

SELNIS PRASSISKA

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PROFILE

Motivated Biochemistry graduate from IPB University with hands-on experience in cosmetic formulation, early-stage product development, biochemical research, and microbiological testing. Currently working in the cosmetic manufacturing industry, contributing to prototype development, raw material evaluation, stability testing, and GMP-compliant documentation. Experienced in translating product briefs into technically feasible formulations and collaborating with cross-functional teams from development to production scale. Strong analytical mindset with solid laboratory skills, quality control awareness, and disciplined technical documentation in both academic and industrial settings.

EDUCATION

IPB University – Bogor, Indonesia **Aug 2020 – Feb 2025**
Bachelor's Degree in Biochemistry | GPA: 3.66/4.00

- **Thesis:** *Facial Serum Based on Apis cerana Honey Extract from West Java as an Anti-Acne Preparation* (collaboration with BRIN – National Research and Innovation Agency)
- **Relevant Courses:** *Basic Properties of Biomaterials, Biochemistry of Natural Compounds, Food Microbiology, Management and Consumer Behavior*

PROFESSIONAL EXPERIENCE

Research & Development Staff **Aug 2025 – Present**
PT Skinberries Group Industri

- Developed and refined prototype formulations for skincare, bodycare, and fragrance products based on marketing briefs and technical feasibility.
- Conducted raw material evaluation and compatibility screening to ensure product performance and cost alignment; proficient in cosmetic formulation concepts and INCI nomenclature.
- Performed stability testing (pH, viscosity, organoleptic assessment) and analyzed results to support product quality and shelf-life estimation.
- Adjusted formulations to optimize texture, stability, and overall functionality.
- Prepared and maintained formulation documentation in compliance with CPKB/GMP and BPOM standards.
- Supported laboratory-to-production scale transfer in collaboration with Production and QA/QC teams.
- Monitored ingredient trends and evaluated new actives for product development initiatives.

Laboratory Assistant **Feb 2024 – Jun 2024**
Department of Biochemistry, IPB University

- Assisted practical laboratory sessions for 60+ students in **Biochemical Analysis** and **General Chemistry** courses, including spectrophotometry and titration techniques.
- Prepared experimental materials; reagents and maintained laboratory compliance with SOP and biosafety standards.
- Guided students in scientific concepts, analytical methods, and experimental troubleshooting.

Intern – Research & Product Development **Jun 2022 – Jul 2022**
PT Biomagg Sinergi Internasional

- Participated in a sustainability-focused research project on **organic waste bioconversion** using *Hermetia illucens* (Black Soldier Fly) larvae, contributing to Indonesia's circular economy initiatives.
- Conducted growth performance evaluation and monitored environmental parameters in pilot-scale production.
- Assisted in downstream product development including feed and fertilizer derivatives.
- Gained practical exposure to sustainable biotechnology, insect farming, and research methodology.

ORGANIZATIONAL & VOLUNTEER EXPERIENCE

Head of Public Relations Division **Mar 2022 – Sep 2022**
Biochemistry Champion League, IPB University

- Led communication strategy and external partnerships for faculty-level scientific competitions and campaigns.
- Managed stakeholder engagement, official correspondence, and promotional materials to enhance event visibility and participation.

Secretary – Crebs on Action Division

Oct 2021 – Oct 2022

Faculty Community Empowerment Program, IPB University

- Managed all administrative functions, including activity planning, proposal writing, meeting documentation, and budgeting for community outreach programs.
- Participated in rural mentoring and sustainability workshops in Cihideung Ilir Village, coordinated field activities in collaboration with multidisciplinary teams.

Health Volunteer – Saka Bakti Husada (Scout Health Division)

Jul 2021 – Jul 2022

- Assisted medical teams with community health screenings and distributed health supplies during public health events.
- Supported first aid response and emergency preparedness activities.

Secretary – Edelweis Inspirational Teaching Program

Jul 2021 – Aug 2021

Teaching Volunteer, IPB University

- Drafted teaching proposals, scheduled learning modules, and coordinated logistics for volunteer deployment to **SDN Ciheleut**.
- Delivered lessons in basic science, mathematics, and literacy to elementary students, adapting content for both in-person and remote learning formats.

Head of Media Division

Jul 2021 – Jul 2023

Ciracas Scout Working Council (Dewan Kerja Ranting)

- Led district-level media and communication strategy for large-scale scout events and community programs, including jamborees, workshops, and commemorative events.
- Coordinated cross-divisional collaboration, contributing to planning and execution beyond media responsibilities.
- Managed public relations, visual branding, and stakeholder communication across multiple district events.

CERTIFICATIONS

- Halal Product Assurance System in Food Industry (SJPH)
- ISO 22000:2018 – Food Safety Management System
- Hazard Analysis and Critical Control Point (HACCP)
- FSSC 22000 version 6.0 (Food Safety System Certification)
- ISO 22716:2007 – Good Manufacturing Practices for Cosmetics Industry
- Good Manufacturing Practices (GMP)

ACHIEVEMENTS

Finalist (Funded) – PIMNAS (National Student Scientific Week)

May 2022 – Dec 2022

- Collaborated in a team of 4 members on a competitive research project titled “Production of Glucosamine Pro-Vegetarian from Corn Waste Using *Rhizopus oryzae*”; contributed to **chitosan extraction, FTIR analysis**, scientific writing and national-level scientific presentation.

KEY SKILLS

HARD SKILL	LANGUAGES
- Cosmetic Formulation & Prototype Development - Stability Testing & Shelf-Life Evaluation - Raw Material Evaluation & INCI Interpretation - Laboratory Techniques (FTIR, titration, microbial assay, spectrophotometry) - Scientific Data Analysis (GraphPad Prism, SPSS) - Microsoft Office and Basic Editing	- Indonesian (Fluent) - English (Professional Working Proficiency)
	SOFT SKILL
	- Scientific Writing & Technical Documentation - Communication & Team Collaboration - Problem Solving & Analytical Thinking