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Date of Birth: 02/09/1978

Nationality: Indian

Marital Status: Married

HIGHEST DEGREE:

- **Ph.D. (Analytical Chemistry) from the University of Barcelona, Spain. (2009), Result: “Excellent Cum Laude”**

PUBLICATIONS:

- 1) **M.R. Khan**, R. Busquets, F.J. Santos, L. Puignou, **(2008)**. *New method for the analysis of heterocyclic amines in meat extracts using pressurised liquid extraction and liquid chromatography-tandem mass spectrometry.* **Journal of Chromatography A**, **1194**, 155-160.
- 2) **M.R. Khan**, L.M. Bertus, R. Busquets, L. Puignou, **(2009)**. *Mutagenic heterocyclic amine content in thermally processed offal products.* **Food Chemistry**, **112**, 838-843.
- 3) **M.R. Khan**, A. Milà, R. Busquets, F.J. Santos, L. Puignou, **(2009)**. *Preparation and characterisation of fried chicken as a laboratory reference material for the analysis of heterocyclic amines.* **Journal of Chromatography B**, **877**, 1997-2002.
- 4) **Mohammad Rizwan Khan**, I.H. Alsohaimi, Z.A. Alothman, M.A. Abdalla, R. Busquets, A.K. Alomary, **(2012)**. *Determination of bromate in drinking water by ultra-performance liquid chromatography-tandem mass spectrometry.* **Journal of Separation Science**, **35**, 2538- 2543.
- 5) Z.A. Alothman, Mu. Naushad, **M.R. Khan**, S.M. Wabaidur, **(2012)**. *A Comparative Study on Characterization of Aluminium Tungstate and Surfactant-Based Aluminium Tungstate Cation-Exchangers: Analytical Applications for the Separation of Toxic Metal Ions.* **Journal of Inorganic Organometallic Polymer & Materials**, **22**, 352-359.
- 6) Z.A. Alothman, S.M. Obaidur, **Mohammad Rizwan Khan**, A.A. Ghfar, M. Habila, Y. Ahmed, **(2012)**. *Separation and quantitative determination of capsaicinoid compounds in peppers using ultra-performance liquid*

- chromatography-tandem mass spectrometry. Journal of Separation Science, 35, 2892–2896.*
- 7) **Mohammad Rizwan Khan**, Z.A. Alothman, M. Naushad, A.A. Ghfar, S.M. Wabaidur, (2012). *Simultaneous analysis of vitamin C and aspirin in aspirin C effervescent tablets by high performance liquid chromatography-photodiode array detector. Journal of Liquid Chromatography & Related Technology, 35, 1–8.*
 - 8) Z.A. Alothman, **Mohammad Rizwan Khan**, S.M. Wabaidur, M. Siddiqui, (2012). *Persistent organic pollutants: overview of their extraction and estimation. Sensor Letters, 10, 698–704(7).*
 - 9) **Mohammad Rizwan Khan**, R. Busquets, J. Saurina, S. Hernandez, L. Puignou, (2013). *Identification of seafood as an important dietary source of heterocyclic amines by chemometry and chromatography-mass spectrometry. Chemical Research in Toxicology, 26, 1014-1022.*
 - 10) **Mohammad Rizwan Khan**, Z.A. Alothman, M.A. Khan, R. Busquets, (2013). *Ultra Performance Liquid Chromatography–Electrospray Ionization–Mass Spectrometry for Rapid Analysis of Nitrate in Drinking Water. Analytical Methods, 5, 1225-1230.*
 - 11) Mu. Naushad, Z.A. Alothman, **Mohammad Rizwan Khan**, (2013). *Removal of malathion from aqueous solution using De-Acidite FF-IP resin and determination by UPLC-MS/MS: Equilibrium, kinetics and thermodynamics studies. Talanta, 115, 15-23.*
 - 12) **Mohammad Rizwan Khan**, Z.A. Alothman, S.M. Wabaidur, (2013). *A rapid method for the simultaneous determination of L-ascorbic acid and acetylsalicylic acid in aspirin C effervescent tablet by ultra performance liquid chromatography-tandem mass spectrometry. Spectrochimica Acta Part A, 108, 20-25.*
 - 13) **Mohammad Rizwan Khan**, Z.A. Alothman, A.A. Ghfar, S.M. Wabaidur, (2013). *Analysis of aflatoxins in non-alcoholic beer using liquid-liquid extraction and ultra-performance liquid chromatography tandem mass spectrometry. Journal of Separation Science, 36, 572- 577.*
 - 14) M. Azam, I. Warad, S. Al-Resayes, N. Alzaqri, **Mohammad Rizwan Khan** et al., (2013). *Synthesis and Structural Characterization of Pd(II) complexes derived from perimidine ligand and their in vitro antimicrobial studies. Journal of Molecular Structure, 1047, 48-54.*
 - 15) Mu. Naushad, Z.A. Alothman, **Mohammad Rizwan Khan**, S.M. Wabaidur, (2013). *Removal of Bromate from Water Using De-Acidite FF-IP Resin and Determination by Ultra-Performance Liquid Chromatography-Tandem Mass Spectrometry. CLEAN–Soil, Air, Water, 41, 528-533.*

