



BRAZILIAN JOURNAL OF MICROBIOLOGY

Industrial Microbiology: Bacterial Fermentation

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- biosynthesis and bioconversion of natural products, including antibiotics, xenobiotics, and macromolecules produced by bacteria.
- molecular aspects of bacterial biotechnology

Industrial Microbiology: Fungal Fermentation

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- biosynthesis and bioconversion of natural products, including antibiotics, xenobiotics, and macromolecules produced by fungi
- molecular aspects of fungal biotechnology

Food Microbiology: Food Technology

Susana Marta Isay Saad - susaad@usp.br

- applications of microorganisms (bacteria and fungi) for food production

Food Microbiology: Food Safety and Quality

Bernadette D. G. M. Franco – bfranco@usp.br

- food borne diseases
- food spoilage
- microbial ecology in foods

Medical Microbiology: Bacterial Pathogenesis

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- the genetic, biochemical, and structural basis of bacterial pathogenesis

Medical Microbiology: Clinical Bacteriology

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- studies of medically-important bacteria

Medical Microbiology: Fungal Pathogenesis

Rosana Puccia - rpuccia@unifesp.br

- the genetic, biochemical, and structural basis of pathogenesis of fungi

Medical Microbiology: Clinical Micology

Carlos Taborda – taborda@usp.br

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- studies of medically-important fungi

Environmental Microbiology: Microbial Ecology

Ulysses Lins - ulins@micro.ufrj.br

Lucy Seldin - lseldin@micro.ufrj.br

- ecology of natural microbial assemblages, microbial diversity of natural environments such as water, soil, sediments and higher organisms
- microbial interactions

Environmental Microbiology: Biotechnology

Alexandre Soares Rosado – asrosado@globo.com

- environmental aspects of public health
- biodegradation
- bioremediation
- environmental considerations for genetically engineered microorganisms

Fungal Physiology

Patricia Cisalpino - pscisalp@icb.ufmg.br

Luis H.S Guimarães - lhguimaraes@ffclrp.usp.br

- fungal biochemistry, biophysics, metabolism, cell structure, stress response, growth, differentiation and other related process

Bacterial Physiology

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- fungal biochemistry, biophysics, metabolism, cell structure, stress response, growth, differentiation and other related process

Genetics and Molecular Biology of Fungi

Mario Henrique de Barros - mariohb@usp.br

- fungal genetics, molecular biology, gene regulation, DNA replication and repair, genomics, proteomics, transcriptomics

Genetics and Molecular Biology of Bacteria

Marilis V. Marques - mymarque@usp.br

- bacterial genetics, molecular biology, gene regulation, DNA replication and repair, genomics, proteomics, transcriptomics

Genetics and Molecular Biology of Viruses

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- viral genetics, molecular biology, gene regulation, DNA replication and repair, genomics, proteomics, transcriptomics

Veterinary Microbiology

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- diseases of animals
- control and/or treatment of animals
- animal pathogen diagnostics
- veterinary or zoonotic pathogens