

Atomic absorption LABORATORY

About Atomic absorption LABORATORY

This lab provides highly accurate advanced services in the field of measuring elements concentration in various samples. The lab is ready to participate with other research labs for the development and progress of scientific research, and to co-operate with any faculty in Egypt to coincide with recent scientific knowledge. Atomic absorption is a very common technique for detecting metals and metalloids in samples and measures their concentrations. It is used for clinical analysis (blood samples: whole blood, plasma, serum; serous fluids, tissue biopsy), Water analysis, Food analysis, Soil analysis, Plant and Pharmaceutical products analysis.

Executive Manager Dr. Rasha Nassra, *Ass. professor of Medical Biochemistry department, Alexandria Faculty of Medicine*

Vice Executive Manager Dr. Fatma Dwedar, *Ass. professor of Medical Biochemistry department, Alexandria Faculty of Medicine*

Vision

We aim to be the most productive service provider to our researchers by offering advanced and innovative technologies that enhance the consistency of research workflows, resulting in better quality, more reliable data.

Mission

To provide our researchers with diverse, high quality, high accuracy, cost-effective, highly customized research facilities.

Field Research Applications

The Atomic absorption LABORATORY is dedicated to the provision of varied research methods that serve different research disciplines for disease diagnosis, prognosis, and treatment , AAS laboratory lamps (Al, As, Mn, Mg, Hg, Li, Ni, Pb, Ba, Se, Co, Ca, Cd, Cu)

Activities

Research activities including MS, MD, Scientific papers.

Seminars and scientific meetings

Workshops and Hands on training.

Participation in all Medical Research Center scientific activities

Team members

- **Executive Manager:** Dr. Rasha Nassra, Ass. professor of Medical Biochemistry department, Alexandria Faculty of Medicine
- **Vice Executive Manager:** Dr. Fatma Dwedar, Ass. professor of Medical Biochemistry department, Alexandria Faculty of Medicine

Team Members:

- Dr. Rasha nassra , Assistant Prof of Medical Biochemistry and Molecular Biology, Alexandria Faculty of Medicine
- Dr. Hazem mannaa , Assistant Prof of Medical Biochemistry and Molecular Biology, Alexandria Faculty of Medicine
- Dr. fatma doedar, Assistant Prof of Medical Biochemistry and Molecular Biology, Alexandria Faculty of Medicine
- Dr. Nada Soliman, Lecturer of Medical Biochemistry and Molecular Biology, Alexandria Faculty of Medicine
- Dr. Hend yassin, Lecturer of Medical Biochemistry and Molecular Biology, Alexandria Faculty of Medicine
- Dr. Mona Hassan, Lecturer of Medical Biochemistry and Molecular Biology, Alexandria Faculty of Medicine
- Dr. Mai elkelany , Lecturer of Medical Biochemistry and Molecular Biology, Alexandria Faculty of Medicine
- Rania Nagy chemist , Alexandria Faculty of Medicine

Contact

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Research equipment

- . Refrigerator
- . vortex
- . electric balance
- . PH meter
- . incubator
- . microcentrifuge

- . pipette boy
- . automatic pipettes

specialized research equipment

- **savant AA**
- **GF5000Graphite**
- **Cooling water circulator**