- 16) M.A. Khan, Z.A. Alothman, Mu. Naushad, **Mohammad Rizwan Khan**, M. Luqman (2013). *Adsorption of methylene blue on strongly basic anion exchange resin (Zerolit DMF): kinetic, isotherm, and thermodynamic studies*. **Desalination and Water Treatment**, **53**, 515-523.
- 17) **Mohammad Rizwan Khan**, Z.A. Alothman, M.A. Khan, I.H. Alsohaimi, Mu. Naushad (2014). *Quantitative Determination of Methylene Blue in Environmental Samples by Solid Phase Extraction and Ultra Performance Liquid Chromatography-Tandem Mass Spectrometry: A Green Approach*. **RSC Advances**, **4**, 34037-34044.
- 18) Mu. Naushad, M.A. Khan, Z.A. Alothman, **Mohammad Rizwan Khan**, (2014). *Adsorptive removal of nitrate from synthetic and commercially available bottled water samples using De-Acidite FF-IP resin*. **Journal of Industrial and Engineering Chemistry**, **20**, 3400–3407.
- 19) Mu Naushad, Z.A. Alothman, **Mohammad Rizwan Khan**, N.J. Alqahtani I.H. Alsohaimi (2014). *Equilibrium, kinetics and thermodynamics studies for the removal of organophosphorus pesticide using Amberlyst-15 resin: Quantitative analysis by liquid chromatography-mass spectrometry*. **Journal of Industrial and Engineering Chemistry**, **20**, 4393–4400.
- 20) **Mohammad Rizwan Khan**, Z.A. Alothman, N.J. Alqahtani, I.H. Alsohaimi, Mu. Naushad (2014). *Quantitative analysis of bromate in non-alcoholic beer using ultra performance liquid chromatography-electrospray ionization mass spectrometry*. **Analytical Methods**, **6**, 4038-4045.
- 21) I.H. Alsohaimi, M.A. Khan, Z.A. Alothman, **Mohammad Rizwan Khan**, M. Kumar, A.M. Mahri (2015). *Synthesis, Characterization, and Application of Fe-CNTs Nanocomposite for BrO₃⁻ Remediation from Water Samples*. **Journal of Industrial and Engineering Chemistry**, **26**, 218-225.
- 22) **Mohammad Rizwan Khan**, Z.A. Alothman, Mu Naushad, I.H. Alsohaimi, M.S. Algamdi (2015). *Solid phase extraction and ultra performance liquid chromatography-tandem mass spectrometric identification of carcinogenic/mutagenic heterocyclic amines in cooked camel meat*. **RSC Advances**, **5**, 2479–2485.
- 23) **Mohammad Rizwan Khan** (2015). *Influence of food condiments on the formation of carcinogenic heterocyclic amines in cooked chicken and determination by liquid chromatography-tandem mass spectrometry*. **Food Additives and Contaminants Part A**, **32**, 307-314.
- 24) A.A. Ghfar, S.M. Wabaidur, A.Y.B.H. Ahmed, Z.A. Alothman, **Mohammad Rizwan Khan**, N.H. Al-Shaalan (2015). *Simultaneous determination of monosaccharides and oligosaccharides in dates using liquid chromatography–electrospray ionization mass spectrometry*. **Food Chemistry**, **176**, 487–492.

