

PEOPLE'S DEMOCRATIC REPUBLIC OF ALGERIA
MINISTRY OF HIGHER EDUCATION AND SCIENTIFIC RESEARCH
UNIVERSITY OF MOHAMED BOUDIAF - M'SILA

FACULTY OF SCIENCE
PHYSICS DEPARTMENT



FIELD: Materials science
SECTOR: Physics
OPTION: Medical Physics

No PH/MED/06/2025

Dissertation submitted for obtaining academic Master's degree

Presented by: LAKEL Abdelkader

Entitled

**Application of Logistic Regression for the Prediction of
Thyroid Disease Recurrence: Machine Learning Approach**

Defended on 18 /06 /2025 in front of the jury composed of:

S. NEHAOUA	University of Msila	President
F. BOUCHELAGHEM	University of Msila	Supervisor
B. BOUCHELAGHEM	Software development France	Co-Supervisor
S. BOUNAB	University of Msila	Examiner

Academic Year: 2024 / 2025