

Dr. Syed Faisal Zaidi
Associate Professor
Department of Basic Medical Sciences,
King Saud Bin Abdulaziz University for Health Sciences
King Abdulaziz Medical City,
Jeddah, Kingdom of Saudi Arabia

Personal Details

Full Name: Syed Faisal Haider Zaidi
Date of Birth: May 11th, 1979
Marital Status: Married
Children: Two (One Son, One Daughter)
Email: sfaisalhz@gmail.com

Biography

I am currently working as **Associate Professor of Pharmacology**, Department of Basic Medical Sciences, College of Medicine (COM), King Saud bin Abulaziz University (KSAU), Jeddah, Saudi Arabia. While involved in research related to Gastroenterology for around 15 years, my area of interest covers mostly on the pathogenesis and treatment of 1) *H. pylori* associated disorders like peptic ulcer/ gastric cancer, 2) colon cancer, 3) ulcerative colitis, and 4) food allergy. I have keen interest in the role of diet, spices, and medicinal plants in gastrointestinal disorders. Research is further directed to identify potential chemical entities against *H. pylori*, mast cell degranulation and colon cancer. Published **around 50 papers** with around **1000 citations**, **one international patent** and has been awarded with best presentation and **young investigator award** in USA and Korea respectively. Moreover, based on my academic excellence I have been nominated twice for the **Best Teacher Award for 2017-2019** under Annual President Award KSAU. Last but not least, I was awarded with **Best Tutor Award** of 2017-2018 by COM-J.

Key Scientific Publications

Ahmed K, **Zaidi SF**, Cui Z-G, Zhou D, Saeed SA and Inadera H. Potential proapoptotic phytochemical agents for the treatment and prevention of colorectal cancer. [Oncology Letters](#), 2019;18(1):487-498. doi: 10.3892/ol.2019.10349. (Review article, **IF: 1.5**)

Zaidi SF, Ahmed K, Saeed SA, Usmanghani K, Sugiyama T. Can Diet Modulate Helicobacter pylori-associated Gastric Pathogenesis? An Evidence Based Analysis. [Nutrition & Cancer](#). 2017; 69:979-989. (Review article, **As corresponding author, IF: 2.5**).

Muhammad JS, **Zaidi SF**, Zhou Y, Sakurai H, Sugiyama T. Novel epidermal growth factor receptor pathway mediates release of human β -defensin 3 from Helicobacter pylori-infected gastric epithelial

cells. [Pathog Dis. 2016. doi: 10.1093/femspd/ftv128.](#) (**IF: Impact factor 2.4**)

Zaidi SF, Refaat A, Shin M, Muhammad JS, Saiki I, Sugiyama T, Sakurai H. *Helicobacter pylori* induces serine phosphorylation of EGFR via novel TAK1-p38 activation pathway in an HB-EGF-independent manner. [Helicobacter, 2015;20:381-9](#) (**As corresponding author; IF: 4**).

Hayashi S, Hamada T, **Zaidi SF**, Oshiro M, Lee J, Yamamoto T, Ishii Y, Sasahara M, Kadowaki M. Nicotine suppresses acute colitis and colonic tumorigenesis associated with chronic colitis in mice. [Am J Physiol Gastrointest Liver Physiol. 2014;307: G968-78](#) (**IF: 3.5**)

Zaidi SF, Muhammad JS, Shahryar S, Usmanghani K, Gilani AH, Jafri W, Sugiyama T. Anti-inflammatory and cytoprotective activity of selected Pakistani medicinal plants in *Helicobacter pylori*-infected gastric epithelial cells. [Journal of Ethnopharmacology, 2012; 141: 403–410](#) (**As corresponding author, IF: 3**).

Zaidi SF, Yamamoto T, Refaat A, Ahmed K, Sakurai H, Saiki I, Kondo T, Usmanghani K, Kadowaki M, Sugiyama T. Modulation of Activation-induced Cytidine Deaminase by Curcumin in *H. pylori*-infected Gastric Epithelial Cells. [Helicobacter, 2009; 14, 588–595](#) (**IF: 4**)

Zaidi SF, Yamada K, Kadowaki M, Usmanghani K, Sugiyama T. Bactericidal activity of medicinal plants, employed for the treatment of gastrointestinal disorder, against *Helicobacter pylori*. [Journal of Ethnopharmacology, 2009; 121, 286–291](#) (**IF: 3.5**)

Zaidi, Syed Faisal & Tomoe, Yashiro & Lee, Jaemin & Kim, Ji-Hyun & Kadowaki, Makoto. Activation of Murine Isolated Enteric Neurons by IgE-Antigen and Mediators Released From Mucosal Type Bone Marrow-Derived Mast Cells. [Gastroenterology, 146. S-92.](#) 10.1016/S0016-5085(14)60333-4. Digestive Disease Week (DDW) by American society of gastroenterology. Oral presentation, Chicago, USA. May 2014.