- 25) Mu. Naushad, **Mohammad R. Khan**, Zeid A. AlOthman, Ibrahim AlSohaimi, Francisco Rodriguez-Reinoso, Turki M. Turki, Rahmat Ali (2015). *Removal of BrO_3^- from drinking water samples using newly developed agricultural waste-based activated carbon and its determination by ultra-performance liquid chromatography-mass spectrometry.* **Environmental Science and Pollution Research**, **22**, 15853-15865.
- 26) Gaurav Sharma, Mu. Naushad, Amit Kumar, Shilpa Devi, **Mohammad Rizwan Khan** (2015). *Lanthanum/Cadmium/Polyaniline bimetallic nanocomposite for the photodegradation of organic pollutant.* **Iranian Polymer Journal**, **24**, 1003-1013.
- 27) **Mohammad Rizwan Khan**, Saikh Mohammad Wabaidur, Zeid Abdullah AlOthman, Rosa Busquets, Mu Naushad (2016). *Method for the fast determination of bromate, nitrate and nitrite by ultra performance liquid chromatography–mass spectrometry and their monitoring in saudi arabian drinking water with chemometric data treatment.* **Talanta**, **152**, 513-520.
- 28) Rohan M. Kore, Rajaram S. Mane, Mu. Naushad, **Mohammad R. Khan**, Balkrishna J. Lokhande (2016). *Nanomorphology-dependent pseudocapacitive properties of NiO electrodes engineered through a controlled potentiodynamic electrodeposition process.* **RSC Advances**, **6**, 24478-24483.
- 29) Deepak Pathania, Rishu Katwal, Gaurav Sharma, Mu. Naushad, **Mohammad Rizwan Khan**, Ala'a H. Al-Muhtaseb (2016). *Novel guar gum/ Al_2O_3 nanocomposite as an effective photocatalyst for the degradation of malachite green dye.* **International Journal of Biological Macromolecules**, **87**, 366–374.
- 30) Mu Naushad, **Mohammad Rizwan Khan**, Zeid Abdullah AlOthman, Ala'a H. Al-Muhtaseb, Md. Rabiul Awual, Ayoub Abdullah Alqadami (2016). *Water purification using cost effective material prepared from agricultural waste: Kinetics, isotherms and thermodynamic studies.* **CLEAN–Soil, Air, Water**, **44**, 1036–1045.
- 31) A.Y. Badjah Hadj Ahmed, Saikh M.Wabaidur, Masoom Raza Siddiqui, Zeid A. AlOthman, Munir S. Obeid, **Mohammad R. Khan**, Saad A.AL-Tamrah (2016). *Simultaneous determination of twenty-five polyphenols in multifloral and cactus honeys using solid-phase extraction and high-performance liquid chromatography with photodiode array detection.* **European Food Research and Technology**, **242**, 943–952.
- 32) Arfaraz Ahmad, Masoom R. Siddiqui, Md. S. Ali, Saikh M. Wabaidur, Md. S. Alam, Nawazish Alam, Zeid A AlOthman, Moonis Ali Khan, **Mohammad R. Khan** (2016). *Solid phase extraction and lc-ms/ms method for*

