

Curriculum Vitae CV



Azdeen A. Abdullah Ben Hamed

Education

2003-2007 Masaryk University, Brno, Czech Republic

- *PhD in Analytical Chemistry*

Thesis title "Capillary Electrophoresis Methods Development and Optimization"

1995-1998 Tripoli University Faculty of Medical Technology

Tripoli, Libya

- *Master of Science in environmental chemistry and pollution*

Thesis title " physiochemical study of Tawaraga pool"

1988-1991 Misurata University, Misurata, Libya

- *Bachelor of Science in Chemistry*

PUBLICATIONS

1. **A. Ben Hamed**, S. Elostá and J. Havel. *Optimization of the capillary zone electrophoresis method for Huperzine A determination using experimental design and artificial neural networks.* J. Chromatogr. A, 1084 (2005) 7.
2. **A Ben Hamed**, D. Gajdošová, and J. Havel. *Analysis of salvia officinalis Plant Extract by capillary Electrophoresis.* J. Sep. Sci, 29 (2006) 1188.
3. **A. Ben Hamed**, P. Táborský, E.M. Peña-Méndez, and J. Havel. *Matrix-assisted laser desorption/ionization mass spectrometry (MALDI TOF MS) study of Huperzine A, a natural anti-Alzheimer's disease product, its derivatization and its detection by highly sensitive laser induced fluorescence (LIF).* Talanta 2007.

CONFERENCE PRESENTATIONS

1- **A. Ben Hamed** and J. Havel, 9th Symposium Latin – American LACE 2003 on Biotechnology Biomedical, Biopharmaceutical and Industrial Application of Capillary Electrophoresis and Microchip Technology, December 5-9, 2003. Mexico City, (Mexico), abstract and poster presentation : “*Capillary Electrophoresis Determination of Huperzine A, Perspective Prophylactic Antidote and medicine contra Alzheimer's disease .*” PP-A-48.

2- **A. Ben Hamed** , S. Elostá , and J. Havel, 12th International Symposium AACI 2004 ADVANCES AND APPLICATIONS OF CHROMATOGRAPHY IN

INDUSTRY June 29 - July 1, **2004**. Bratislava, (Slovak Republic), abstract and poster presentation : *“Optimization of A CZE Method for Huperzine A using experimental design and Artificial neural networks” I 04.*

3- **A. Ben Hamed**, S. Elostá , D. Gajdošová, M.Farková and J. Havel, International Chemometric Conference, CHEMOMETRICS VII, **2005**. CHEMOMETRICS VII Chemometric Branches of the Hungarian and Czech Chemical Societies, Masaryk University Brno, Hungarian Academy of Sciences, August 28-31 2005. Hajdúszoboszló, Hunguest Hotel Beke (Hungary) abstract and poster presentation : *“Optimization of capillary electrophoresis methods using experimental design and artificial neural net works”* ISBN No 9637067124.

4- **A. Ben Hamed**, D. Gajdošová, D. and J. Havel, 11th International Symposium on Separation Sciences, ISSS **2005**, September 12-14, 2005, Pardubice, (Czech Republic) abstract and poster presentation : *“Analysis of salvia officinalis plant extracts by capillary electrophoresis ”* ISBN 80-7194-771-7.

5- **A. Ben Hamed**, S Elostá, and J. Havel, 10th International Conference on Chemometrics in Analytical Chemistry CAC **2006**, Chemometrics in the Tropics September 10-14, 2006. Campinas, Sp, (Brazil) abstract and poster presentation : *“Combination of Experimental Design and Artificial Neural Networks for Optimization in Capillary Electrophoresis”*

6- **A. Ben Hamed**, 2th USM Penang international Postgraduate Convention **2008** 18-20 June universiti Sains Malaysia Penang(Malaysia): *“Combination of Experimental Design and Artificial Neural Networks for Optimization in separation of polyphols by Capillary Electrophoresis”*

7- **A. Ben Hamed**, , 5th EDATION DES JOURNEES INTERNATIONALES DES GEOSCIENCES DE L'ENVIRONNEMENT JIGE5-**2009** May 13-15 Fes (Maroc) *"Some Physico-Chemical Characteristics and Heavy Metal Profile of Tawarga Pool Libya "*

8- **A. Ben Hamed and J. Havel**, 1st International Conference on Nutraceutical and Cosmetic Sciences (ICNaCS) **2012**, 22-23 October Kuala Lumpur Malaysia *DETERMINATION OF ROSMARINIC AND CAFFEIC ACID IN EXTRACTS OF SALVIA OFFICINALIS BY CAPILLARY ZONE ELECTROPHORESIS.*

9- **A. Ben Hamed**, S. Elostá, and J. Havel, The Second International Symposium on "Analytical Chemistry for a Sustainable Development"- ACSD 2013- The 4th Federation of African Societies of Chemistry (FASC) Congress **2013**, May 7- 9, 2013 Marrakech - Morocco *“DETERMINATION OF SELECTED MYCOTOXINS IN BARLEY USING MALDI MASS SPECTROMETRY”*

Teaching courses

- Analytical chemistry I &II for second year of medical technology faculty for 8years. Theoretical and lab parts
- Analytical chemistry III for students of faculty of science chemistry department for 5 years. Theoretical and lab parts.
- Analytical chemistry IV for students of chemistry department for 3 years. Theoretical and lab parts.
- Analytical chemistry V &VI for students of chemistry department for 3 years. Theoretical part
- Environmental chemistry for postgraduates student for 2 years

Experience Skills

- Good knowledge of Capillary Electrophoresis. Operation and analysis of evaluate results
- HPLC operation
- MALDI Matrix Assistance Laser Desorption Ionization massspectrometry.
- Good knowledge of "Artificial Neural Networks" software for Predication and Optimization.