Current Status

Title: Associate Professor of Pharmacology

Department: Department of Basic Medical Sciences

University: King Saud Bin Abdulaziz University for Health Sciences

Duration: From 28th May 2017 to date.

Professional Experience

<u>Name of Institution</u>	<u>Location</u>	<u>Position</u>	<u>From-to</u>
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King Saud Bin Abdulaziz University for Health Sciences	Jeddah, Saudi Arabia	Assistant Professor (Pharmacology)	11/03/2014-27/05/2017
University of Toyama	Toyama, Japan	Post-Doctoral Researcher	15/05/2012-02/11/2013
University of Toyama	Toyama, Japan	Visiting Scientist	20/06/2011-29/07/2011
Aga Khan University Medical College	Karachi, Pakistan	Assistant Professor (Pharmacology)	28/06/2010-22/04/2012
University of Toyama	Toyama, Japan	Researcher	01/04/2010-25/06/2010
University of Toyama	Toyama, Japan	Instructor	01/10/2009-31/03/2010
University of Toyama	Toyama, Japan	Teaching Assistant	01/05/2008-27/02/2009
University of Toyama	Toyama, Japan	Research Assistant	01/05/2008-28/02/2009

Grants / Proposals/ Supervision/ Patent

GRANTS:

1. **Seed Money Grant No. SM100906 (2010), Aga Khan University, Karachi, Pakistan**
Project Title: Anti-Helicobacter pylori Candidates from Natural source
Principal Investigator: Syed Faisal Zaidi
Amount: US\$ 9,212
2. **KAIMRC-NGHA/KSAU-HS project RJ15/004/J (2015)**
Project Title: Molecular epidemiological study of Saudi *H. pylori* strain to determine the association with disease outcomes.
Principal Investigator: Syed Faisal Zaidi
Amount: 138,035 SR or 36,000 USD
International collaboration with Japan.
3. **KAIMRC-NGHA/KSAU-HS project SP17/385/J (2017)**
Project Title: Knowledge, attitude and practices towards use of herbal medicine products: A questionnaire-based survey among general population in Jeddah, Saudi Arabia.
Principal Investigator: Syed Faisal Zaidi
Amount: SR 10,000.
4. **KAIMRC-NGHA/KSAU-HS project SP17/441/J (2017)**
Project Title: Knowledge and Attitude towards Antibiotic Usage: A questionnaire-based survey among general population in Jeddah, Saudi Arabia.
Principal Investigator: Syed Faisal Zaidi

Amount: SR 10,000.

5. **KAIMRC-NGHA/KSAU-HS project SP17/466/J (2017)**

Project Title: Knowledge and Attitude towards Antibiotic Usage: A questionnaire-based survey among pre-professional students at King Saud bin Abdulaziz University for Health Sciences on Jeddah Campus, Saudi Arabia.

Principal Investigator: Syed Faisal Zaidi

Amount: SR 10,000.

SUPERVISION of UNDERGRADUATE MEDICAL STUDENTS:

Currently supervising more than 50 College of Medicine undergraduate students in their medical research block projects which included projects related to patients, general public, and students.

PATENT:

International patent: Syed Faisal Haider Zaidi, Makoto Kadowaki and Toshiro Sugiyama. **Anti-*Helicobacter pylori* agents.** Patent application no. 2008-183409 (Japan).

Administrative Duties at College or University Level

ADMINISTRATIVE Duties or REPRESENTATION in COMMITTEES at College or University Level:

1. **Founding Member, Medical Research Unit**, COM-J, KSAU (Mar 2017 to date).
2. **Coordinator Medical Research Block**, COM-J, KSAU (September 2018 to date)
3. **Academic Counseling Coordinator**, Batch 6, COM-J, KSAU (October 2018 to date)
4. **Owner (responsible person)** for the college data to the automated program “University Research Profile”, COM-J, KSAU (2017 to date)
5. **In-Charge Research**, BMS, COM-J, KSAU (September 2017 to August 2018).

