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Department of Pharmacology & Toxicology, College of Pharmacy,

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PRESENT POSITION:

Assistant Professor, Department of Pharmacology & Toxicology, College of Pharmacy, Umm Al-Qura university, Makkah, Kingdom of Saudi Arabia

JOB EXPERIENCE:

Assistant Professor: 2012.10-Present

Department of Pharmacology & Toxicology, College of Pharmacy, Umm Al-Qura university, Makkah, Kingdom of Saudi Arabia

Postdoctoral Research Fellow: 2012.03- 2012.06

Lab of cancer biology, Department of Pharmacy, Pusan National University, Busan, South Korea.

EDUCATION:

Ph.D. in pharmacy (Pharmacology): 2006.9- 2012.02

Pusan National University, Busan, South Korea.

M.S. in pharmacy (Toxicology): 2004.09-2006.08

Pusan National University, Busan, South Korea.

B.Pharm. (Bachelor of Pharmacy): 1998.01-2001.12

University of Science & Technology Chittagong (USTC), Chittagong, Bangladesh.

RESEARCH APPOINTMENTS:

- 2004.09-2006.08: Research Assistant, Pusan National University, Lab of toxicology, Department of manufacturing pharmacy, Busan, South Korea. (Advisor: Prof. Moon Jeon-Ok, Ph.D.)

- 2006.09-2012.02: Research Assistant, Pusan National University, Lab of cancer biology, Department of pharmacy, Busan, South Korea. (Advisor: Prof. Kim Nam Deuk, Ph.D.)
- 2012.03-2012.06: Postdoctoral Research Fellow, Lab of cancer biology, Department of pharmacy, Busan, South Korea.

RESEARCH INTEREST:

To develop anticancer agents (natural or synthetic) and learn the mechanism of actions and signaling pathways involve through *in vitro* and *in vivo* studies.

ONGOING PROJECTS:

- **13-MED-873-10, NSTIP, KACST-2 million SAR**
 - Treatment of breast cancer and/or colon cancer using novel compounds that target multi-tyrosine kinase pathways. **(CO I).**
- Design, synthesis and biological evaluation of tylophorinidine prodrugs as targeted anti-cancer treatment. Project code: 13-MED-944-10. (CO-I)-KACST-2 million SAR
- Improving the use of anticoagulants by carrying out interventional studies on ICU/CCU patients. Project code: 43410016.-ISR

LABORATORY EXPERIENCE:

1. Animal care: Mouse including nude mice, Rats
2. In vivo treatment of drugs in mouse and rats (IP and Oral)
3. Induction of hepatic fibrosis in animal model
4. Formulation of different dosage form like tablet, capsule, syrup, suspension, Cream, Ointment, Lotion etc.
5. Western blot, DNA fragmentation assay, Flow cytometric analysis, RT-PCR, MTT assay, Trypan blue assay, Hoechst staining, ROS activity, Caspase activity, Use hypoxic chamber & Different microscopic analysis.
6. Maintenance and treatment of different cell lines.

INDUSTIAL EXPERIENCE:

- 2003.05: Trainee, Novartis (Bangladesh) Limited, Dhaka, Bangladesh
- 2003.06-2004.08: Production Pharmacist, Amico Laboratories Limited, Dhaka, Bangladesh,

SCHOLARSHIPS:

- Korean Research Foundation (KRF) scholarship (2006.09-2009.08)
- Brain Korea 21 (BK21) Program scholarship (2006.09-2009.08)
- Molecular Inflammation Research Center for Aging Intervention (MRCA) scholarship (2009.09-2012.02)
- Pusan National University tuition waiver scholarship (2004.09-2009.02)

MEMBERSHIP IN SCIENTIFIC AND PROFESSIONAL SOCIETIES:

- Bangladesh Pharmacy council (BPC), A-grade pharmacist, License No. A-2273
- The Pharmaceutical Society of Korea (PSK)
- American Association for Cancer Research (AACR)
- Korean Society for Biochemistry and Molecular Biology (KSBMB)
- The Korean Society for Gerontology

VOLUNTEER EXPERIENCE:

- Volunteered at international convention of the pharmaceutical society of Korea to arrange a successful conference for several years.
- Volunteered at the 21st international conference of the Korean society for gerontology 2011.

