



جامعة باتنة 1  
Faculty of Matter Sciences / Department of Chemistry  
Laboratory of Materials Chemistry and the Living: Activity & Reactivity (LCMVAR)  
Laboratory of Chemistry and Environmental Chemistry (LCCE)



*The 3rd National Seminar on Chemistry and its Applications (SNCA-3-2025)*

الملقى الوطني الثالث حول الكيمياء وتطبيقاتها



November 26-27, 2025

## Certificate of Attendance

ID: SNCA/2025-PC33

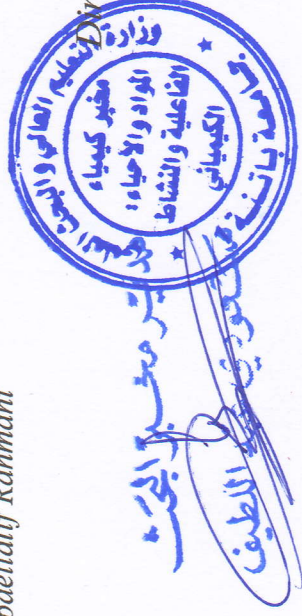
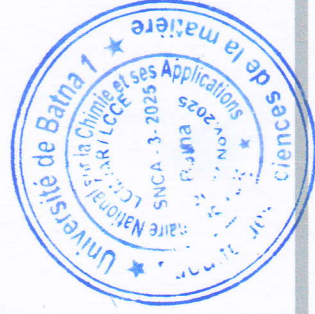
This is to certify that

*Dr. Ahmed Tabchouche*

Has presented a **Poster** Communication entitled:

**Synthèse et caractérisation d'un nouveau composé PVC 4000 M – 1,12-Diaminododécane pour l'extraction des métaux lourds des eaux polluées**

With Co-authors: Naoual Zobeidi, Fares Kahoul, Abdellatif Rahmani



Director of LCMVAR / President of SNCA-3-2025  
Prof. Abdelaïf Messaoudi