- quantification of venlafaxine and its active metabolite o-desmethyl venlafaxine in rat plasma. **J. Chil. Chem. Soc.**, **61**, 3130-3135.
- 33) Ayoub Alqadami, Mu Naushad, Mohammad Abulhassan Abdalla, **Mohammad Khan**, Zeid Alothman (2016). Adsorptive removal of toxic dye using Fe₃O₄-TSC nanocomposite: Equilibrium, kinetic and thermodynamic studies. **Journal of Chemical & Engineering Data**, **61**, 3806-3813.
- 34) **Mohammad Rizwan Khan**, Mu Naushad, Zeid Abdullah Alothman, Mohammed Saad Algamdi, Ibrahim Hotan Alsohaimi, Ayman Abdul Ghfar (2016). Effect of natural food condiments on carcinogenic/mutagenic heterocyclic amines formation in thermally processed camel meat. **Journal of Food Processing and Preservation**. **41**: e12819.
- 35) Arush Sharma, Shweta, Mu Naushad, **Mohammad Rizwan Khan**, Amit Kumar, Susheel Kalia, Ala'a H. Al-Muhtaseb, Manju Bala (2017). Fabrication and characterization of Chitosan-crosslinked-poly(alginic acid) nanohydrogel for adsorptional removal of Chromium metal ions from aqueous medium. **International Journal of Biological Macromolecules**, **95**, 484-493.
- 36) **Mohammad Rizwan Khan**, Mu Naushad, Zeid Alothman (2017). Occurrence of acrylamide carcinogen in Arabic coffee Qahwa, coffee and tea from Saudi Arabian market. **Scientific Reports**, **7**, 41995.
- 37) Gaurav Sharma, Mu. Naushad, Amit Kumar, Shailja Rana, Shweta Sharma, Amit Bhatnagar, Florian J. Stadler, Ayman A. Ghfar, **Mohammad Rizwan Khan** (2017). Efficient removal of coomassie brilliant blue R-250 dye using starch/poly(alginic acid-cl-acrylamide) nanohydrogel. **Process Safety and Environmental Protection**, **109**, 301-310.
- 38) Mu Naushad, Ayoub Alqadami, Mohammad Rizwan Khan, Ayman Ghfar, Zeid Alothman, Mohammad Abulhassan Abdalla, Saikh Wabaidur (2017). Determination of heavy metals in skin-whitening cosmetics using microwave digestion and inductively coupled plasma atomic emission spectrometry. **IET Nanobiotechnology**, **11**, 597 – 603.
- 39) **Mohammad Rizwan Khan**, Mu Naushad, Zeid Alothman (2017). Presence of heterocyclic amine carcinogens in home-cooked and fast-food camel meat burgers commonly consumed in Saudi Arabia. **Scientific Reports**, **7**, 1707.
- 40) Manita Thakur, Deepak Pathania, Gaurav Sharma, Mu. Naushad, Amit Bhatnagar, **Mohammad Rizwan Khan** (2017). Synthesis, Characterization and Environmental Applications of a New Bio-Composite Gelatin-Zr(IV) Phosphate. **Journal of Polymers and the Environment**, doi:10.1007/s10924-017-1043-0.

- 41) Amit Kumar, Ajay Kumar, Gaurav Sharma, Mu. Naushad, Renato Cataluna Veses, Ayman A. Ghfar, Florian J. Stadler and **Mohammad Rizwan Khan (2017)**. *Solar-driven photodegradation of 17- β -estradiol and ciprofloxacin from waste water and CO₂ conversion using sustainable coal-char/polymeric-g-C₃N₄/RGO metal-free nano-hybrids*. **New Journal of Chemistry**, **41**, 10208-10224.
- 42) AmitKumar, Mu.Naushad, Anamika Rana, Inamuddin, Preeti, Gaurav Sharma, Ayman A.Ghfar, Florian J.Stadler, **Mohammad R.Khan (2017)**. *ZnSe-WO₃ nano-hetero-assembly stacked on Gum ghatti for photo-degradative removal of Bisphenol A: Symbiose of adsorption and photocatalysis*. **International Journal of Biological Macromolecules**, **104**, 1172-1184.
- 43) Mu.Naushad, Gaurav Sharma, Amit Kumar, Shweta Sharma, Ayman A.Ghfar, Amit Bhatnagar, Florian J.Stadler, **Mohammad R.Khan (2017)**. *Efficient removal of toxic phosphate anions from aqueous environment using pectin based quaternary amino anion exchanger*. **International Journal of Biological Macromolecules**, <https://doi.org/10.1016/j.ijbiomac.2017.07.169>