PERSONAL:

Permanent add: Meherun villa, Nurbug bridge, Pagla, Narayangonj, Bangladesh

Date of birth : January 01, 1980.

Marital status : Married, 3 children

Religion : Islam

Citizenship : Bangladesh

Others : Non-smokers

PUBLICATIONS:

1. **Mohammah akbar hossain et al.** A Retrospective Audit Assessing the Medication Errors during Anticoagulant Therapy in a Tertiary Care Hospital in Makkah, Saudi Arabia. Archives of pharmacy practice-accepted (Will be available online on January 17, 2017)
2. Kim JA, Kim DH, **Mohammad Akbar Hossain**, Kim MY, Sung B, Yoon JH, Suh H, Jeong TC, Chung HY and Kim ND: HS-1793, a resveratrol analogue, induces cell cycle arrest and apoptotic cell death in human breast cancer cells. Int J Oncol. 2014, 44:473-480.
3. Kim MK, Kang YJ, KIM DH, **Mohammad Akbar Hossain**, Jang JY, Lee SH, Yoon JH, Chun PS, Moon HR, Kim HS, Chung HY and Kim ND: A novel hydroxamic acid derivative, MHY218, induces apoptosis and cell cycle arrest through downregulation of NF- κ B in HCT116 human colon cancer cells. Int J Oncol. 2014, 44: 256-264.
4. Kim DH, **Mohammad Akbar Hossain**, Kim MY, Kim JA, Yoon JH, Suh HS, Kim GY, Choi YH, Chung HY and Kim ND: A novel resveratrol analogue, HS-1793, inhibits hypoxia-induced HIF-1 α and VEGF expression, and migration in human prostate cancer cells. Int J Oncol. 2013, 43: 1915-1924.
5. Kim DH, **Mohammad Akbar Hossain**, Kang YJ, Jang JY, Lee YJ, Im E, Yoon JH, Kim HS, Chung HY, Kim ND: Baicalein, an active component of *Scutellaria baicalensis* Georgi, induces apoptosis in human colon cancer cells and prevents AOM/DSS-induced colon cancer in mice. Int J Oncol. 2013, 43 (5): 1652-1658.
6. Hwang HJ, Kang YJ, **Mohammad Akbar Hossain**, Kim DH, Jang JY, Lee SH, Yoon JH, Moon HR, Kim HS, Chung HY, Kim ND: Novel dihydrobenzofuro[4,5-b][1,8]naphthyridin-6-one derivative, MHY-449, induces apoptosis and cell cycle arrest in HCT116 human colon cancer cells. Int J Oncol 2012, 41 (6): 2057-2064.
7. **Mohammad Akbar Hossain**, Kim DH, Jang JY, Kang YJ, Yoon JH, Moon JO, Chung HY, Kim GY, Choi YH, Copple BL and Kim ND: Aspirin induces

apoptosis *in vitro* and inhibits tumor growth of human hepatocellular carcinoma cells in nude mice xenograft model. *Int J Oncol* 2012, 40 (4):1298-1304.