Recent Publications (Last 5 year)

Total citations: 980; h-index: 18; i10-index 20 (Ref: Google scholar)

1. Ahmed K, **Zaidi SF**, Rehman MU, Rehman R, Kondo T. Hyperthermia and protein homeostasis: Cytoprotection and cell death. [Journal of Thermal Biology](#), 2020, Volume 91, 102615. (Review article)
2. Khan A, Ahmed ME, Aldarmahi A, **Zaidi SF**, Subahi AM, Alghamdi Z, Alhakami LA. Awareness, self-use, perceptions, beliefs and attitude toward Complementary and Alternative Medicines (CAM) among health professions students/J in Jeddah, Saudi Arabia, [Evidence based Complementary and Alternative Medicine](#), Volume 2020, Article ID 7872819, 11 pages, <https://doi.org/10.1155/2020/7872819>.
3. **Zaidi SF**, Alotaibi R, Nagro A, Alsalmi M, Almansouri H, Khan MA, Khan A, Memon I. Knowledge and Attitude Towards Antibiotic Usage: A Questionnaire-Based Survey among

- Pre-professional Students at King Saud bin Abdulaziz University for Health Sciences on Jeddah Campus, Saudi Arabia, [Pharmacy](#) 2020, 8, 5. (*As corresponding author*)
4. Rehman H, **Zaidi SF**, Waseem Q, Aziz S, Naveed S. Need of statins among un-diagnosed unaware Pakistanis via revised pool cohort equation by American Heart Association. [Pak. J. Pharm. Sci.](#), Vol.32, July 2019, pp.1755-1759.
 5. Ahmed K, **Zaidi SF**, Cui Z-G, Zhou D, Saeed SA and Inadera H. Potential proapoptotic phytochemical agents for the treatment and prevention of colorectal cancer. [Oncology Letters](#), 2019;18(1):487-498. doi: 10.3892/ol.2019.10349. (Review article)
 6. Khan M, Rehman H, Naveed S, **Zaidi SF**, Ayaz S, Owais A and Usmanghani K. Chewable cough tablets with improved palatability: A comparative phase II clinical trial. [Pak. J. Pharm. Sci.](#), Vol.32, January 2019, pp.339-343.
 7. Sharif A, Iftikhar M, Hussain A, Rehman MU, **Zaidi SF**, Akram M, Daniyal M, Usmanghani K. Evaluation of Physio-chemical properties of honey collected from local markets of Lahore, Pakistan. [Pak J Med Biol Sci.](#), 2018; 2: 15-20.
 8. Riaz A, Daniyal M, Ghauri MI, Alam H, **Zaidi SF**, Usmanghani K and Wang W. To evaluate the efficacy and safety of CartiNovex plus tablet in osteoarthritis and rheumatoid arthritis. [Pak. J. Pharm. Sci.](#), 2018; 31: 2033-2040. (*IF: Impact factor 0.8*)
 9. Sharif A, Tabassum T, **Zaidi SF**, Akram M, Usmanghani K, Aslam MA. Study of breast tuberculosis on fine needle aspiration cytology, [Pak J Med Biol Sci](#), 2018; 2: 10-13.
 10. **Zaidi SF**, Ahmed K, Saeed SA, Usmanghani K, Sugiyama T. Can Diet Modulate Helicobacter pylori-associated Gastric Pathogenesis? An Evidence Based Analysis. [Nutrition & Cancer](#). 2017; 69:979-989. (Review article, *As corresponding author, IF: 2.5*).
 11. Daniyal M, Jaffary SRA, **Zaidi SF**, Ahmed SW, Adhia MK, Akhtar F, Shinwari MI, Usmanghani K. Single blind, placebo control phase III study of Insty granules to evaluate its efficacy and safety. [RADS J. pharm. pharm. Sci.](#) 2017; 5: 2-10.
 12. Muhammad JS, **Zaidi SF**, Saeed SA, Ishaq M. Current status of Helicobacter pylori association with hematological and cardiovascular diseases: A mini review. [Journal of Pakistan Medical Association](#), 2017; 67, 908-911. (Review article, *As corresponding author, IF: 0.5*)
 13. Zahoor A, Bano S, Khan S.S, Akhtar F, Munir H, Shinwari MI, **Zaidi SF**, Naveed S, Usmanghani K. Utilization of Essential Oil in Manufacturing of Different Types of Balm. [RADS J. pharm. pharm. Sci.](#) 2017;5(4):16-22.
 14. Muhammad JS, **Zaidi SF**, Zhou Y, Sakurai H, Sugiyama T. Novel epidermal growth factor receptor pathway mediates release of human β -defensin 3 from Helicobacter pylori-infected gastric epithelial cells. [Pathog Dis.](#) 2016. doi: 10.1093/femspd/ftv128. (*IF: Impact factor 2.4*)
 15. **Zaidi SF**. *Helicobacter pylori* associated pathophysiology and enigma: Does Diet Deserve Distinction? [World Journal of Gastrointestinal Oncology](#), 2016; 15;8:341-50. doi: 10.4251/wjgo.v8.i4.341 (Review article, *As corresponding author*)
 16. Sultana T, Naveed S, Nawaz A, Muhammad JS, **Zaidi SF**, Ebrahim M, Alam MT, Usmanghani K. The Use of Cissus quadrangularis in the Management of Left Tibia Fracture:

