

RESUME

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Lecturer (Microbiology)

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PERSONAL DATA

Date of birth	:	April 5, 1982
Place of birth	:	Karnal Sher Kalli, SWABI
Domicile	:	Karnal Sher Kalli SWABI
Religion	:	Islam (Sunni)
Civil status	:	Married
Language spoken	:	Pashto, Urdu, Punjabi, English, German, Malaysian
Permanent Address	:	Mohalla Syed Khani, Village & post office Karnal Sher Killi, Tehsil Razar, District SWABI, KPK, PAKISTAN

EDUCATION

2013 - 2018	:	Doctor of Philosophy (Food / Meat Microbiology) Universiti Sains Malaysia
2009 - 2011	:	Master¹ in Veterinary Public Health Freie universität Berlin, Germany & Chaingmai University, Thailand (Dual award)
2006 - 2008	:	Master² in Animal Sciences (Poultry Sciences) The University of Agriculture, Peshawar
2001 - 2006	:	Bachelor in “ Veterinary Science ” (DVM) University of Agriculture, Faisalabad, Pakistan

AWARDS

2011	:	DAAD-German scholarship holder for “Master of Veterinary Public Health” degree (2009-2011).
2013	:	TWAS-Italy fellowship awardee for Doctor of Philosophy in Food Microbiology (2013 till 2016)
2018	:	Nomination of PhD dissertation by the viva voce panel for “Best Thesis Award competition 2018”

UNIVERSITY SERVICES

Post	Organization	Period		Job / Responsibilities
		From	To	
Graduate Assistant	Univeristi Sains Malaysia	Nov. 2013	May 2018	Food Microbiology Lab practical
Lecturer	Lasbela University Baluchistan	Dec. 2008	Dec. 2010	Teaching of Animals Sciences subjects (Theory & practical)
Lecturer	The Uni. Of Agri. Peshawar	Dec. 2007	Dec. 2008	Teaching of Animals Sciences subjects (Theory & practical)

Professional Experience

Production Manager	Euro Industries (Pvt) Ltd (German originated HALAL Meat Firm) www.eurofoods.com.pk	Jan. 2006	Dec. 2007	Microbiological and quality assurance of Beef and Poultry meat for the production of Halal meat value-added products.
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Professional Trainings/Conference/Certificates

Title of the Training / Certificate	Field	Institution/Organization
Surveillance, Emergency, Preparedness and Response	Food-borne Zoonotic Pathogens	ILRI at Chiangmai University Thailand
The Concept of One Health, One Medicine (<i>Workshop</i>)	Antibiotic Resistance in Food Microbes	FU-Berlin, Germany & Chiangmai University, Thailand
Occupational Safety and Health Course	Occupational Safety	Universiti Sains Malaysia
International Food Safety and Zoonosis Symposium Asia Pacific	Zoonotic Pathogens	Chaingmai, University, Thailand
Veterinary Public Health Regulatory Task in Poultry Issue	Zoonoses and Poultry (Bird-Flu)	FU-Berlin, Germany & Chiangmai University, Thailand
Strengthening of Livestock Services (<i>Refresher course</i>)	Livestock Health issues	European Union at Livestock & Dairy Dev. Dept. KPK
10 th International HALAL conference, Penang, Malaysia	Halal Health care and wellness	Penang International Halal Hub (www.pihh.com.my)
Halal Industry Fundamentals Training	Halal Food Authentication	Ministry of Economic affair, Malaysia

Research projects/Thesis works

Master of Science	University	Thesis title
¹ Veterinary Public Health (2009 – 2011)	Freie University, Berlin Germany. www.fu-berlin.de & Chaingmai University, Thailand. www.cmu.ac.th	A Cross Sectional Study of Drinking Water Quality and Its Impact on Broiler Growth Performance in the Flood Effected Areas of Pakistan (Flood Disaster, Pakistan, 2010)
² Poultry Science (2006 - 2008)	The University of Agriculture Peshawar, Pakistan. www.aup.edu.pk	Anticoccidial, Growth promotant, Heamatological, Hepatoprotectant, Hypoglycemic and Immunopotentiator role of Garlic Ginger Neem and Berberry Aqueous extract mixture in Broiler production.

Doctor of Philosophy

Food / Meat Microbiology (2013 – 2018)	Universiti Sains Malaysia www.usm.my	Prevalence, Antibiotic Resistance And Genetic Diversity Of <i>Salmonella</i> Serovars Isolated From Various Meats Of Wet And Hypermarkets In Penang And Perlis Malaysia.
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Research Interests

- Food borne pathogens (Zoonotic bacteria)
- Antibiotic resistance (mechanism and molecular pathway)
- Halal Foods (Doubtful ingredients in food chain/ Food fraud)

Laboratory expertise

- 1). Bacterial culturing techniques (Conventional and advance methods)
- 2). ELISA (Enzyme Linked Immuno-Sorbent Assay)
- 3). PCR (Polymerase Chain Reaction)
- 4). GE (Gel Electrophoresis)
- 5). PFGE (Pulse Field Gel Electrophoresis)
- 6). 3MTM SALX (*Salmonella* Express System)
- 7). 3MTM Molecular Detection Assay (3MTM MDA)

HALAL Authentication of raw and processed meat/s products

- 1). HALAL standards; science and shariah perspectives
- 2). Laboratory analysis of HALAL meat products (Sausages, burgers, meat balls etc) and identification of animal species (cattle, pork, dog etc) through DNA techniques and LAMP based technology
- 3). Tracing of food fraud/doubtful ingredients

