

CURRICULUM VITAE

AMANULLAH

PhD Candidate at
Department of Chemistry and Industrial Chemistry
University of Genova Italy.
N.I.C. No. 33100-9911134-5
Phone # +39 3312284305
E-mail: aman@chimica.unige.it
amanullah06@gmail.com
amanullah_8@yahoo.com
amanullah836@hotmail.com
Date of birth: April 5, 1978.
Nationality: Pakistani
Marital Status: Married
Mailing Address: Department of Chemistry and Industrial Chemistry (DCCI)
Via Dodecanesso 31, 16146 Genova Italy.

EDUCATIONAL QUALIFICATION

M.Sc. Chemistry: 1st Division from University of Agriculture, Faisalabad.

B.Sc.Chemistry, Botany, Zoology. :1st Division from University of Punjab, Lahore

F.Sc Pre-Medical: 1st Division, Faisalabad (B.I.S.E., Faisalabad)

Matriculation with Science: 1st Division , B.I.S.E., Faisalabad

TEACHING EXPERIENCE:

Lecturer in chemistry: PAF Degree College Rafiqui, Shorkot Cantt. From, Dec. 2002 to Oct-2003

Lecturer in Chemistry.GC University, Faisalabad: Teaching chemistry to B.Sc. (Hons) and M.Sc. Chemistry Classes from, 1st Oct-2003- to 1st December 2004.

DISTINCTIONS AND SCHOLARSHIPS

PhD Scholarship provided by Ministry of Education Italy

Junior Research Fellowship Awarded by H.E.J. Research Institute of Chemistry, University of Karachi, Pakistan. (3-10-2004 to 31-12-2006)

Merit Scholarship awarded by University Grants commission of Pakistan in B.Sc examination

Merit scholarship awarded by Board of intermediate and Secondary Education
Faisalabad Pakistan in Middle Standard and Matriculation Examinations.

SKILLS

Very good working Knowledge of advance techniques , UV, IR, SEM, TEM, AFM, ¹H-NMR and ¹³C-NMR.

RESEARCH EXPERIENCE

Currently working as a PhD student on a project “*Preparation of metal-POSS (Me-POSS) based nanocomposites and their chemical and physical characterization*” as a part of major project “*Design and Synthesis of Multifunctional Polyhedral Silsesquioxanes for Novel Thermally Stable polymer Composites*”

Worked on a project put forth by Pakistan Science Foundation entitled “*Analysis of Barite and Celestite Ores Collected From Khairabad Daud Khel and Pilot scale production and applications of Strontium and Barium Organometallic pigments from indigenous Celestite and Barite ores.*”

Worked on a project “Phytochemical Investigation on the Chemical Constituents of *Ziziphora clinopodioides*” from 3-10-2004 to 31-12-2006

Working hand on the chromatographic techniques to isolate the biologically active natural products from the important medicinal plants & their structure elucidation by means of spectroscopic techniques like $^1\text{H-NMR}$, $^{13}\text{CNMR}$, FPLC, HPLC, GC, AAS, UV, IR,.

ACADEMIC ACTIVITIES:

Member of Pakistan Association for the Advancement of Sciences (PAAS),

COMPUTER KNOWLEDGE:

Can operate Microsoft Office Applications, Power Point and Chemistry Soft wares like Chem. draw/ Chem. window *etc.*

TRAINING/COURSES:

1. Certificate of spoken English language from department of English UAF.
2. English proficiency certificate (EPC) from U.A.F.
3. Advanced Courses on “*X-ray Crystallography*” held during different time schedules, from August 2004, at H.E.J. Research Institute of Chemistry, University of Karachi, Karachi-75270, Pakistan.
4. Spoken Italian language course from University of Genova Italy

CONFERENCES & COMUNICATIONS:

1. 6th short course on Nanostructured Polymer Materials from Chemistry to Applications + 2nd Young Polymer Scientist Conferenece, Terni, Italy, April 13-15, 1008.
2. Novel polymer hybrid based on POSS., O. Monticelli, A. Fina, P. Waghmare, **A. Ullah**, E. Zunino, S. Russo, *4th International symposium on ‘Nanostructured and functional polymer-based materials and nanocomposites’, Rome, Italy 16-18 April 2008, OR.16.*
3. POSS grafting on polymers by one-step reactive blending., A. Fina, D. Tabuani, G. Camino, O. Monticelli, P. Waghmare, **A. Ullah**, E. Zunino, S. Russo, *4th International symposium on ‘Nanostructured and functional polymer-based materials and nanocomposites’, Rome, Italy 16-18 April 2008, PC.05.*
4. Hybrid polymer Systems Based on Poly(Styrene-co-Maleic Anhydride) and Polyhedral Oligomeric Silsesquioxanes (POSS) **Aman Ullah** EUPOC 2008- Europolymer conference, Advanced polymeric

materials for the energy resources exploitation: Synthesis, Properties and Applications. Gargnano, Lake garda, Italy, 1-5 june 2008. P53. page 124 (Poster Presentation)

5. Nanocomposites Based on POSS and Me-POSS. O.Monticelli, A.Fina, P.Waghmare, **A.Ullah**, E.Zunino, F.Carniato, E.Boccaleri, S.Russo, *XVII Congresso Nazionale di Chimica Industriale. Energia, materiali e prodotti da tecnologie e processi eco-sostenibili, Genova, Italy, 30 giugno-3 luglio 2008, POL-P0.* (Poster presentation.)