8. **Mohammad Akbar Hossain**, Kim DH, Jang JY, Kang YJ, Yoon JH, Moon JO, Chung HY, Kim GY, Choi YH, Copple BL and Kim ND: Aspirin enhances doxorubicin-induced apoptosis and reduces tumor growth in human hepatocellular carcinoma cells *in vitro* and *in vivo*. *Int J Oncol*, 2012, 40 (5):1636-1642.
9. Kim ND, Lee KM, Choi HJ, **Mohammad Akbar Hossain**, Kim DH, Jang JY, Jung JH, Yoon JH. Montiporyne A induces apoptosis in SK-MEL-2 human melanoma cells. *Cancer Prevention Research (Journal of Korean Association of Cancer Prevention)* 2011. 16, 141-146.
10. Chung SW, Yee SB, Lee JY, **Mohammad Akbar Hossain**, Kim DH, Yoon JH, Chung HY, Kim ND. 4-Hydroxynonenal induces endothelial cell apoptosis via ROS and peroxynitrite generation. *Journal of Life Science (Journal of Korean society of life science)* 2011. 21(7), 961-968.
11. Kim MN, Ahn EY, Park SE, **Mohammad Akbar Hossain**, Kim MY, Moon JO, Kim ND, and Yoon JH. Morin inhibits the growth of murine hepatome cells via cell cycle and induction of apoptosis. *Cancer prevention Research* 2010 (*Journal of Korean association of cancer prevention*) 15, 190-197.
12. Kim S, Jeong SH, **Mohammad Akbar Hossain**, Kim MY, Kim DH, Kim JA, Yoon JH, Na CS and Kim ND. Urushiol induces growth inhibition and apoptosis in MCF-7 human breast cancer cells. *Cancer Prevention Research* 2009 (*Journal of Korean association of cancer prevention*). 14 (4), 309-314.
13. Park SE, Kim SH, **Mohammad Akbar Hossain**, Kim MY, Chung HY, Son WS, Kim GY, Choi YH and ND Kim. Korean red ginseng extract induces

apoptosis and decrease telomerase activity in human leukemia cells. J Ethnopharmacol. 2009 Jan 21; 121(2):304-312.

14. Park SE, Lee SW, **Mohammad Akbar Hossain**, Kim MY, Kim MN, Ahn EY, Park YC, Suh HS, Kim GY, Choi YH and Kim ND. A chenodeoxycholic derivative, HS-1200, induces apoptosis and cell cycle modulation via Egr-1 gene expression control on human hepatoma cells. Cancer Lett. 2008, Oct 18; 270 (1):77-86.
15. Lee JH, Park SE, **Mohammad Akbar Hossain**, Kim MY, Kim MN, Chung HY, Choi JS, Yoo YH and Kim ND. 2, 3, 6-Tribromo-4, 5-dihydroxybenzyl Methyl Ether Induces Growth Inhibition and Apoptosis in MCF-7 Human Breast Cancer Cells. Arch Pharm Res 2007. 30(9): 1132-1137.
16. Dong Hwan Kim, Yong Jung Kang, Min Young Kim, **Mohammad Akbar Hossain**, Jung Yoon Jang, Hyung Ryong Mon, Hae Young Chung, Yung H. Choi and Nam Deuk Kim. Novel hydroxamic acid-derivative, MHY218, induces apoptosis and cell cycle arrest in HCT116 human colon cancer cells. In: Proceedings of the 102nd Annual Meeting of the American Association for Cancer Research; 2011 Apr 2-6; Orlando, FL. Philadelphia (PA): AACR; Cancer Res 2011;71(8 Suppl):Abstract nr 182. doi:10.1158/1538-7445.AM2011-182
17. **Mohammad Akbar Hossain**, Kim MY, Kim DH, Kim JA, Kang YJ, Moon JO, Kim GY, Choi YH, Kim ND. Aspirin alone or in combination with doxorubicin induced efficient apoptosis in human hepatocellular carcinoma cells. In: Proceedings of the 101st Annual Meeting of the American Association for Cancer Research; 2010 Apr 17-21; Washington, DC. Philadelphia (PA): AACR; Cancer Res 2010;70(8 Suppl):Abstract nr 226.
18. Kim DH, Kim MY, **Mohammad Akbar Hossain**, Kim JA, Kang YJ, Suh HS, Kim GY, Choi YH, Nam Deuk Kim. A novel resveratrol analogue, HS-1793, downregulates the expression levels of hypoxia-inducible factor-1 α and VEGF, and inhibits hypoxia-induced cell migration of human prostate cancer cells. In: Proceedings of the 101st Annual Meeting of the American

