

CURRICULUMVITAE

MUHAMMAD SULEMAN

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Academic Qualification

Year	Qualificati on	Institution	Board/ University	Division Distinction	%age	Main subject
1995	SCC	HMCBoyshigh schoolTaxila Rawalpindi.	B.I.S.E, Rawalpindi.	1 st	78.94%	Science.
1998	HSSC (F.Sc)	HIT Degree CollegeTaxilacant t,Rawalpindi.	F.B.I.S.E, Islamabad.	1 st	66.36%	Pre- Medical.
2000-03	B.Sc(Hons) (4years)	Deptt.Agricultural Chemistry.	N.W.F.P.Agriculture UniversityPeshawar Pakistan.	1 st Silver medal	86.26% CGPA 3.80/4.00	Agricultural Chemistry.
2004-05	M.Sc(Hons) (2 years)	Deptt.Agricultural Chemistry.	N.W.F.P.Agriculture UniversityPeshawar Pakistan	1 st Goldmedal	93.17% CGPA 4.00/4.00	Agricultural Chemistry.
2007- 2011	PhD	Deptt.Chemistry	UniversityofYork UK	NA	NA	Analytical Chemistry (MassSpec)

Subjects of Specialization

Agricultural Chemistry
Pesticide Chemistry
Cellmembrane
Phospholipids
Triglycerides
Mass spectrometry
Chromatography

Expertise in Instrumentations

Dionex RSLC HPLC
Accela HPLC
Waters HPLC
Elemental analyzer
Accelerated solvent extractor (ASE)
Esquire 6000 mass spectrometer (Bruker Daltonics)
HTCETD-II ultra mass spectrometer (Bruker Daltonics)
LCQ (Agilent)
GC Ultra fast,
GCMS

Research Interest

I am interested in pesticide degradations, soil microbial diversity as a result of pesticide applications, environmental risk assessment of pesticides and their transformation products and analytical techniques such as ESI/APCI-LCMS/MS.

Training and Expertise in Information Technology

Microsoft Office,
LaTeX,
Endnote,
XLstat
Others software related to mass spectrometry i.e. Xcaliber (LCQ) and Data analysis (Bruker Daltonics)

Publications

1. **Muhammad Suleman**, Hamid Ullah Shah, Gul Nawab, Zafar Iqbal, Anwar Ali Shad, Fatima Shah, and Tahir Shah. 2012. Iron status of the reproductive age females the rural areas of Peshawar, Pakistan. *Journal of Chemical Society of Pakistan*. *Under review*.
2. **Suleman M** and BJ Keely. 2012. Comparative study of the leaching potential of the priority compounds. *Environmental Pollution*. *Under review*.
3. **Suleman M** and Keely BJ. 2012. Impact of glyphosate, isoproturon, propyzamide and thifensulfuron methyl on the soil microbial diversity. *Chemosphere*. *Submitted*.
4. Saleemullah, Hamid Ullah Shah, M. Nauman Ahmad and **M. Suleman**. Proximate composition and Biophysical characteristics of local soybean cultivars. *Sarhad J. Agric. Vol.22, No.1: 51-53, 2006*.
5. Saleemullah, M. Nauman Ahmad, Hamid Ullah Shah, Iqtidar A. Khalil and **M. Suleman**. 2007. Serum retinol level of human subjects fed carotene rich diet. *Sarhad J. Agric. 23:759-762*.
6. Sahib Alam, Hamid Ullah Shah, Majid Suhail Hashmi and **Muhammad Suleman** 2006. Biochemical and Microbiological studies of iron fortified whole wheat flour during storage. *Sarhad J. Agric. 22: (4) 673-679*.
7. **CONFERENCES / SEMINARS / POSTER PRESENTATIONS**
 1. Poster presentation in "Young Scientist Meeting" organised by Society of Environmental Toxicology and Analytical Chemistry (SETAC) at Lancaster, UK, June, 2009
 2. Poster presentation in "Pesticide Conference" at York, September, 2009
 3. Poster presentation in British Organic geochemistry at Manchester, July, 2010
 4. A seminar on "Fate of pesticides transformation products" organised by AESAC at University of York, June, 2010.
 5. Seminars on "ESI and APCI as ionisation sources" and "Time of flight (TOF) mass spectrometry" at University of York, 2009-10.
8. **PROJECTS**
 1. A project titled "Assessment of the leaching potential of pesticides and their transformation products" has been submitted to the Higher Education Commission of Pakistan, January 2012.

References

- 1) Professor Brendan J Keely
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2) DrMathew DPickering(Research Fellow/PostDoc.)
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