- A case report. [RADS J. pharm. pharm. Sci.](#) 2016, 117-122.
17. **Zaidi SF**, Refaat A, Shin M, Muhammad JS, Saiki I, Sugiyama T, Sakurai H. *Helicobacter pylori* induces serine phosphorylation of EGFR via novel TAK1-p38 activation pathway in an HB-EGF-independent manner. [Helicobacter](#), 2015;20:381-9 (**As corresponding author; IF: 4**).
 18. Shakeel S, Usmanghani K, Gul S, Sheikh ZA, **Zaidi SF**, Lateef M. Evaluation of *in vitro* antioxidant capacity and reducing potential of polyherbal drug Entoban. [African Journal of Pharmacy and Pharmacology](#), 2015;9: 982-987.
 19. Asif HM, **Zaidi SF**, Sugiyama T, Akhtar N, Usmanghani K. Phytomedicine-based and Quadruple Therapies in *Helicobacter pylori* Infection: A Comparative, Randomized Trial. [Alternative therapies in Health and Medicine](#), 2015;2:33-9 (**IF: 1**).
 20. Rehman MU, Jawaid P, Zhao QL, **Zaidi SF**, Mir TA, Usmanghani K, Kondo T. Induction of Apoptosis by Selected Pakistani Medicinal Plants in Human Lymphoma U937 Cells. [RADS J. pharm. pharm. sci.](#) 2015; 3: 19-24.
 21. Muhammad JS, **Zaidi SF**, Shahryar S, Refat A, Usmanghani K, Saiki I, Sugiyama T. Anti-inflammatory effect of cinnamaldehyde in *Helicobacter pylori* induced gastric inflammation. [Biological & Pharmaceutical Bulletin](#), 2015;38:109-15 (**As corresponding author; IF: 2**).
 22. Sheikh ZA, Shakeel S, Gul S, Zahoor A, Khan SS, **Zaidi SF**, Usmanghani K. A novel HPTLC method for quantitative estimation of biomarkers in polyherbal formulation. [Asian Pacific Journal of Tropical Biomedicine](#), 2015;5:930-934.
 23. Muhammad JS, **Zaidi SF**, Ishaq M. Ins and outs of *Helicobacter pylori* association with rheumatic diseases. [International Journal of Rheumatology](#), 2015: 5(2); 96-100. (Review article, **IF: 1.5**)
 24. Rehman R, Jawed S, **Zaidi SF**, Baig M, Ahmed K. Role of Interleukin-I β in conception after intracytoplasmic sperm injection. [Journal of Pakistan Medical Association](#), 2015;65: 49-53 (**IF: 0.5**).
 25. Sheikh ZA, Zahoor A, Khan SS, Naveed S, **Zaidi SF**, Usmanghani K. Ivy Herbal Products for Cough and its Validation for Hederacoside C Biomarker Determination with HPLC _PAD Techniques. [RADS J. pharm. pharm. Sci.](#) 2015; 3;1-06.
 26. **Zaidi SF**, Muhammad JS, Usmanghani K, Sugiyama T. Pharmacological Ins and Outs of Medicinal Plants against *Helicobacter pylori*. [Pakistan Journal of Pharmaceutical Sciences](#), 2015;28:1171-6. (Review article, **As corresponding author, IF: 0.7**).
 27. Nawaz A, **Zaidi SF**, Usmanghani K. Concise review on Hepatitis C. [Journal of Tayyaba University of Medical Sciences](#), 2015;10: 132-139 (Review article, **As corresponding author**)
 28. **Zaidi SF**, Aziz M, Muhammad JS, Kadowaki M. Diverse pharmacological activities of *Cinnamomum cassia*: A review. [Pakistan Journal of Pharmaceutical Sciences](#), 2015;28:1433-8. (Review article, **As corresponding author, IF: 0.7**)
 29. Qureshi T, Saeed A, Usmanghani K, Asif HM, **Zaidi SF**. ShigelDysent efficacy in alleviating clinical sign and symptoms prevailing in *Shigellosis*. [Int J Gastroenterol Disord Ther](#) 1: 114. [doi:http://dx.doi.org/10.15344/2393-8498/2015/114](http://dx.doi.org/10.15344/2393-8498/2015/114) (**As corresponding author**)