- Association for Cancer Research; 2010 Apr 17-21; Washington, DC. Philadelphia (PA): AACR; Cancer Res 2010;70(8 Suppl):Abstract nr 458.
19. Park SE, **Mohammad Akbar Hossain**, Kim MY, Kim DH, Kim JA, Kim GY, Choi YH, Kim ND. HS-1200, a synthetic bile acid derivative, induces autophagy formation in human hepatoma cells. In: Proceedings of the American Association for Cancer Research; 2009 Apr 18-22; Denver, CO. Philadelphia (PA): AACR; Cancer Res 2009; 69 (9 suppl): Abstract nr 391
20. Kim MY, Park SE, **Mohammad Akbar Hossain**, Kim DH, Kim JA, Hong SS, Kim GY, Choi YH, Kim ND. HS-1793, a novel resveratrol analogue, induces growth inhibition, apoptosis, and downregulation of hypoxia induced expressions of HIF-1 α in human hepatocellular carcinoma cells. In: Proceedings of American Association for Cancer Research; 2009 Apr 18-22; Denver, CO. Philadelphia (PA): AACR; Cancer Res 2009; 69 (9 suppl). Abstract nr 1471
21. Park SE, **Mohammad Akbar Hossain**, Kim MY, Kim MN, Ahn EY, Kim GY, Choi YH, Kim ND. Chenodeoxycholic acid derivative, HS-1200, induces Egr-1 gene expression and modulates the cell cycle in human hepatoma cells. In: *Proceedings of American Association for Cancer Research*; 2008 Apr 12-16; San Diego, CA :AACR; Cancer Res 2008; 68 (9 suppl); page 2659.
22. Kim MY, Park SE, **Mohammad Akbar Hossain**, Kim MN, Ahn EY, Kim GY, Choi YH, Kim ND. Kaempferol inhibited cell growth and induced apoptotic cell death via a p53-independent pathway in human hepatocellular carcinoma cells. In: *proceedings of American Association for Cancer Research*; 2008 Apr 12-16; San Diego, CA: AACR; Cancer Res 2008; 68 (9 suppl) page 2679.
23. Kim ND, Yee SB, Kim MN, Park SE, **Mohammad Akbar Hossain**, Kim MY, Kim GY, Choi YH. Luteolin induced growth inhibition and apoptosis in hepatoma cells involving TGF- β and Fas/Fas-ligand signaling pathway. In: *proceedings of American Association for Cancer Research*; 2007 Apr 14-18, Los Angeles, CA: AACR; Cancer Res 2007; 67 (9 suppl) page 441.

POSTERS :

1. Jung JY, **Mohammad Akbar Hossain**, Kim DH, Kang YJ, Chung HY, Kim ND. HS-1200, a synthetic chenodeoxycholic acid derivative, induced apoptosis through p-53 and p-21-independent pathways in HCT116 human colon cancer cells. Proceedings of the 1st international congress cell death in cancer. P. 78, 2012.05.13-16, Saint Malo, France.
2. Kim DH, **Mohammad Akbar Hossain**, Kang YJ, Jung JY, Choi YH, Kim ND. Inhibition of HIF-1, VEGF expression and hypoxia induced cell migration by a novel resveratrol analogue, HS-1793, in human cancer cells. ISREC Symposium 2011: Hallmarks and Horizons of Cancer
 - a. September 7-10, 2011 Lausanne, Switzerland.
3. Kim DH, **Mohammad Akbar Hossain**, Kang YJ, Jung JY, Lee YJ, Yoon CS, Chung HY, Kim ND. A flavonoid, baicalein, shows anti-inflammatory and anti-tumorigenic effects on human colon cancer cells. Proceedings of 2012 spring conference of the Korean society for gerontology and the 11th korea-japan gerontologist joint meeting. P.67. 2012.06.14-15. Osong, Chungbuk, South Korea.
4. Kim ND, Jung JY, **Mohammad Akbar Hossain**, Kim DH, Kang YJ, Lee YJ, Chung HY. Synthetic bile acids induced modulation of apoptosis in human cancer cells. Proceedings of the 38th annual meeting of Korean cancer association. P.54. 2012.06.13-15, COEX, Seoul, South Korea.
5. Kim DH, **Mohammad Akbar Hossain**, Kang YJ, Jung JY, Lee YJ, Im EO, Yoon JH, Chung HY, Kim ND. Baicalein shows anti-inflammatory effects in human colon cancer cells and prevents colitis-associated colon cancer in mice. Proceedings of the spring international convention of the pharmaceutical society of Korea. P.60. 2012.04.19-21. International convention center, Jeju, South Korea.
6. **Mohammad Akbar Hossain**, Kang YJ, Kim DH, Jang JY, Chung HY, Kim ND. Synergistic induction of apoptosis by aspirin and doxorubicin in

