

Dr. Muhammad Bilal



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Marital Status Single
Nationality Pakistani
Gender Male
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Current Address: First Department of Internal Medicine, Graduate School of Medicine and Pharmaceutical Sciences, University Of Toyama, Japan.
2630-Sugitani Toyama-Shi, Toyama, Japan.

Educational Carrier:

Degree	Passing Year	Institution	% age	Division
Ph.D Scholar Medicine 1	2018~	University of Toyama, Japan		
M.Phil (Phytomedicine)	2014-2016	The Islamia University of Bahawalpur	3.84 CGPA	1 st
BEMS	2008-2014	The Islamia University Of Bahawalpur	63.6%	1 st
Higher Secondary School/F.Sc.	2005-2007	Govt. Inter. College for Boys Kot Radha Kishan (Kasur) BISE Lahore	67.6%	1 st
SSC	2005	Govt. High School for Boys Chak No. 17 BISE Lahore	65.88%	1 st

PhD Research :

“The fate of adipocyte progenitors during adipogenesis.”

M.phil Research Project:

“Development of herbal formulation of medicinal plants and determination of its antihyperuricemic potential in vitro and in vivo rat's model”

Experience:

Research Assistant April 2018 to till to date.

- First Department of Internal Medicine, University of Toyama, Japan.

Teaching Assistant April 2018 to till to date.

- First Department of Internal Medicine, University of Toyama, Japan
- **Medical Officer Aug, 2017 to Feb, 2018.**
- Medical & Health Division, The Islamia University of Bahawalpur, Pakistan.

2014-2016 & Oct, 2017 Feb, 2018.

- Worked as part time lecturer at The Islamia University of Bahawalpur, Pakistan.

Dec 2013- Dec 2014

- One year Clinical experience/House job at Bahawal Victoria Hospital, Bahawalpur, Pakistan.

Professional Skills:

ELISA for Enzyme assay, Rotary Evaporator, Micro LAB 300 for Diagnostic tests, Lyophilization, Dissolution Apparatus (Pharma Test, Germany), UV Spectrophotometer, Antioxidant, Antibacterial & Antifungal activities, Animals handling like measurement temperature, collection of blood sample, urine sample, dissection of animals.

Publications:

- **Bilal M**, Ahmad S, Rehman T, Abbasi W. M, Ghauri A.O, Arshad A, Ayaz S, Nawaz A. "Development of Herbal formulation of medicinal plants and determination of its antihyperuricemic potential in vitro and in vivo rat's model" Pak. J. Pharm. Sci., Vol.33, No.2, March 2020, pp.641-649
doi.org/10.36721/PJPS.2020.33.2.REG.641-649.1
- Ghauri A.O, Ahmad S, Rehman T, **Bilal M**, Arshad M. A, Abbasi W. M, Chishti M. A. "Hypoglycemic and hypolipidemic effects of a poly herbal formulation in streptozotocin induced diabetic rats" in *Indian Journal of Traditional knowledge IJTK* Vol.19(1) January 2020 **pp** 137-144
- Nawaz A, Nakagawa T, Yagi K, Fujisaka S, Okabe K, Kado T, Liu J, **Bilal M**, Tobe K. Partial Depletion of CD206 M2-Like Macrophages Enhances Preadipocyte Differentiation via Reduction of Wnt Signaling. *Diabetes* 2019 Jun; 68(1): <https://doi.org/10.2337/db19-188-OR>
- **Bilal M**, Ahmad S, Rehman T, Abbasi W. M, Ghauri A.O, Arshad M. A. "Effects of *Trachyspermum ammi* L. (Apiaceae) on serum, urine and hepatic uric acid levels in oxonate-induced rats and in vitro xanthine oxidase inhibition assay" *Indian journal of Traditional knowledge* Vol.(18) Jan. 2019 pp 52-57.
- Rehman T, Ahmad S, Abbasi W. M, Ghauri A.O, Akhtar k, **Bilal M**, Shafique S, Arshad M. A. Evaluation of antipyretic effect of Ultrahigh dilutions of *Baptisia tinctoria* in comparison with paracetamol" in *RADS Journal of Pharmacy and Pharmaceutical Sciences*, 7, 68-72. 2019.
- Igarashi Y, Nawaz A, Kado T, **Bilal M**, Kuwano T, Yamamoto S, Sasahara M, Jiuxiang X, Inujima A, Koizumi K, Imura J, Shibahara N, Usui I, Fujisaka S, Tobe K. "Partial depletion of CD206-positive M2-like macrophages induces proliferation

of beige progenitors and enhances browning after cold stimulation”. Sci Rep. 2018 Oct 1;8(1):14567.

