

Dr. Naveed Muhammad

Personal Details	Father Name: Rozi Muhammad: Place of Birth: Swabi: Religion: Islam: N.I.C. #: 16202-0844307-3:	Date of birth: 10th April 1983; Domicile: Swabi (KPK); Nationality: Pakistani; Marital status: Married.
Objective	A Fulltime purposeful position in an organization that confederates opportunities of professional growth and performance improvements through training and challenging assignments.	
Education	PhD • A grade 2002-2006 B.Pharmacy. • A grade 2000-2001 F.Sc. • A grade 1999 SSC (Science) • A grade	University of Peshawar Pakistan Gomal University D.I.Khan Pakistan B.I.S.E. Peshawar KPK. Pakistan (Pre-Medical) B.I.S.E. Peshawar KPK .Pakistan
Work experience	<ul style="list-style-type: none">Currently working as Assistant Professor at Department of Pharmacy, Abdul Wali Khan University, Mardan, Pakistan.Worked as Asstt. Professor (IPFP) at Department of Pharmacy, Hazara University, Peshawar (April 2nd 2013 to Oct 30th 2013).Worked as Asstt. Professor at Gandhara College of Pharmacy, Gandhara University, Peshawar (Jun 2012- 30th march 2013).One year working as Clinical Pharmacist and PharmD coordinator in Post Graduate Medical Institute (PGMI) Peshawar (KPK) Pakistan under NIP (jun, 2009 – May, 2010)	

	<ul style="list-style-type: none"> One year teaching in Islamia paramedical institute swabi (Jan 2007-2008) Six weeks training in Macter Pharmaceutical Karachi. (2006)
Computer Knowledge	Proficiency in packages like <ul style="list-style-type: none"> Graphpad prism DNP operations ChemBioDraw Endnote
Linguistic Abilities	<ul style="list-style-type: none"> Good oral & written communication skills in languages like English, Urdu, & Pashto.
Research Topics	<ol style="list-style-type: none"> Biological Screening and Molecular Profiling of <i>Viola betonicifolia</i> Analysis of Toxic Heavy Metals in branded Pakistani herbal products.
Publications	<ol style="list-style-type: none"> Muhammad N, Saeed M, Adhikari A, Khan KM, Khan H. Isolation of a new bioactive cinnamic acid derivative from the whole plant of <i>Viola betonicifolia</i>. Journal of Enzyme Inhibition and Medicinal Chemistry 2012. Impact factor: 1.67 Muhammad N, Saeed M, Khan H, Haq I. Evaluation of n-hexane extract of <i>Viola betonicifolia</i> for its neuropharmacological properties. J Nat Med. 2013, 67, 1-8. Impact factor: 1.38 Muhammad N, Saeed M and Khan H. Antipyretic, analgesic and anti-inflammatory activity of <i>Viola betonicifolia</i> whole plant. BMC complementary and alternative medicines. 2012, 12:59 DOI:10.1186/1472-6882-12-59. Impact factor: 2.40. Muhammad N, Saeed M, Khan H, Sohail Hassan and Farah Gul. Evaluation of <i>Viola Betonicifolia</i> for their nutrition value. Pakistan journal of pharmaceutical Sciences. 25, No.3, July 2012, pp.639-644. Impact factor: 1.103 Muhammad N, Rehman N, Khan H, Saeed M and Gilani AH. Prokinetic and laxative effects of the crude methanolic extract of <i>Viola betonicifolia</i> whole plant in rodents. BMC Complementary and

