



الجمهورية الجزائرية الديمقراطية الشعبية
وزارة التعليم العالي والبحث العلمي
People's Democratic Republic of Algeria
Ministry of Higher Education and Scientific Research

University of Mohammed Seddik Benyahia- Jijel
Faculty of Nature and Life Sciences
Department of Molecular and Cell Biology



جامعة محمد الصديق بن يحيى- جيجل
كلية علوم الطبيعة والحياة
قسم البيولوجيا الجزيئية والخلوية

Thesis
Submitted By
Samia BELAHCENE

In fulfillment of the Requirements for the Degree of Doctor in
Biological Sciences

Doctorat 3rd cycle (LMD)
Option: Pharmaco-toxicology

**Risk of endocrine-disruptions after exposure to a mixture
of pesticides in male *Wistar albino* rats and role of Algerian
Myrtus communis L. in protecting reproductive functions**

The defense will take place on 23/10/2025, at 4:00 p.m., at the Central Library (2nd floor) of
the University of Jijel

Jury members:

Chairman	Prof. Abderrezak KRIKA	University Mohammed Seddik Benyahia of Jijel
Supervisor	Prof. Essaid LEGHOUCI	University Mohammed Seddik Benyahia of Jijel
Co-supervisor	Dr. Widad KEBSA	University Mohammed Seddik Benyahia of Jijel
Examiners	Prof. Souad AMEDDAH	University Mentouri Brothers, Constantine 1
	Prof. Mohamed Abdelhafid HAMIDECHI	Abbès Laghrour University of Khenchela
	Dr. Nassima BALLI	University Mohammed Seddik Benyahia of Jijel

Laboratory of Biotechnology, Environment, and Health