Conferences/ Seminars (Last 5 year)

1. Saad Alshahrani, **Syed Faisal Zaidi** et al. Survival time in treatment modalities of gastric carcinoma at King Khalid Hospital- Jeddah Saudi Arabia: a retrospective cohort study. Health Profession Conference, KSAU-HS, Jeddah, **January 2020**. (Oral)
2. Rakan Alotaibi, Abdulaziz Nagro, Muath Alsalmi, Hidayat Almansouri, **Syed Faisal Zaidi**, et al. Knowledge and Attitude Towards Antibiotic Usage: A Questionnaire-Based Survey among Pre-professional Students at King Saud bin Abdulaziz University for Health Sciences on Jeddah Campus, Saudi Arabia. Health Profession Conference, KSAU-HS, Jeddah, **January 2019**. (Poster)
3. Invited lecture, Faculty of Pharmacy, Jinnah University for Women. Can our diet determine the course of disease outcome in *H. pylori*-associated disorders? Karachi, Pakistan. **July 2019**. (Oral)
4. Attendance: Artificial intelligence in Medicine, KAUST Research Event, 18-20 **February 2019**, Jeddah, Saudi Arabia.
5. Attendance: International Conference on Cancer Biology and Anti-Cancer Therapies” -**June 24th -25th, 2019**, Singapore.
6. **Syed Faisal Zaidi**, et al. Inhibition of IgE/antigen- and ionophore-induced mucosal mast cells degranulation by *Alpinia galangal* and acetoxychavicol acetate. 18th Annual Congress of Basic and Clinical Pharmacology, **1-6th July 2018**, Kyoto, Japan. (Poster)
7. Jibran Sualeh Muhammad, **Syed Faisal Zaidi**, et al. Anti-*Helicobacter pylori* activity of Selected Medicinal Plants from the Kingdom of Saudi Arabia. 22nd Annual meeting of Japanese society for *Helicobacter* research. Oita, Japan. June, 2016. (Poster)
8. Journal Club Series, College of Medicine, King Saub bin Abdulaziz University of Health Sciences. Jeddah, Saudi Arabia. February 2016.
9. **Syed Faisal Zaidi**, et al. A comparative randomized trial of phytomedicine-based and quadruple therapies in *Helicobacter pylori* infection. 21st Annual meeting of Japanese society for *Helicobacter* research. Kobe, Japan, June, 2015. (Poster)

Education

<u>Degree</u>	<u>University</u>	<u>Location</u>	<u>Completion Year</u>	<u>Specialty</u>
Ph.D.	University of Toyama	Toyama, Japan	2009	Pharmacology, (Gastrointestinal Disorders)
M.Phil.	University of Toyama	Toyama, Japan	2006	Pharmacology, (Natural Products Pharmacology)
*B.E.M.S (Clinical)	Hamdard University, Karachi	Karachi, Pakistan	2003	Doctor of Natural Medicine

*Course details:

BEMS: is the short form of bachelor of eastern medicine and surgery. It is a 6 year unique clinical course of conventional medicine subjects along with alternative medicine subjects with a special focus on natural medicine.

Subjects include: Anatomy/Histology, Physiology, Biochemistry, Pharmacology I (Alternative medicine), Pharmacology II (Conventional medicine), Forensic medicine/ Toxicology, Principles of eastern medicine, Community medicine, Pathology/ Microbiology, Pharmacy, Gynecology/Obstetrics, Psychology, Ophthalmology/ ENT, Medicine.

Clinical practice license number: QBH-0031-A

Title of Ph.D. thesis: *Helicobacter pylori* associated gastrointestinal disorders: Role of dietary factor in disease outcome

Title of M.Phil thesis: Preferential cytotoxicity of Pini resina in Human pancreatic cancer PANC-1 cells under nutrient-deprived condition

Post-Doctoral Experience:

To elucidate neuro-immune crosstalk in the pathogenesis of ulcerative colitis and food allergy with the help of *invitro* experiments and *invivo* models.

<u>Home address</u>	<u>Work address</u>
Villa no 14, New Accommodation, KSAU Housing, King Abdulaziz Medical City, Makkah Highway, Jeddah 21423. Kingdom of Saudi Arabia Home Ext: 46909 Cell: +966-55-3543869 Email: sfaisalhz@yahoo.com	Department of Basic Medical Sciences, College of Medicine, King Saud Bin Abdulaziz University for Health Sciences, King Abdulaziz Medical City, Makkah Highway, Jeddah 21423. Kingdom of Saudi Arabia. Telephone: +966-22245778 Fax: +966-920008668 E-mail: zaidis@ksau-hs.edu.sa