	<p>Alternative Medicine 2013, 13:70 doi:10.1186/1472-6882-13-70.</p> <p>Impact factor: 2.40.</p> <p>6. Muhammad N, Saeed M (2011) Biological screening of <i>Viola betonicifolia</i> Smith whole plant. African Journal of Pharmacy and Pharmacology 5:2323-2329. Impact factor: 0.83</p> <p>7. Muhammad N, Saeed M, Barkatullah, Ibrar M and Khan H. Pharmacognostic studies of <i>Viola betonicifolia</i>. African Journal of Pharmacy and Pharmacology. 6(1), pp. 43-47, 8, 2012. Impact factor: 0.83</p> <p>8. Muhammad N, Saeed M, Khan H, Qayum M, Barkatullah and Badshah A. Evaluation of <i>Viola betonicifolia</i> for anthelmentic activities. African Journal of Pharmacy and Pharmacology. 6(10), pp. 698-701, 2012. Impact factor: 0.83</p> <p>9. Muhammad N, Saeed M, Khan H. Ethnomedicinal, phytochemical and pharmacological profile of genus <i>Viola</i>. Phytopharmacology 2012, 2012, 3(1) 214-226.</p> <p>10. Muhammad N, Zaman S, Rahman S, Khan S, and Ali Q. Need of clinical Pharmacist for rationalization of prescription. International research journal of pharmacy. 2012 3(2), 84 – 86.</p> <p>11. Muhammad N, Saeed M, Shah WA, Ali and Khan H. Analysis of arsenic in Pakistani herbal medicines using atomic absorption spectrometer equipped with MHS-10 flow injection system. Journal of Medicinal Plants Research. 6(45), 5684-5687, 2012. Impact factor; 0.83.</p> <p>12. Muhammad, N., M. Saeed, H. Khan, N. Raziq, and S. M. A. Halimi. 2012. Antipyretic and anticonvulsant activity of n-hexane fraction of <i>Viola betonicifolia</i>. Asian Pacific Journal of Tropical Biomedicine. 2013; 3(4):280-283</p> <p>13. Muhammad, N., Barkatullah, M. Ibrar, H. Khan, M. Saeed, A. Z. Khan, and W. A. Kaleem. In vivo screening of essential oils of <i>Skimmia laureola</i> leaves for antinociceptive and antipyretic activity. Asian Pacific Journal of Tropical Biomedicine. 2013; 3(3): 202-206.</p> <p>14. Muhammad, N., Saeed, M., Khan, Ikramul Haq. Analgesic and anti-inflammatory profile of <i>Viola betonicifolia</i> whole plant. Tropical Journal of Pharmaceutical Sciences. 2012. 12 (6):963-969. Impact factor; 0.82.</p> <p>15. Muhammad N, Saeed M, Khan H, Adhikari A and Khan KM. Muscle relaxant and sedative-hypnotic activity of extract of <i>Viola betonicifolia</i> in animal models supported by its isolated compound, 4-hydroxy coumarin. Journal of Chemistry. doi.org/10.1155/2013/326263. Impact factor. 0.484.</p> <p>16. Muhammad N, Saeed M, Qayum M, Zia-Ul-Haq M, and Khan H.</p>
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2013. Antimicrobial Screening of *Viola betonicifolia*. Middle-East Journal of Scientific Research 15 (1):55-60. **HEC Recognized.**
17. Saeed M, Khan H, Khan MA, Simjee SU, **Muhammad, N** and Saeed Ahmad Khan, Phytotoxic, insecticidal and leishmanicidal activities of aerial parts of *Polygonatum verticillatum*. African Journal of Biotechnology, 9 (8), 1241-1244. 2010.
