Present

Bachelors in Chemical Engineering

Institut Teknologi Sepuluh

Nopember

Surabaya, Indonesia

09/2016 - 09/2020

Masters in Food Safety and Quality Engineering

University of Debrecen

Debrecen, Hungary

09/2022 - 06/2024

CERTIFICATIONS

- ISO 9001 Foundation - Quality Certification - PT. Decra Group Indonesia
- ISO 14001:2018 - PT. Decra Group Indonesia
- ISO 22000 Foundation - Food Safety Certification - Tekno Sains Academy, Indonesia

SKILLS

- Food Safety
- Food Microbiology
- Quality Assurance
- Ms. Office
- R

CONFERENCES

- XXV. MÉTE National Scientific Student Conference - “Esterase Activity of Various Strains of *Lactiplantibacillus* and *Loigolactobacillus* Genera for Zearalenone Degradation”