BOOK:

- 1) **Ultra Performance Liquid Chromatography Mass Spectrometry: Evaluation and Applications in Food Analysis, (2014)**. Publishers CRC press, Taylor & Francis Group, Boca Raton, Florida, USA. ISBN: 978-1-46-659155-4, <http://www.crcpress.com>

BOOK CHAPTERS:

- 1) **Advances in the Analysis of Challenging Food Contaminants: Nanoparticles, Bisphenols, Mycotoxins, and Brominated Flame Retardants, (2014)**. Advances in Molecular Toxicology, Vol. 8, Amsterdam: Elsevier, ISBN: 978-0-444-63406-1. <http://www.sciencedirect.com/science/article/pii/B9780444634061000027>
- 2) **UPLC-MS/MS Analysis of Heterocyclic Amines in Cooked Food, (2014)**. Publisher, CRC press, Taylor & Francis Group, Boca Raton, Florida, USA. ISBN: 978-1-46-659155-4, <http://www.crcpress.com>
- 3) **History and Introduction of UPLC/MS, (2014)**. Publisher, CRC press, Taylor & Francis Group, Boca Raton, Florida, USA. ISBN: 978-1-46-659155-4, <http://www.crcpress.com>

- 4) **Trends of Solid-Phase Extraction Technique in Environmental and Food Analysis, (2012).** Nova Science Publisher, New York, USA.
www.novapublishers.com
- 5) **Applications of Solvent Extraction Method for the Removal of Metals, (2012).** Nova Science Publisher, New York, USA.
www.novapublishers.com
- 6) **Activated Carbon as a Versatile Adsorbent for the Removal of Pollutants, (2012).** Nova Science Publisher, New York, USA.
www.novapublishers.com

SUPERVISION:

- **PhD thesis (2)** at Chemistry Department, King Saud University, Saudi Arabia. **(2014-2016)**
- **Master thesis (1)** at Chemistry Department, King Saud University, Saudi Arabia. **(2013-2014)**
- **Erasmus students (4)** at Chemistry Department, University of Barcelona, Spain. **(2004-2009)**

FUNDED RESEARCH PROJECTS:

- 1) **Quantitative analysis of acrylamide carcinogen in heat-treated foods from the Kingdom of Saudi Arabia and its reduction by the addition of various food additives.** Funded by the King Abdulaziz City for Science and Technology, Saudi Arabia **(2014). \$233,000/.**
- 2) **Designing novel green ionic liquid-based solvent media for the synthesis of biologically important compounds.** Funded by the National Plan for Sciences and Technology (NPST), King Saud University, Saudi Arabia **(2014). \$436,000/.**
- 3) **Adsorptive removal of probable human carcinogen bromate from Saudi water using agricultural waste material based activated carbon and its determination by ultra-performance liquid chromatography-mass spectrometry.** Funded by the National Plan for Sciences and Technology (NPST), King Saud University, Saudi Arabia **(2013). \$300,000/.**
- 4) **To study the occurrence of carcinogenic heterocyclic amines in cooked camel meat from the Kingdom of Saudi Arabia.** Funded by the National Plan for Sciences and Technology (NPST), King Saud University, Saudi Arabia **(2012). \$260,000.**
- 5) **Study on exposure of carcinogenic heterocyclic amines in the Spanish diet.** Funded by the Ministry of Science and Technology, Spain. **(2004), University of Barcelona, Spain. €180,000.**