Professional membership

Pakistan Veterinary Medical Council,
International Association for Food Protection USA

Computers Skills (Software based)

Image Lab Analyzer, Bionumeric, SPSS, Epi Info, Survey toolbox, Stata9,
EpiClac, R, WinEpiscope, PH stat2, Endnote and Zotero

Peer review activities for scientific journals

1. 2019 Pakistan Journal of Zoology (National)
2. 2018 Journal of Advances in Animal and Veterinary Sciences (International)
3. 2017 Journal of Animal Science and Veterinary Medicine (International)
4. 2016 International Food Research Journal (International)

Scientific publications

1. Aqueous extract from different medicinal plants as Anticoccidial, Growth Promotive and Immuno stimulant in Broilers **Nidaullah H.**, Durrani F. R., S. Ahmad, I. U. Jan and S. Gul (2010):
ARPN J. of Agri. and Bio. Sci. 1 (5). ISSN 1990-6145. Available at:
http://www.arpnjournals.com/jabs/research_papers/rp_2010/jabs_0110_175.pdf
2. Post-Flood Drinking Water Quality and its Correlation with Broiler Performance (Flood Pakistan, 2010). **NidaUllah H.**, Roesler U., Pikulkaew S., Zessin K. H., Hafez H. M., Sultan S., (2011); Proceedings: The 2nd international Food Safety and Zoonosis Symposium, Chiangmai, Thailand. July 21-22. Phages 11-13. Available: <http://vphcap.vet.cmu.ac.th/thesis/04/Hafiz%20Nida%20Ullah/Abstract.pdf>
4. Analysis of *Salmonella* Contamination in Poultry Meat at Various Retailings, Different Storage Temperatures and Carcass Cuts- A Literature Survey. Int. J. of Poultry Sci. (2016): **NidaUllah Hafiz**, A.K. Mohammad Omar, Ahmad Rosma, Nurul Huda and Sohni Saima: Available at:
<http://search.proquest.com/openview/095ceb7b9f3aef6f9374acb3deedf75e/1?pq-origsite=gscholar&cbl=2026763> ISSN 1682-8356

5. Evaluation of 3MTM Molecular Detection Assay (MDA) and 3MTM Petrifilm *Salmonella* Express (SALX) System for Detection of *Salmonella* in Naturally Contaminated Poultry and Their Processing Environment (2016): Nadarajan Abirami, **Hafiz Nidaullah**, Li-Oon Chuah, Ahamed Kamal Shamila-Syuhada, S.R. Chandraprasad, Huda Nurul, Hassim Hasmaizal Hasmaizal, Gulam Rusul; Poster presented at IAFP 2016, St Louis Missouri, USA.
<https://iafp.confex.com/iafp/2016/webprogram/Paper12068.html>
6. Evaluation of commercial loop-mediated isothermal amplification based kit and ready-to-use plating system for detection of *Salmonella* in naturally contaminated poultry and their processing environment (2016): Nadarajan Abirami, **Hafiz Nidaullah**, Li-Oon Chuah, Ahamed Kamal Shamila- Syuhada, S.R. Chandraprasad, Huda Nurul, Hassim Hasmaizal Hasmaizal.
J. of Food Control (70): 74–78. Available at:
<http://www.sciencedirect.com/science/article/pii/S0956713516302699/pdf?md5=13a1a6ef75e0622b0e6188bc20b13dc0&pid=1-s2.0-S0956713516302699-main.pdf>
7. Prevalence of *Salmonella* in poultry processing environment in wet market in Penang and Perlis Malaysia (2017). **NidaUllah Hafiz**, Nadarajan Abirami, Ahamed Kamal Shamila-Syuhada, Li-Oon Chuah, Tan Teik Pei, Farah wahida Zianul Abidin and Gulam Rusul. Available at:
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5387655/pdf/VetWorld-10-286.pdf>
8. High occurrence rate of multidrug-resistant ESBL-producing E. coli recovered from table eggs in District Peshawar of Pakistan. Sadeeq ur Rahman, Tasbeeh ullah, Tariq Ali, Umer Saddique, Shakoor Ahmad, Muhammad Shafiq, Sultan Ayaz, Hamayun Khan, Ijaz Ahmad, Asadullah, Raheela Taj, Hafiz Nidaullah, BO Han
Accepted recently in Pakistan Journal of Zoology
9. Chitosan/nano-lignin based composite as a new sorbent for enhanced removal of dye pollution from aqueous solutions. SaimaSohnia, Rokiah Hashima Hafiz Nidaullah, Junidah Lamaming, Othman Sulaiman. International Journal of Biological Macromolecules; Volume 132,1304-1317
10. Molecular diversity and risk characterization of antibiotic resistant *Salmonella* isolated from variety of raw meat purchased from various wet and hyper markets in Penang, Malaysia (*Submission in progress*)
- 11 **Book Chapter:** Nanotechnology for safe and sustainable environment- *Realm of wonders*
Publisher: Current Nanoscience; Volume 2: Pp. 37-117 (81);
Weblink; <https://ebooks.benthamscience.com/book/9781681086453/chapter/164418/>.

Professional references

Name: Prof. Dr. Karl-Hans Zessin

Designation: Professor/Chairman

Organization: International Animal Health

Address: Freie Universität Berlin, Germany