- vitro and in vivo. The 21st international conference of the Korean society for gerontology: intervention of aging and age related diseases. July 8-9, 2011. Dae Chung Hall, Hotel Nongshim, Busan, South Korea.
7. Kang YJ, Kim MK, Kim MY, **Mohammad Akbar Hossain**, Kim DH, Kim JA, Jang JY, Kim HJ, Moon HR, Chung HY, Kim ND. MHY-444 Induces Apoptosis and Cell Cycle Arrest in HCT116 Human Colon Cancer Cells. Proceedings of the fall international Convention. The Pharmaceutical Society of Korea. 165, 2010. 2010.10.21-22. Ramada Plaza Cheongju Hotel, Cheongju, South Korea.
 8. **Mohammad Akbar Hossain**, Kim MY, Kim DH, Kim JA, Jang JY, Kang YJ, Moon JO, Kim GY, Choi YH, Kim ND. Combination with Conventional Chemotherapeutic Drugs Aspirin Induced Efficient Apoptosis & Cell Cycle Arrest in Human Hepatocellular Carcinoma Cells. KSBMB Annual Meeting, Korean Society for Biochemistry and Molecular Biology. 270; 2010.05.17-19. COEX, Seoul, South Korea.
 9. Kim DH, **Mohammad Akbar Hossain**, Kim MY, Kim JA, Yoon JH, Kim GY, Choi YH, Kim ND. A Novel Resveratrol Analogue, HS-1793, Inhibits HIF-1 α and VEGF expressions in Human prostate Cancer Cells. KSBMB Annual Meeting, Korean Society for Biochemistry and Molecular Biology. 387; 2010.05.17-19. COEX, Seoul, South Korea.
 10. Kim MY, **Mohammad Akbar Hossain**, Kim DH, Kim JA, Jang JO, Kang YJ, Suh HS, Choi YH, Kim GY, Kim ND. Resveratrol and it's Analogue, HS-1793, Inhibit hypoxia-inducible factor-1 α and VEGF expressions in human hepatocellular carcinoma cells. Proceedings of the spring international Convention. The Pharmaceutical Society of Korea. 159, 2010. 2010.04.15-16. Daegu EXCO, Daegu, South Korea.
 11. Kim JA, Kim MY, **Mohammad Akbar Hossain**, Kim DH, Kang YJ, Jang JY, Suh HS, Choi YH, Kim GY, Kim ND. HS-1793, a Resveratrol Analogue, Induces Apoptotic Cell Death, Cell Cycle Arrest and affected hypoxia induced expression of HIF-1 in human breast cancer cells.