18. Barkatullah, Ibrar M and **Muhammad, N**. (2011) 'Evaluation of *Zanthoxylum armatum* DC for in-vitro and in-vivo pharmacological screening', African Journal of Pharmacy and Pharmacology, 5(14), 1718-1723. **Impact factor: 0.83**
19. Barkatullah, Ibra M, **Muhammad N** and Tahir L. Antimicrobial evaluation, determination of total phenolic and flavoniod contents in *Zanthoxylum armatum* DC. Journal of Medicinal Plants Research Vol. 6(11), pp. 2105-2110, 2012. **Impact factor; 0.83**
20. Barkatulluah, Ibrar M, Niaz Ali, **Muhammad N**. Analgesic and GIT motility profile of *Viola canescens*. African Journal of Pharmacy and Pharmacology. Vol. 6(15), pp. 1142 - 1146, 22 April, 2012 **Impact factor: 0.83**
21. Ghiasuddin, Alam M, **Muhammad N**. Evaluation of *Viburnum grandiflorum* for its in-vitro pharmacological screening. African Journal of Pharmacy and Pharmacology Vol. 6(22), pp. 1606-1610,2012. **Impact factor; 0.83**
22. Khan H, Saeed M, **Muhammad N** et al. Antipyretic and anticonvulsant activity of *Polygonatum verticillatum*: comparison of rhizomes and aerial parts. Phytotherapy Research.2012, DOI: 10.1002/ptr.4721. **Impact factor: 2.08**
23. Khan H, Saeed M, **Muhammad N**, Ghaffar R, Khan SA and Hassan S. Antimicrobial activities of rhizomes of *Polygonatum verticillatum*: Attributed to its total flavonoidal and phenolic contents. Pakistan Journal of Pharmaceutical Sciences. 2012 ,25 (2) pp.463-467. **Impact factor: 1.103**
24. Khan H, Saeed M, **Muhammad N**. Pharmacological and phytochemical updates of genus *Polygonatum*. Phytopharmacology 2012, 3(2) 286-308.
25. Khan A, Iqbal Z, Watson DG, Khan I, **Muhammad N**, Muhammad S, Nasib HA, Iqbal N, Kashif M (2011) Simultaneous Determination of Lipoic Acid (LA) and Dihydrolipoic Acid (DHLA) in human plasma using high-performance liquid chromatography coupled with electrochemical detection. Journal of Chromatography B. **Impact factor: 2.88**
26. Khan H, Khan MA, **Muhammad N**, Ashraf A, Gul F, Tariq S: Antiinflammatory and antioxidant activity of Joshanda partially

	<p>mediated through inhibition of lipoxygenase. <i>Phytopharmacology</i> 2012, 3(1):19-28.</p> <p>27. Khan H, Saeed M, Khan MA, Khan I, Ahmad M, Muhammad N, Khan A (2011) Antimalarial and free radical scavenging activities of rhizomes of <i>Polygonatumverticillatum</i> supported by isolated metabolites. <i>Medicinal Chemistry Research</i> DOI10.1007/s00044-011-9637-x:1-5. Impact factor: 1.27</p> <p>28. Khan MA, Saeed M, Badshah A, Muhammad N, Khan J, Khan FA, Khan H, ur Rahman S (2011) Design, formulation, optimization and evaluation of sustained release tablets of domperidone. <i>African Journal of Pharmacy and Pharmacology</i> 5:1882-1887. Impact factor: 0.83</p> <p>29. Khuda F, Iqbal Z, Zakiullah, Khan A, Nasir F, Muhammad N, Khan JA, K. MS, and 2012. Metal analysis, phytotoxic, insecticidal and cytotoxic activities of selected medicinal plants of Khyber Pakhtunkhwa. <i>Pak. J. Pharm. Sci</i> 25:51-58. Impact factor: 1.103</p> <p>30. Muhammad Ibrar, Muhammad N, Barkatullah, Khan H. Antinociceptive and anticonvulsant activities of essential oils of <i>Zanthoxylum armatum</i>. <i>Phytopharmacology</i> 2012, 3(1) 191-198.