

# THESIS

Presented by

**Sadia BENFEDALA**

To obtain the degree of

**DOCTOR OF SCIENCE**

**Spinneret: Biology**

**Option: Microbiology**

**Theme**

**Modelling the kinetics of microbial inactivation by microwaves**

Defended on: 13 December 2025 at 9 a.m.  
Room 02

In front of the Jury composed of:

**Full Name**

**Rank**

<b>Mme BOULAKBACHE Leila</b>	<b>Professor</b>	Univ. of bejaia	President
<b>Mr MADANI Khodir</b>	<b>Professor</b>	Univ. of Bejaia	Rapporteur
<b>Mme ACHAT Sabiha</b>	<b>professor</b>	Univ. of Bejaia	Examiner
<b>Mr DJENANE Djamel</b>	<b>professor</b>	Univ. of Tizi Ouzou	Examiner
<b>Mr MOUNI Loutfi</b>	<b>Professor</b>	Univ. of Bouira	Examiner
<b>Mr LOUNICI A/ Hakim</b>	<b>Professeur</b>	Univ. De Bouira	Examineur
<b>Mr BELBAHI Amine</b>	<b>MCB</b>	Univ. De M'sila	Invité

**Academic Year: 2023/2024**