- Proceedings of the spring international Convention. The Pharmaceutical Society of Korea. 159, 2010. 2010.04.15-16. Daegu EXCO, Daegu, South Korea.
12. Kim MY, Park SE, **Mohammad Akbar Hossain**, Kim DH, Kim JA, Kang YJ, Suh HS, Choi YH, Kim GY, Kim ND. HS-1200, a synthetic bile acid derivative, Induces autophagic cell death in human hepatocellular carcinoma cells. International symposium on TGF- β signaling, inflammation, and cancer prevention. Korean society of cancer prevention. 49; 2009.11.20. Lee Gil Ya Cancer and Diabetes Institute, Gachon University of Medicine and Science, Gachon, South Korea.
 13. **Mohammad Akbar Hossain**, Kim MY, Kim DH, Kim JA, Son KH, Moon JO, Kim GY, Choi YH, Kim ND. Aspirin induced apoptosis and cell cycle arrest in human hepatocellular carcinoma cells. Proceedings of the spring international Convention. The Pharmaceutical Society of Korea. Vol.1:165, 2009. 2009.05.07-08. Daejeon convention center, Daejeon, South Korea.
 14. Kim MY, Park SE, **Mohammad Akbar Hossain**, Kim MN, Kim DH, Choi YH, Kim GY, Kim ND. Kaempferol induced growth inhibition and apoptosis in human hepatocellular carcinoma cells. Proceedings of the Spring International Convention of the Pharmaceutical Society of Korea. 1A:219, 2008. 2008.05.01-02. International Convention Center Jeju (ICC Jeju), Jeju, South Korea.
 15. Kim MN, Ahn EY, Park SE, **Mohammad Akbar Hossain**, Kim MY, Moon JO, Kim GY, Choi YH, Kim ND. Antioxidant and cytoprotective activities of Morin on murine hepatoma cells. Proceedings of the Convention of the Pharmaceutical Society of Korea. 2A:309, 2007. 2007.11.07-08. Hotel-Seoul Kyoyuk Munhwa Hoekwan, Seoul, South Korea.
 16. Kim MN, Ahn EY, Park SE, **Mohammad Akbar Hossain**, Kim MY Moon JO, Kim GY, Choi YH, Kim ND. Morin induced apoptotic cell death in murine hepatoma cells. Proceedings of the Convention of the

- Pharmaceutical Society of Korea. 2A:308, 2007. 2007.11.07-08. Hotel-Seoul Kyoyuk Munhwa Hoekwan, Seoul, South Korea.
17. Kim MN, Park SE, **Mohammad Akbar Hossain**, Kim MY, Ahn EY, Kim GY, Choi YH, Kim ND. Luteolin induced growth inhibition and apoptosis via a p53-independent pathway in HepG2 and Hep3B cells. Proceedings of the Convention of the Pharmaceutical Society of Korea. 2A:307, 2007. 2007.11.07-08. Hotel-Seoul Kyoyuk Munhwa Hoekwan, Seoul, South Korea.
18. Park SE, Kim SH, **Mohammad Akbar Hossain**, Kim MY, Kim MN, Ahn EY, Kim GY, Choi YH, Kim ND. Ginsenoside-Rh2 inhibits telomerase activity with apoptosis in U937 human leukemia cells. Proceedings of the Convention of the Pharmaceutical Society of Korea. 2A:343, 2007. 2007.11.07-08. Hotel-Seoul Kyoyuk Munhwa Hoekwan, Seoul, South Korea.
19. Park SE, **Mohammad Akbar Hossain**, Kim MY, Kim MN, Ahn EY, Kim GY, Choi YH, Kim ND. Chenodeoxycholic acid derivative, HS-1200, induces Egr-1 gene expression and modulates the cell cycle on HepG2 human hepatoma cells. Proceedings of the Convention of the Pharmaceutical Society of Korea. 2A:339, 2007. 2007.11.07-08. Hotel-Seoul Kyoyuk Munhwa Hoekwan, Seoul, South Korea.
20. **Mohammad Akbar Hossain**, Park SE, Kim MY, Kim MN, Ahn EY, Moon JO, Kim GY, Choi YH, Kim ND. Aspirin induced apoptosis in murine hepatoma cells. Proceedings of the Convention of the Pharmaceutical Society of Korea. 2A:333, 2007. 2007.11.07-08. Hotel-Seoul Kyoyuk Munhwa Hoekwan, Seoul, South Korea.
21. Park SE, **Mohammad Akbar Hossain**, Kim MY, Kim MN, Kim ND. Effect of Apigenin and Genistein on the Expression Levels of Hypoxia-induced Proteins in PC3M Human Prostate Cancer Cells. Proceedings of the

Convention of the Pharmaceutical Society of Korea. 1:167, 2006. 2006.04.16-17. Bexco, Busan, South Korea.