</p> <p>31. Ismail M, Rahman S, Muhammad N, Mohani N, Khan MA, Barkatullah and Hussain J (2011) Pharmacognostic and phytochemical investigation of the stem bark of <i>Pistacia integerrima</i> Stew ex Brandis. <i>Journal of Medicinal Plants Research</i> Vol. 5(16), pp. 3891-3895. Impact factor; 0.83</p> <p>32. Rahman S, Imran M, Muhammad N, Hassan N, Chisthi A, Khan A, Sadozai K, Khan S (2011) Antibacterial screening of leaves and stem of <i>Carica papaya</i>. <i>Journal of Medicinal Plants Research</i> 5:5167-5171. Impact factor; 0.83</p> <p>33. Rahman, S., Ismail, M., Muhammad, N., Ali, F., Chisthi, A. and Imran, M. (2011) 'Evaluation of the stem bark of <i>Pistacia integerrima</i> Stew ex Brandis for its antimicrobial and phytotoxic activities', <i>African Journal of Pharmacy and Pharmacology</i>, 5(8), 1170-1174. Impact factor: 0.83</p> <p>34. Raziq, N., Muhammad, N., Chishti, K. A., Saeed, M., Rahman, S. and Khan, H. (2011) 'Correlation of the antioxidant capacity with the phenolic contents of <i>Hypericum monogynum</i> and <i>Hypericum perforatum</i>', <i>African Journal of Pharmacy and Pharmacology</i>, 5(16), 1872-1876. Impact factor: 0.83</p> <p>35. Saeed M, Muhammad, N, Khan H and Khan SA, Analysis of Toxic heavy metals in branded Pakistani herbal products. <i>Journal of Chemical Society of Pakistan</i>. 32, 471-475. 2010. Impact factor: 1.03</p> <p>36. Saeed, M., Khan, H., Khan, M. A., Khan, F., Khan, S. A. and Muhammad, N. (2010) 'Quantification of various Metals and</p>
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	<p>cytotoxic profile of aerial parts of <i>Polygonatum verticillatum</i>', Pak. J. Bot, 42(6), 3995-4002. Impact factor: 0.83</p> <p>37. Saeed, M., Muhammad, N. and Khan, H. (2011) 'Assessment of Heavy Metal Content of Branded Pakistani Herbal Products', Tropical Journal of Pharmaceutical Research, 10(4), 499-506. Impact factor: 0.82</p> <p>38. Rahmania S, Ismail M, Abbasa M, Muhammad N. Study of antipyretic activity of <i>Pistacia integerrima</i> Stewart ex Brandis bark in Balb-C mice. Journal of Pharmacy Research 2011,4(12),4411-4412.</p> <p>39. Zakiullah, Saeed, M., Muhammad, N., Khan, S. A., Gul, F., Khuda, F., Hamuyun, M. and Khan, H. (2011) 'Assessment of potential toxicity of a smokeless tobacco product (naswar) available on the Pakistani market', Tobacco Control 1(4):396-401. Impact factor: 3.07.</p> <p>40. Khan H, Khan MA, Tariq SA, Saeed M, Muhammad N, Gul F, and Inayat H. Analysis of Metal Content of Samples of Gloriosa Superba L (Colchicaceae) Collected from Two Different Locations in Pakistan. Tropical Journal of Pharmaceutical Research. 2012; 13 (4): 631-636. Impact factor: 0.82.</p> <p>41. Khan H, Saeed M, Muhammad N, Khan F, Ibrar M, Shah WA. Comprehensive nutritious analysis of rhizomes of <i>polygonatum verticillatum</i>". Pakistan Journal of Pharmaceutical Sciences. .25, No.4, October 2012, pp.871-875 Impact factor; 1.103.</p> <p>42. Khan H, Saeed M and Muhammad N. Isolation of long chain esters from the rhizome of <i>Polygonatum verticillatum</i> with potent tyrosinase inhibition. Medicinal chemistry Research. 2013.22:2088–2092. Impact factor; 1.04.</p> <p>43. Sara S, Ibrar M., Barkatullah, Muhammad N and Ehsan M. Analgesic and gastrointestinal motility profile of essential oil from <i>Myrtus communis</i> leaves. <i>Phytopharmacology</i> 2012, 4(1), 81-86.</p> <p>44. Khan H, Saeed M, Gilani AH, Mehmood MH, Rehman N, Muhammad N, Abbas M, Haq I: Bronchodilator Activity of Aerial Parts of <i>Polygonatum verticillatum</i> Augmented by Anti-inflammatory Activity: Attenuation of Ca²⁺ Channels and Lipoxygenase. <i>Phytotherapy Research</i> 2012, DOI: 10.1002/ptr.4860. Impact factor; 2.04.