

CURRICULUM VITAE

PhD IN CHEMISTRY

- 19 years of experience in quality assurance ,water and waste water treatment plant, Desalination plant , pharmaceutical and food industries, quality control, process, and laboratory analysis .
- I am somebody of very curious, and a problem solver, having the concern of the detail, conscientiously responsible and serious, I like that all my acts are lawful and that my work is made suitably and in the standards.



Family Name: **MADANI**

First name: **ABDELKADER**

E-mail: **madani772002@yahoo.fr**

N°-Tel.: **(+213) 557458712 or (+ 213) 697003360**

Skype Id: **abdelkader.madani2**

Married

EXPERIENCE:

2002-2003: Quality engineer of the products at the company **ABC PEPSI COLA** in Algiers.

2003 - 2006: Laboratory Manager and Responsible of water quality within the company Algerian waters (ADE), **Desalination plant** with capacity of treatment **120000m³**.

2006-2009 : Quality assurance system manager within **Sanofi Aventis Algeria:**

- Preparation of validation procedure and control of production process.
- control of instrumentation and laboratory equipments (calibration and verification).
- Analysis of pharmaceuticals products using some equipments **CPG ,HPLC, IR , SAA, UV.....**

2009-2017 : Operation and maintenance manager with **WABAG Austria** in different projects :

- in Algeria in water and waste water treatment plant (**135600m³ water production capacity**). Laboratory manager and operation.
- **In Saudi Arabia Kingdom as Operation and laboratory Manager** within the company **WABAG AUSTRIA** for the **project ZEMZEM.**

January 2018 - August 2020 : Technical sales manager in water treatment chemicals and equipments (**REDA Group**) .

December 2018 - March 2020 : consultant and teacher trainer in water treatment and environmental procedures with **TECHNO-SCHOOL :**

Some training topic already done:

- ✓ **Operation of installations and equipments for chemical dosing units of desalination plant(using polymers and other flocculants).**
- ✓ **Operation and maintenance of installation of chemical dosing of Sulfuric Acid used in desalination plant.**
- ✓ **Startup of Reverse osmosis unit and operation procedures.**

March 2020 - at this date : process engineer in **water and waste water** treatment plant within private company:

- ✓ **Startup of water treatment plant unit and operation procedures.**
- ✓ **operation and maintenance and also make analysis of water .**

PUBLICATIONS :

- A.Selatnia, Mr. Z. Bhakti, **A. Madani**, L. Kertous, Y. Mansouri

Biosorption of Cd from aqueous solution by two NaOH-treated bacterial dead Streptomyces rimosus biomass. Hydrometallurgy, Elsevier, 75 (2004), 11-24.

- **A. MADANI**, A. SELATNIA, A. CHERGUI

Modeling of Manganese(II) biosorption by a dead biomass in a fixed bed-column, ALJEST, Vol.2. N°1. (2016)

A. Madani¹, A. Selatnia^{1,4*}, A. Chergui², A.R.Yeddou^{1,3} And B.Nadjemi¹

Comparative study of biosorption of Cu⁺², Ni⁺², Cd⁺², Zn⁺² and Co⁺² ions on the Pleurotus mutilus biomass, ALJEST, Vol.4. N°3. (2018).

DIPLOMAS:

2016-2019: PhD in chemical engineering, Project name: Study of biosorption of Cu²⁺, Ni²⁺, Cd²⁺, Zn²⁺, Mn²⁺, Fe³⁺ and Co²⁺ ions on the *Pleurotus mutilus* biomass

2006 -2008: Master's degree in chemical engineering, project name:

"Design and implementation of a semi-pilot percolation regeneration used oil that can withstand a certain amount of bentonite.

1998-2001: Engineering Degree in Chemical Engineering from State University of Houari Boumediene (USTHB), Bab-Ezzouar Algiers.

Theme Project Graduation: Experimental Study of absorption of CO₂ by an aqueous solution of NaOH in a pilot packed column (Ecole Nationale Polytechnique ENP).

1994 - 1995: Bachelor mathematical sciences in Algiers.

TRAINING:

April 2005: Training on "Management of a laboratory analysis of water for consumption with the implementation of quality assurance system.

The training certificate is issued by "The Training Center For Trades In The Water" (**ALGERIAN WATER COMPANY**).

May 2004: Training on "Monitoring of the physico-chemical and bacteriological water from consumption.

The certificate is issued by The Center for Trades Training in the Water (**ALGERIAN WATER COMPANY**).

July 2003: Training on "Management of a wastewater treatment and water treatment process.

The certificate is issued by : **SNC Lavalin (Canadian Company Specialized In The Treatment Water stations)**.

May 2008: Training in Metrology and **ISO 9001**.

June 2011: Training on maintenance of disinfection equipment with the system

UV: The Training Certificate is issued by **the German company Siemens**.

LANGUAGES FOREIGNERS AND SOFTWARE:

English: reading, writing, spoken

Arab: Mother tongue

French: reading, writing, spoken ,**Software: Word, Excel and PowerPoint, MS project, AUTOCAD, Aspen Hysys.**