

Human and Animal Pathogenic Fungi and Yeast (Ramot)

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Prof. Segal's laboratory is in the Department of Clinical Microbiology and Immunology at the Sackler School of Medicine.

The focus of the Lab. is research of human and animal pathogenic fungi (*Candida*, *Aspergillus*, Dermatophytes), exploring particularly antifungal drugs, pathogenesis and host-pathogen interactions.

The lab. has proficiency and expertise in:

- General microbiological technology, with emphasis on fungi – yeasts and molds
- In vitro evaluation of activity of potential anti-microbial substances
- In vivo animal models for experimental infections
- Evaluation in vivo of efficacy of potential anti-microbial substances
- XTT assays for determination of toxic effects
- ELISA tests for exploration of various host responses

All of the above may be considered for potential industrial services.

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