</p> <p>45. Rauf A, Muhammad N, Khan J, Uddin G, Atif M, Barkatullah: Antibacterial and Phytotoxic Profile of Selected Pakistani Medicinal Plants. <i>World Applied Sciences Journal</i> 2012, 20(4):540-544. HEC Recognized.</p> <p>46. Ibrar M, Muhammad N, Shah W and Barkatullah. Evaluation of trace and toxic heavy metals in selected crude drugs used in <i>Khyber Pukhtunkhawa</i>, Pakistan. <i>Pak. J. Bot.</i>, 2013, 45(1): 141-144. Impact</p>
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	<p>factor; 0.83</p> <p>47. Sarwar SM, Ibrar M, Barkatullah, Muhammad N, Siraj-ud-din and Rauf A. Evaluation of Crude Ethanolic Extract of <i>Qurcus incana</i> Fruit for Analgesic and Gastrointestinal Motility Profile. Middle-East Journal of Scientific Research 13 (4): 455-458, 2013. HEC Recognized.</p> <p>48. Tariq SA, Khan H, Muhammad N, Khan AM, Ashhad H. Inhibition of erythrocytic acetylcholinesterase by Ampicillin and Cephalexin: Possible role of uncompetitive inhibition. Molecular & Clinical Pharmacology 2013, 4(1), 38-43.</p> <p>49. Yaseen T, Ibrar M, Barkatullah and Muhammad N. Antinociceptive and laxative profile of <i>Withania coagulans</i> leaves Medicinal Chemistry & Drug Discovery 2013, 4(1), 41-46.</p> <p>50. Khan H, Saeed M, Muhammad N, Tariq SA, Ghaffar R and Gul F. Antimalarial and free radical scavenging activities of aerial parts of <i>Polygonatum verticillatum</i> and identification of chemical constituents by GC-MS. Pakistan Journal of Botany, 45(2): 497-500, 2013.</p> <p>51. Khan H, Saeed M, Muhammad N, Tariq SA, Ghaffar R, Gul F and Raziq N. Lipoxygenase and urease inhibition of the aerial parts of the <i>Polygonatum verticillatum</i>. 2013: Toxicology and Industrial Health. DOI:10.1177/0748233713483197. Impact factor; 1.43</p> <p>52. Tariq SA, Khan H and Muhammad N. Attenuation of erythrocytic acetylcholinesterase by antidepressants: Evidence in an in vitro experiment. Toxicology and Industrial Health. 2013. Impact factor; 1.43</p> <p>53. Barkatullah, Ibrar M, Ali N, Muhammad N, Rehmanullah. Antispasmodic potential of leaves, barks and fruits of <i>Zanthoxylum armatum</i> DC. African Journal of Pharmacy and Pharmacology.7(13), pp. 685-693, 2013. Impact factor; 0.83</p> <p>54. Ullah S, Ibrar M, Barkatullah, Muhammad N, Roohullah. Pharmacognostic, larvicidal and phytotoxic profile of <i>Coleus forskohlii</i> and <i>Rosmarinus officinalis</i>. Journal of Pharmacognosy and Phytotherapy. 5(4), pp. 59-63, 2013.</p> <p>55. Rauf A, Uddin G, Arfan M, Muhammad N. Chemical composition and biological screening of essential oils from <i>Pistacia integerrima</i>. African Journal of Pharmacy and Pharmacology 7(20), pp. 1220-1224, 2013. Impact factor; 0.83</p> <p>56. Barkatullah, Ibrar M, Muhammad N and Rauf A. Antipyretic and Antinociceptive Profile of Leaves of <i>Skimmia laureola</i>. Middle-East Journal of Scientific Research 14 (8): 1124-1128, 2013. HEC Recognized.</p> <p>57. Khan H, Saeed M, Malik Hassan Mehmood, Najeeb-ur- Rehman,</p>
