

Research & Services | Israel Goldberg Laboratory for Microbiology (Yisum)

code: 34-2007-1846

[Israel Goldberg](#), HUJI, Faculty of Medicine, Molecular Genetics & Biotechnology

Categories

Microbiology, functional foods, metabolic engineering

Objective/function

The Israel Goldberg Laboratory researches:

- Biosynthesis and regulation of organic acids in filamentous fungi
- Secondary metabolites (astaxanthin production by *Paraccocus marcusii*)
- Food ingredients
- Functional foods
- Mitochondrial cytosol interactions
- Metabolic engineering

Research provided

- Optimization of media for growth and product formation
- Small-scale fermentation (up to 10 liter)
- Continuous culture experiments

Advantages

The Israel Goldberg Laboratory is staffed by experienced, knowledgeable researchers in fermentation; batch and continuous cultures; and medium optimization technologies

Client record

- Gadot Biochemical Division Ltd., 1988-1993, Production of organic acids by fungi
- Amgal Chemicals Ltd. 2002, 2003, 2007, Production of organic acids by yeast and fungi

Available equipment

Fermentors: 10-liter capacity

Staff

- Israel Goldberg, PhD
- Emil Battat, MS

Contact

- Israel Goldberg, PhD goldberg@md2.huji.ac.il
- Link to homepage <http://www.md.huji.ac.il/depts/molgen/b-3-1.html>

Contact for more information:

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