6. Synthesis and Characterization of films based on Poly (styrene-co-maleic anhydride) (PSMA) and Amino POSS. Panjab Waghmare, **Aman Ullah**, *2° Forum Nazionale dei Giovani Ricercatori su Materiali Polimerici e Biomateriali, INSTM, Genova, Italy, 4-5 july 2008.* (Poster presentation.)

7. **Aman Ullah**, A. Khan & R. Ahmad “Proximate analysis of Celestite Ore of Daud Khel” “3rd International and 13th National Chemistry Conference” held at HEJ Research Institute of chemistry (International center for Chemical sciences), University of Karachi from 28th to 31st December 2002.

8. **Aman Ullah**, A. Khan & R. Ahmad “ pilot Scale production of Strontium Sulphate and Strontium Chloride from Indigenous Celestite ore”. 33rd A II Pakistan Science Conference held in U.A.F. from 25th to 28th December 2002.

9. Umar Rashid, Muhammad Asif Hanif, **Aman Ullah** and Muhammad Imran “Metabolism of aspirin in Healthy Males”. 10th International Symposium on Natural Product Chemistry 2006, Poster presentation (PO-159).

10. Zahid Hassan, Javid Hussain, Afsar Khan, Nasir Rasool, **Aman Ullah**, Aqib Zahoor, Athar Abbasi, Naseem Shahzad and Viqar Uddin Ahmad “Tenacetamide C: one new Ceramide from tanacetum artimisioides”. 10th International Symposium on Natural Product Chemistry 2006, Poster presentation (PO-071)

11. Naseem Shahzad, Muhammad Athar Abbasi, Muhammad Abid Rashid, Muhammad Zubair, Nasir Rasool, Zahid Hassan, **Aman Ullah**, Aqib Zahoor, Hina Siddiqui, M. Iqbal Chaudry and Viqar Uddin Ahmad “Antioxidant and α -Chymotrypsin Inhibiting Flavonoids from Clematis orientalis”. 10th International Symposium on Natural Product Chemistry 2006, Poster presentation (PO-179)

12. Nasir Rasool, Muhammad Athar Abbasi, Muhammad Abid Rashid, Muhammad Zubair, Asma Ejaz, Zahid Hassan, **Aman Ullah**, Naseem Shahzad, Aqib Zahoor, M. Iqbal Chaudry and Viqar Uddin Ahmad “Antioxidant Flavonoids from Pulicaria undulata”. 10th International Symposium on Natural Product Chemistry 2006, Poster presentation (PO-179).

PUBLICATIONS:

1. M. Aamir, **Aman Ullah**, A. Jabbar, A. A. Chattha, N. Tahir, H. Mahmood, T. M. Babar and H. N. Bhatti. 2004. Kinetics of Acetylsalicylic Acid In male volunteers after oral administration. *INT. J. BIOL. BIOTECH.*, 1(2): 313-317

2. A. Jabbar, M.H. Rashid, M.A. Malana, **Aman Ullah**, M. Saleem, M. Niaz and M.Z. Yasin. 2004. Immobilization of fungal carboxymethylcellulases by Gel entrapment and its impact on operational stability. *INT. J. BIOL. BIOTECH.*, 1(2): 233-237

3. A. Jabbar, M.H. Rashid, M.A. Malana, **Aman Ullah**, M. Saleem, M. Niaz and M.Z. Yasin. 2004. Kinetic and thermal stability of soluble and immobilized carboxymethylcellulases from *Arachniotus citrinus*. *INT. J. BIOL. BIOTECH.*, 1(2): 239-246

4. T. M. Babar, **Aman Ullah**, A. Jabbar, N. Tahir, H.Mahmood, M Aamir and R. Nawaz. 2004. Excretion of trimethoprim through urine of healthy males. *Int. J. Agri. & Biol.* 6(4): 620-623.
5. A. Jabbar, M.H. Rashid, M.A. Malana, **Aman Ullah**, M. Saleem, M. Niaz and M.Z. Yasin. 2004. Production, partial purification and proteolysis of Carboxymethylcellulases from *Arachniotus citrinus*. *Int. J. Agri. & Biol.* 6(4): 615-619.
6. A. Jabbar, M.Y. Ghafoor, M. Saleem, **Aman Ullah**, M.A. Malana, M. Niaz and M.H. Rashid 2004. Kinetics of Stability of Fungal Carboxymethylcellulases to Proteolytic nicking. *INT. J. BIOL. BIOTECH.*, 1(2): 319-323
7. U.Rashid, **Aman Ullah**, A. Jabbar, W. Azeem, H.Mahmood and S. Ahmad. 2004. Metabolism of aspirin in healthy males during winter. *Int. J. Agri. & Biol.* 6(5): 639-640
- 8.N. Tahir, **Aman Ullah**, A. Jabbar, A. A. Chattha, H. Mahmood, T. M. Babar & Ahmad. 2004. Pilot scale production of barium meal/ BaSO₄ from Indigenous barite ore. *Pak, J. Nat. Sci.* 2(1)35-40.
9. **Aman Ullah**, A. Jabbar, T.M. Babar, H. Mahmood, R. Ahmad and A. Khan. 2004. Proximate Analysis of Celestite Ore of Khairabad (Daud Khail) *Pak. J. Nat. Science.* 2(1): 67-74.
10. Nasir Rasool, Viqar uddin Ahmad, Naseem Shahzad, Muhammad Abid Rashid, **Aman Ullah**, Zahid Hassan, Muhammad Zubair, and Rasool Bakhsh Tareen. 2008. New ent-Kaurane type diterpene glycoside, Pulcaroside-B, from *Pulicaria undulata* L *Natural. Product Communications* 2(3): 141-144