

Yasmin DeRowe

Content Writer & Editor

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EDUCATION

Ph.D. Candidate, Plant Pathology and Microbiology

Robert H. Smith Faculty of Agriculture, Food and Environment, The Hebrew University of Jerusalem |
Start: 07/2025

Research title: “Fermentation-based valorization of agricultural side-streams for sustainable dairy analogues”

M.Sc., Biotechnology

The George S. Wise Faculty of Life Sciences, Tel Aviv University | 2025

- Thesis title: “Excess feeding of phenylalanine reveals a metabolic ‘Achilles Heel’ in wild-type yeast laboratory strains,” supervised by Prof. Ehud Gazit and advised by Dr. Dana Bar-Yosef Laor.
- Served as a lab instructor and teaching assistant for an undergraduate genetics lab course.

B.Sc., Humanities & Life Sciences (“Amirim” Interdisciplinary Honors Program)

The Hebrew University of Jerusalem | 2017

PROFESSIONAL EXPERIENCE

Freelance Content Writer & Editor

Self-Employed | 2010–Present

- Providing high-quality writing, translation, and editing services for a variety of clients, including academic institutions, corporate entities, and individuals.
- Specializing in science communication, creating content for websites, marketing campaigns, and technical reports.
- Developing content-guided UX by collaborating with designers, sketching wireframes, and ensuring seamless user experiences.
- Tailoring complex concepts to diverse audiences, ensuring clarity, engagement, and precision.

Patent Attorney Trainee

Cohn, de Vries, Stadler & Co. | 2022–2023

- Assisted in patent drafting and prosecution across diverse fields, including biotechnology applications and medical devices.
- Conducted prior art searches, due diligence, and freedom-to-operate (FTO) analyses.
- Created and edited patent drawings to ensure technical clarity and compliance with IP standards.
- Supported the firm’s business development efforts by engaging with clients, contributing to strategic decisions, and preparing marketing materials and digital content to promote IP services.

Science Writer & Editor

The Weizmann Institute of Science | 2021–2022

- Authored and edited popular science articles in Hebrew and English to communicate complex research for a wide range of audiences.
- Managed content for the Institute’s English website, ensuring clarity, accuracy, and engagement.
- Created content for social media platforms, tailoring messages to suit diverse channels.
- Collaborated with researchers and communications teams to align content with institution.

Project Manager

Tel Aviv University | 2016–2017

- Oversaw the administrative and pedagogical aspects of the “Alpha” and “Idea” programs for excelling youth at Tel Aviv Youth University, with over 200 high school students participating.
- Organized and produced conferences, academic seminars, and extracurricular activities.
- Collaborated with students, academic instructors, researchers, teachers, and parents to provide comprehensive support for participants.

Instructor & Content Developer

The Hebrew University of Jerusalem | 2014–2016

- Designed and delivered science education programs at the Joseph Meyerhoff Youth Center for Advanced Studies (YCAS).
- Taught and guided children and adolescents in various scientific disciplines, fostering critical thinking and curiosity.
- Collaborated on science education projects with special-needs communities in Jerusalem and surrounding areas.
- Performed this role alongside full-time undergraduate studies.

Executive Assistant to the Defense Attaché

Embassy of Israel, The Hague | 2009–2012

- Facilitated defense diplomacy with NATO and Benelux states through coordination, content development, and liaison work.
- Managed executive communications, including bilingual writing, editing, and translation of official texts and presentations.
- Organized formal events and delegations; oversaw budgeting and aided bereaved families abroad.

SKILLS

- **Research:** Molecular biology techniques (e.g., PCR, gel electrophoresis), genetic manipulation in yeast, yeast and bacterial culturing, high-throughput screening methods, qualitative and quantitative data analysis, critical thinking, interdisciplinary research.
- **Professional:** Analytical reasoning, technical writing and editing, project coordination, communication, problem-solving, presentation skills.
- **Tools & Technology:** Proficient in Microsoft Office, Figma, social media applications and productivity platforms (Monday, Trello).
- **Languages:** Native Hebrew and English (bilingual proficiency).

AWARDS

- “Amirim” Interdisciplinary Honors Program scholarship | 2012–2015

PUBLICATIONS

1. Levkovich, S. A., Lahav, M., Kaplan, K., Gartner, M., Sogolovsky-Bard, I., Adsi, H., **DeRowe, Y.**, Tsamnik-Chor, M., Brandis, A., Vendruscolo, M., Gazit, E., & Laor Bar-Yosef, D. The Metabolostasis System Regulates the Aggregation and Toxicity of Essential Metabolites. (*Under preparation*)
2. Kaplan, K., Levkovich, S. A., **DeRowe, Y.**, Gazit, E., & Laor Bar-Yosef, D. (2024). Mind your marker: The effect of common auxotrophic markers on complex traits in yeast. *FEBS Journal*, 291(10), 2209–2220. <https://doi.org/10.1111/febs.17095>
3. Rencus-Lazar, S., **DeRowe, Y.**, Adsi, H., Gazit, E., & Laor, D. (2019). Yeast models for the study of amyloid-associated disorders and development of future therapy. *Frontiers in Molecular Biosciences*, 6, 15. <https://doi.org/10.3389/fmolsb.2019.00015>