

## Project Partner Search Form - YDLabs

I offer my expertise to participate as a Partner in a Horizon Europe Project

I am planning to coordinate a project and I am looking for Project Partners

### TOPICS OF INTEREST

Fermentation in the fields of FoodTech, Biotechnology, Biopesticides

Relevant calls:

- HORIZON-CL6-2024-FARM2FORK-01-9: Investigating the Impact of the Microbiome on Flavor and Texture in Dietary Changes.
- HORIZON-CL6-2024-FARM2FORK-01-2: Pioneering Innovation in Healthy and Sustainable Food Products and Processes.
- HORIZON-CL6-2024-FARM2FORK-02-1-two-stage: Facilitating the Use of Non-Controversial Inputs in Organic Farming.

### PARTNER INFORMATION

#### Description of the Legal Entity

Higher Education

Research Institution

Public Administration

Industry /SME

NGO

Other: *Please specify*

#### Description and expertise of the (Research) Team

**Moti Rebhun, PhD., CTO – Team Leader:** Has over 25 years of experience in fermentation process development, scale-up, separation and purification of fermentation-based proteins, enzymes, small molecules, and others. Previously Moti was Hadassa's fermentation Unit Head and the CTO of various companies such as Fermentek and Bio-Dalia. Moti is the founder of Israel's Fermentation Society. Moti is an Agricultural Faculty graduate and owns a master's degree from Tel Aviv University and a Ph.D from the Hebrew University and Haifa University. His Ph.D focused on laccase production by the White Rot Higher Basidiomycetes Fungi including induction and regulation in 20-L Bioreactors, lyophilization and decolorization of industrial dyes.

**Yonatan Manor, PhD., COO:** Has over 15 years of experience in the food & pharmaceutical sectors, of which 10 years at Enzymotec. During his tenure, Yoni held the COO position at Enzymotec's US-based medical-food company, and afterwards Enzymotec's Plant Manager. In recent years Yoni has initiated and managed several young start-ups in the medical fields. Yoni holds a B.Sc. in Material Engineering and a Ph.D in Physical Chemistry from the Israeli Technion and holds many teaching assistant excellence prizes. His Ph.D Focused on the surface analysis at a molecular lever using fullerenes ion beams at 50eV to 50KeV.

**Michael Spevak, MSc., Head of Downstream Department:** Experienced Manufacturing Engineer with a demonstrated history of working in the veterinary and biopharmaceutical industry. Skilled in Pharmaceuticals, Vaccines, Biotechnology, Cell Culture, and Research and Development (R&D). Strong operations professional with a Master of Science focused on biotechnology from the Moscow Institute of Chemical Technology.

**Roe Vidavski, PhD., Scientific Advisor:** Managed multiple healthcare projects at various stages of drug development including early discovery, pre-clinical development, drug product manufacturing and long-term strategy roadmaps. Roe had worked as a field application specialist and sales expert for next-generation sequencing (NGS) and genomics in the Israeli market. Roe holds a Ph.D in Microbiology and Biochemistry from the Hebrew University of Jerusalem. His PhD focused on the development of small molecules that work as antibacterial drugs via inhibition of RelA protein. This project resulted in two

patents and was awarded the prestigious Kaye Innovation Award in 2010. Following his PhD, worked as a postdoctoral researcher at Tel-Aviv University, and experienced multiple research fields such as molecular biology, genomics, biochemistry, and synthetic biology.

YDLabs employs 12 team members, all of whom hold relevant technological degrees ranging from B.Sc. to M.Sc. and PhD in various relevant fields such as biology, biotechnology, industrial engineering, and more.

**Potential role in the project**

- Research  Training  
 Dissemination  Other: Fermentation R&D and Pilot scale and DSP

Already experience as a	Coordinator	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
Partner		<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
	Expert Evaluator	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO

**CONTACT DETAILS**

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