CONFERENCES:

- 1) **M.R. Khan**, Z.A. Alothman, Mu Naushad, I. H. Alsohaimi, Quantification of Heterocyclic Amines Carcinogens in Heat-Treated Meat and Fish by Solid-Phase Extraction and Liquid Chromatography-Tandem Mass Spectrometry Method. **Congress:** 41st International Symposium and Exhibit on High Performance Liquid Phase Separations and Related Techniques (**May 2014**), **Venue: New Orleans, USA.**
- 2) **M.R. Khan**, Z.A. Alothman, M. Khan, R. Busquets, Development of Rapid and Sensitive Ultra Performance Liquid Chromatography–Mass Spectrometry Method for Nitrate Analysis in Drinking Water. **Congress:** 29th Montreux Symposium on LC/MS (**Nov. 2012**), **Venue: Montreux, Switzerland.**
- 3) **M.R. Khan**, I. H. Alsohaimi, Z. A. Alothman, M. A. Abdalla, A. K. Alomary, Development of a highly sensitive and selective UPLC–MS/MS method for the determination of bromate in metropolitan and bottled drinking water. **Congress:** 12th International Symposium on Hyphenated Techniques in chromatography. (**Feb. 2012**), **Venue: Belgium. (Awarded Top 10 Best Posters).**
- 4) Z.A. Alothman, **M.R. Khan**, S.M. Wabaidur, Development of a highly sensitive UPLC-MS/MS technique for the simultaneous determination L-ascorbic acid and acetylsalicylic acid in aspirin C effervescent tablet. **Congress:** 36th international symposium on high-performance liquid phase separations and related techniques. (**June 2011**), **Venue: Budapest, Hungary.**
- 5) **M.R. Khan**, L.M. Bertus, L. Puignou, M.T. Galceran, Occurrence of mutagenic/carcinogenic heterocyclic amines in offal products (animal visceral) processed after traditional recipes from Spain. **Congress:** 3rd International Symposium on Recent Advances in Food Analysis. (**Nov 2007**), **Venue: Prague, Czech Republic.**
- 6) **M.R. Khan**, L. Puignou, M.T. Galceran, Determination of heterocyclic amines in cooked fish using liquid chromatography-tandem mass spectrometry (LC-MS/MS). **Congress:** 31st HPLC-2007. (**June 2007**), **Venue: Ghent, Belgium.**
- 7) **M.R. Khan**, R. Busquets, L. Puignou, Inhibitory effect of wine in the formation of some culinary toxic in meat food processing. **Congress:** IX National Congress of Enology Investigation. (**May 2007**), **Venue: Badajoz, Spain.**
- 8) **M.R. Khan**, A. Milà, L. Puignou, M.T. Galceran, Preparation of fried chicken breast as a laboratory reference material for the determination of

heterocyclic amines. **Congress:** 6th Spanish Society of Chromatography and Related Techniques. (**Nov. 2006**), **Venue:** Vigo, Spain.

- 9) **M.R. Khan**, F.J Santos, L. Puignou, M.T. Galceran, Development of a pressurised liquid extraction (PLE) procedure for the analysis of heterocyclic amines in meat extract by LC-MS/MS. **Congress:** Ninth International Symposium on Hyphenated Techniques in chromatography and Hyphenated Chromatographic Analyzes. Eighth International Symposium on Advances in Extraction Techniques. (**Feb. 2006**), **Venue:** Yorkshire, England.

- 10) C. Nerín, S. Arrojo, **R. Khan**, J. Salafranca, C. Dopazo, Cavitation as an innovative tool for waste water treatment and a challenge for analytical chemist. **Congress:** 3rd Scientific Meeting of the Spanish Society of Chromatography and Related Techniques and 3rd Waste Water Cluster (WWC) European Workshop. (**Sept. 2003**), **Venue:** Almería, Spain.