22. **Mohammad Akbar Hossain**, Shin DS, Kim ND, Moon JO. Effect of Aspirin on Dimethylnitrosamine-induced Hepatic Fibrosis in Rats. Proceedings of the Convention of the Pharmaceutical Society of Korea. 1:157, 2006. 2006.04.16-17. Bexco, Busan, South Korea.

23. Yee Su-Bog, Park SE, **Mohammad Akbar Hossain**, Kim MY, Kim MN, Kim ND. Luteolin induced growth inhibition in hepatoma cells involving TGF- β , Fas/Fas-ligand, and p53 signaling pathways. Proceedings of the Convention of the Pharmaceutical Society of Korea. 2:256, 2006. 2006.11.6-7. Seoul Education Culture Center, Seoul, South Korea.

RESEARCH TALKS:

- Aspirin alone or in combination with doxorubicin induced efficient apoptosis and cell cycle arrest in human hepatocellular carcinoma cells. BK-21 program seminar, College of pharmacy, Pusan national university, June 25, 2010.

CONFERENCE ATTENDED:

1. 1st Pharmaceutical Science conference (From Bench to Beside). 13-14/4/2016. King Abdul-Aziz supportive hall (1&2), Umm Al-Qura University, Makkah, Saudi Arabia.
2. The 2nd Scientific Meeting. 3rd Jumada second 1435 H (3rd April 2014), King Abdul-Aziz supportive hall (1&2), Umm Al-Qura University, Makkah, Saudi Arabia.
3. The 1st international scientific meeting of Faculty of Pharmacy in collaboration with vice presidency of Business and Innovation 2013. "Emerging molecular targets in cancer therapy and drug development (From Research Labs to Pharmaceutical Industries)". Umm al qura University, 2013.03.16-18.

4. The 21st international conference of the Korean society for gerontology: intervention of aging and age related diseases 2011. Dae Chung Hall, Hotel Nongshim, Busan, Korea.
5. Proceedings of the fall international Convention 2010. The Pharmaceutical Society of Korea, Ramada Plaza Cheongju Hotel, Cheongju, South Korea.
6. KSBMB Annual Meeting 2010, Korean Society for Biochemistry and Molecular Biology, COEX, Seoul, South Korea.
7. Proceedings of the spring international Convention 2010. The Pharmaceutical Society of Korea, Daegu EXCO, Daegu, South Korea.
8. KSBMB winter conference 2010, Korean Society for Biochemistry and Molecular Biology, Hi wan resort, Hi wan hotel, South Korea.
9. International symposium on TGF- β signaling, inflammation, and cancer prevention 2009. Korean society of cancer prevention, Lee Gil Ya Cancer and Diabetes Institute, Gachon University of Medicine and Science, Gachon, South Korea.
10. Proceedings of the fall international Convention 2009. The Pharmaceutical Society of Korea, Hotel-Seoul Kyoyuk Munhwa Hoekwan, Seoul, South Korea.
11. Proceedings of the spring international Convention 2009. The Pharmaceutical Society of Korea, Daejeon convention center, Daejeon, South Korea.
12. Proceedings of the fall international Convention 2008. The Pharmaceutical Society of Korea, Hotel-Seoul Kyoyuk Munhwa Hoekwan, Seoul, South Korea.
13. Proceedings of the Spring International Convention 2008. The Pharmaceutical Society of Korea, International Convention Center Jeju (ICC Jeju), Jeju, South Korea.

14. Proceedings of the Convention of the Pharmaceutical Society of Korea 2007, Hotel-Seoul Kyoyuk Munhwa Hoekwan, Seoul, South Korea.
15. Proceedings of the Convention of the Pharmaceutical Society of Korea 2007, Kimdaejung Convention Center, Gwangju, South Korea.
16. Proceedings of the Convention of the Pharmaceutical Society of Korea 2006, Seoul Education Center, Seoul, South Korea.
17. Proceedings of the Convention of the Pharmaceutical Society of Korea 2006, Bexco, Busan, South Korea.



Google scholar :

https://scholar.google.com/citations?hl=en&user=dL3FsmsAAAAJ&view_op=list_works

Research gate :

https://www.researchgate.net/profile/Mohammad_Hossain101