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	<p>Muhammad N, Ikram-ul- Haq, Nadeem Ashraf, Kamal Eldin H El-Tahir and Anwarul H Gilani. Studies on Tracheorelaxant and Anti-inflammatory Activities of Rhizomes of <i>Polygonatum verticillatum</i>. BMC. Complementary and alternative medicines. Impact factor. 2.40.</p> <p>58. Khan A, Usman R, Rauf R, Wang ML, Muhammad N, Aman A, Tahir THM. In vitro biological screening of the stem of <i>Desmodium elegans</i>. Asian Pacific Journal of Tropical Biomedicine. 2013; 3(9): 711-715.</p> <p>59. Kaleem WA, Muhammad N, Qayum M, Khan H, Khan A, Aliberti L, Feo DV. Antinociceptive activity of cyclopeptide alkaloids isolated from <i>Ziziphus oxyphylla</i> Edgew. (Rhamnaceae). Fitoterapia (2013), http://dx.doi.org/10.1016/j.fitote.2013.08.024. Impact factor; 2.231</p> <p>60. Khan H, Saeed M, Muhammad N, Rauf A, Khan AZ and Rooh Ullah. Antioxidant profile of constituents isolated from <i>Polygonatum verticillatum</i> rhizomes.. Toxicology and Industrial Health. DOI:10.1177/0748233713498454. Impact factor; 1.43</p> <p>61. Barkatullah, Ibrar M, Muhammad N, Ur- Rehman I, Rehman MU. (2013) Chemical Composition and Biological Screening of Essential Oils of <i>Zanthoxylum armatum</i> DC Leaves. J Clin Toxicol 3: 172. doi:10.4172/2161-0495.1000172.</p> <p>62. Rauf A, Khan R and Muhammad N. Antioxidant studies of various solvent fractions and chemical constituents of <i>Potentilla evestita</i> Th. Wolf. African Journal of Pharmacy and Pharmacology. Vol. 7(40), pp. 2710-2713, 29 October, 2013.</p> <p>63. Rauf A, Muhammad N, Barkatullah, Khan H, Abbas HF et al (2013) Antinociceptive, Sedative and Muscle Relaxants Activity of <i>Caralluma tuberculata</i> N E Brown. Orthop Muscul Syst 2: 131. doi:10.4172/2161-0533.1000131</p> <p>64. Khan H, Saeed M, Muhammad N. Phytochemical analysis, antibacterial, and antifungal assessment of aerial parts of <i>Polygonatum</i>" in "Toxicol Indus Health". DOI:10.1177/0748233713512362 (Impact factor 1.55).</p>
Accepted papers	<ol style="list-style-type: none"> 1. Muhammad N. et al. Behavioral Properties of Essential Oils of <i>Zanthoxylum armatum</i> Leaves: Augmented by Chemical Profile using GC/GC-MS". Journal of Chemical Society of Pakistan Volume 36, No. 3, 2014. Impact factor; 1.37. 2. GhiasUddin, Abdur Rauf, Abdul Latif and Naveed Muhammad. A novel antimicrobial and antioxidant pistagremic acid, isolated from <i>pistacia integerrima</i> stewart. Chemistry of Natural Compounds. Impact factor; 0.52.
Editorial board	<ol style="list-style-type: none"> 1. International Journal of Pharmacy and Pharmaceutical Sciences.

member	India 2. Journal of Pharmacognosy and Phytotherapy. Nigeria 3. Asian Pacific Journal of Tropical Biomedicines. China 4. British Journal of Health and Medicines. UK 5. Journal of Pharmacy Research. India 6. Middle East Journal of Medicinal Plants Research. Egypt 7. Elite Research Journal Medicine and Medical Sciences. Nigeria												
References	1. Prof. Dr. Muhammad Saeed Department of Pharmacy, University of Peshawar. saeedrph2000@yahoo.com 2. Prof. Dr. Zafer Iqbal Chairman, Department of Pharmacy, University of Peshawar. zafar_iqbal@upesh.edu.pk 3. Prof. Dr. Fazal Subhan Department of Pharmacy, University of Peshawar. fsubhan2000@yahoo.com												
Google scholar citations	Citation indices <table border="1"> <thead> <tr> <th></th> <th>All</th> <th>Since 2008</th> </tr> </thead> <tbody> <tr> <td>Citations</td> <td>404</td> <td>402</td> </tr> <tr> <td>h-index</td> <td>12</td> <td>12</td> </tr> <tr> <td>i10-index</td> <td>15</td> <td>15</td> </tr> </tbody> </table>		All	Since 2008	Citations	404	402	h-index	12	12	i10-index	15	15
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