ACADEMIC TRAINING:

Graduate Studies:

- 1) **Diploma in Advance Studies (DEA).** Ph.D. Program on Analytical Chemistry of the Environment and Pollution. Department of Analytical Chemistry, University of Barcelona, Spain. (**2005-2006**), **Result:** *Excellent*
- 2) **Master Degree in Analytical Chemistry.** Department of Chemistry, Aligarh Muslim University, Aligarh, India. (**2002**), **Result:** *First Division*

Undergraduate Studies:

- **Honors Degree in Chemistry.** Department of Chemistry, Aligarh Muslim University, Aligarh, India. (**2000**), **Result:** *Honors*

VISITING RESEARCHER:

- Department of Molecular & Cellular Biology, University of Guelph, Canada. (**Feb 2008-Jul 2008**)
- Department of Analytical Chemistry, CPS, University of Zaragoza, Spain. (**Feb 2003-Oct 2003**)

SCIENTIFIC MEETING:

- **GSC-MS-SCHLOSSPLAZ 4/7-D-MUNSTER**, Graduate School of Chemistry, University of Muenster, Muenster Germany. (2003)
- 2nd Meeting of Mass Spectrometry (SEEM), Department of Analytical Chemistry, University of Barcelona, Spain. (2004)

FELLOWSHIP:

- Predoctoral Fellowship (FPI) from the Ministry of Education and Science, Spain (**2004-2009**).
- Visiting Researcher funding from the Ministry of Education and Science, Spain (**2008**).
- Training as Visiting Researcher funding from FMC-FORET, Spain (**2003**).

MEMBERSHIP IN PROFESSIONAL ASSOCIATIONS:

- International Association of Environmental Analytical Chemistry (IAEAC), Postfach 46, CH-4123 Allschwil, Switzerland.
- Royal Society of Chemistry, Thomas Graham House, Science Park, Milton Road
Cambridge, CB4 0WF, UK
- The Mass Spectrometry Interest Group of the National Cancer Institute at Frederick MD 21701, USA.
- Spanish Society of Chromatography and Related Techniques, Department of Analytical & Inorganic Chemistry, University of Alcala, E-28871, Alcala of Henares, Madrid, Spain.

SEMINARS ATTAINED:

- International Petrochemical Technologies Riyadh, KSA. (2011)
- LC-MS/MS (Thermo Scientific), Barcelona, Spain. (2006)
- LC-MS/MS (Thermo Scientific), Barcelona, Spain. (2007)
- LC-MS/MS (Agilent Technologies), Barcelona, Spain. (2007)
- Innovation in Analytical Techniques, Barcelona, Spain. (2007)
- LC-MS/MS (Applied Biosystems), Barcelona, Spain. (2007)
- Principles of Good Laboratory Practices (GLP), Barcelona, Spain. (2007)
- GC Tips and Tricks (Agilent Technologies), Barcelona, Spain. (2008)
- GCXGC, LCXGC, (Agilent Technologies), Barcelona, Spain. (2009)
- GC-MS User meeting (Agilent Technologies), Barcelona, Spain. (2009)
- Food Control and Environment (Waters), Barcelona, Spain. (2009)
- European Food Safety (Thermo Scientific), Barcelona, Spain. (2009)
- LC Tips & Tricks (Agilent Technologies), Barcelona, Spain. (2009)
- LC 1290 Infinity (Agilent Technologies), Barcelona, Spain. (2009)
- Workshop on Pharmacy (Agilent Technologies), Barcelona, Spain. (2009)

IT SKILLS:

MS Windows, MS Office, Internet

LANGUAGES KNOWN:

English, Spanish, Catalan, Hindi, Urdu and Arabic (Basic)

REFERENCES:

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