

Dr. BARAKATE Nezha

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MOROCCO**

UNIVERSITY EDUCATION

PhD in Electrochemistry and Analytical Chemistry- Faculty of Sciences - Rabat (1994)

POSITIONS HELD

- ▶ Researcher at the National Institute of Health - Department of Toxicology and Hydrology, Ministry of Health. (Since 1996)
 - Focal point in Chemical Safety
- ▶ CERM- GEC ALSTHOM ELECTROMECHANIQUE - Belfort ; France (1995 - 1996)

PROFESSIONAL FORMATION

- ▶ Training on equipment maintenance INH -Rabat 2013
- ▶ Certificate of ability for the transfer of infectious substances WHO 2012
- ▶ Certificate of Trainer and Safety Chemical Safety Sandia National Laboratories - 2011
- ▶ Certificate of expertise Finnish Institute for Verification of the Chemical Weapons Convention. VERIFIN - University of Helsinki 2008
- ▶ Certificate of ability for the transfer of infectious substances "the Biosecurity Engagement Program » 2008
- ▶ Certificate on the management of chemicals via Internet UNEP and USEPA 2005
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COURSES and CONGRESS

- ▶ Participation in the work of the regional consultation on strengthening capacities for preparedness and response in the event of chemical event as required by the International Health Regulations (IHR) 2005. Amman (Jordan) from 1 to 4 April 2014

- ▶ CHU Pellegrin .Bordeaux (France) from 06 December 2010
au17 'metrology and maintenance of equipment'
- ▶ VERIFIN - University of Helsinki (Finland) from 18 February to
30 May 2008
'Basic Training Course on Chemical Warfare Agents Verification'
- ▶ VERIFIN - University of Helsinki (Finland) in June 2007
Analytical Skills Development Course (ASDC)
- ▶ International Atomic Energy Agency - Monaco - November 2000
Technical analysis of organochlorine
- ▶ Brussels - April 1997
ICPS Working Group on Harmonized Collection of pesticide data '
- ▶ National Institute of Hygiene - Rabat (1994)
- ▶ Center for Studies and Research on inorganic phosphates -
Casablanca (1992)
- ▶ Faculty of Sciences- University of Nancy I (France) . 1992

EXPERIENCE AND WORK

Technical Skills:

- ▶ Analysis of chemical weapons by gas chromatography (GC) ,
mass spectrometry (GC / MS) and LC / MS .
- ▶ Mastering the Residue Analysis of organic contaminants to trace
(pesticides , hydrocarbons, solvents ...) by gas chromatography
(GC) , mass spectrometry (GC / MS) and HPLC
- ▶ Quality Control (Laboratory of Marine Environment IAEA /
MONACO)
- ▶ Physico-chemical analysis of water .
- ▶ Mastering the qualitative and quantitative analysis by
electrochemical methods

Expertise in management quality :

- ▶ ISO 9001 quality tools
- ▶ ISO 14001 Environmental Management System
- ▶ ISO 17025

Networks and Committees

- ▶ Coordinator of Security Committee and metrology INH
- ▶ Member of the National Committee for the preparation of the
National Action Plan RNBC

- ▶ Member of the National Committee for the convention of chemicals weapons
- ▶ Member of the National Committee for the International Health Regulations (IHR)
- ▶ Member of the National Committee for EU approval of pesticides
- ▶ Member of the National Committee for the preparation of standards Moroccan drinking water (physico- chemical and organic and inorganic residues).
- ▶ Member of the National Committee for the Inventory of PCBs in equipment in Morocco.

Experiences in Higher Education

- ▶ Supervision of project End of Studies student engineers Process Engineering Department of the EMI, ENIM and Technology Graduate School of Casablanca.

** Last work done: Assessment and Management of chemical risks in the Department of Toxicology of the National Institute of Hygiene in Morocco*

- ▶ Management of projects of University Master
- ▶ Supervision of Analytical Chemistry courses in the College of Health Technicians in Rabat.

RECENT PUBLICATIONS

▶ François Xavier Nshimiyimana, Bouchaib Benbakhta, Nezha Barakate and Abdelmajid Soulaymani
 "Analysis Method for Pesticide Residues in Biological Matrices: Gas Chromatography-mass Spectrometry", June 2014, Vol. 8, No. 6, pp. 489-495 Journal of Life Sciences, ISSN 1934-7391, USA

▶ Benbakhta B. Fekhaoui M., Elabidi A. , N. Barakate , Idrissi L. Le Corre P., Yahyaoui (2012). Organochlorine Pesticides in Biota of Moulay Bouselham lagoon. Water Quality Research Journal of Canada, 43 (4) : 176-189 .

▶ A. EL MASLOUT , A. BENAYADA and N.BARAKATE , "
 Chemical behavior of ions Pb (II) in concentrated phosphoric media ,"
 Bulletin of the OCP 55, 2008