- Ghauri A.O, Ahmad S, Rehman T, Abbasi W. M, **Bilal M**, Arshad A. “Screening of Biological Activities of Some Leguminosae (Fabaceae) Family Plants”. RADS J. Pharm. Pharm. Sci. 2018; 6(2): 132-137.
- Rehman T, Ahmad S, Abbasi W. M, Ahmad A, **Bilal M**, Zaman M. M, Ghauri A.O, Arshad A, Akhtar A. "Evaluation Of Antibacterial And Carbonic Anhydrase Inhibitory Potential Of Methanolic Extract Of Nardostachys Jatamansi (D. Don) Dc Rhizomes." Acta polonea Pharmaceutica 74(5) pp. 1471-1476, 2017.

Conferences:

- Nawaz A, Igarashi Y, Kado T, **Bilal M**, Liu J, Takikawa A, Okabe K, Nakagawa T, Yagi K, Fujisaka S, Tobe K. CD206 M2-like macrophages and adipose tissue inflammation. Symposium JDS 2019.
- Nawaz A, Kado T, Igarashi Y, **Bilal M**, Okabe K, Yagi K, Fujisaka S, Nakagawa T, Tobe K. Depletion of CD206 M2 macrophage enhances proliferation of white and beige progenitors and improves insulin sensitivity.
- 渡邊善之、藤坂志帆、Allah Nawaz、岡部圭介、五十嵐喜子、角朝信、西村歩、桑野剛英、劉建輝、**Muhammad Bilal**、薄井勲、瀧川章子、朴木久恵、八木邦公、戸邊一之。 CD206 陽性 M2 マクロファージ除去は肝線維化を改善する。 in JDS 2019
- 劉建輝、八木邦公、渡邊善之、藤坂志帆、Allah Nawaz、岡部圭介、五十嵐喜子、角朝信、**Bilal Muhammad**、桑野剛英、西村歩、瀧川章子、朴木久恵、薄井勲、戸邊一之。肥満心筋症の病態形成におけるマクロファージの関与についての検討 in JDS 2019.
- 角朝信, Allah Nawaz, 瀧川章子, 岡部圭介, 西村歩, 渡邊善之, 桑野剛英, 劉建輝, **Bilal M**, 五十嵐喜子, 藤坂志帆, 八木邦公, 薄井勲, 戸邊一之。高脂肪食による発癌促進と T 細胞疲弊の関連。
- One Day Seminar on “Economy Based Innovation in Eastern Medicine” held on 19th December 2017, organized by University college of Conventional Medicine, The Islamia University of Bahawalpur, in collaboration with BEMS Medical Association Pakistan.
- One Day 2nd International Seminar on “Strengthening Health Care with Eastern Medicine for Growth and Development of Socio Economic Environment” held on 2 May 2017, Organized By BEMS MEDICAL ASSOCIATION PAKISTAN in Collaboration with Department of Environmental Science Faculty of Basic & Applied Sciences, Islamic International University, Islamabad.
- One day Seminar on “Industrial Linkage and Eastern Medicine for the Better Promise of Tomorrow” held on 19 May, 2016. Organized by Department of Eastern Medicine, Directorate of Medical Sciences, Government College University Faisalabad.
- Two days National Conference on “Research and Education of Eastern Medicine in Pakistan; Future Prospects & Challenges” held on October 09th -10th, 2013. Organized by Faculty of Medical & Health Sciences, The University of Poonch Rawalakot, AJ&K in collaboration with HEC, Pakistan.

- One day 2nd National Conference of “Scope and Development of Homeopathy in Pakistan” held on 1st June, 2013. Organized by University College Conventional Medicine, The Islamia University of Bahawalpur, Pakistan.
- Two day 2nd National Conference on “ Future Prospects & Challenges for Natural Medicine in Pakistan” held on May 03-04, 2013. Organized by University College Conventional Medicine in Collaboration with Higher Education Commission, Pakistan.