

Dr. Jamith Basha.W. MSc, PhD.

368/A, Salem Main Road,
NewPate
Krishnagiri District,
Tamilnadu – 635001
India.



PERSONAL INFORMATION

Father's Name	Abdul Wahid.A.K
Date of Birth	08-01-1977
Sex	Male
Nationality	Indian
Marital Status	Married
Mother Tongue	Tamil
Languages Known	English, Hindi
Passport Details	Valid up to 11-03-2021
E-mail	Jamith_basha@yahoo.com jamithbasha@gmail.com
Phone (India)	966-509147067(KSA), 91-7550358238 (Ind).

EDUCATIONAL QUALIFICATION

Education	Year	Institution
DOCTOR OF PHILOSOPHY (Ph.D.) IN BIOTECHNOLOGY (INTERDISCIPLINARY MICROBIOLOGY)	2016	Vels University, India
MASTER DEGREE IN MICROBIOLOGY	2002	University of Madras, India
BACHELOR DEGREE IN MICROBIOLOGY	1999	University of Madras, India
HSC	1996	Educational Board of Tamilnadu
SSLC	1994	Educational Board of Tamilnadu

CAREER OBJECTIVE

To secure a challenging and Responsible career in a well established organization to contribute my professional skills efficiently in an innovative way to accomplish the organizational as well as my personal goals.

CAREER HISTORY & ACCOMPLISHMENTS

NORTHERN BORDER UNIVERSITY (MOHE, ARAR, Kingdom of Saudi Arabia)

Working as Lecturer in Microbiology Department Since Sept 2011 to till date.

- ◆ Worked as Testing personal in processing **Bacteriology QC sample from College of American Pathologist (CAP)** has achieved 100 % credits in accreditation of Bacteriology lab from 2015 till date.
- ◆ Handling Diagnostic Microbiology Theory & practical's for Faculty of Applied Medical Science's.
- ◆ Handling Microbiology Practical's for Faculty of Medicine.
- ◆ Training 4th Year Clinical Rotation Students for Applied Science's in Prince Abdul Aziz Hospital.
- ◆ Working as Microbiology Lab specialist in University health center in Alzohara.
- ◆ Have experience in scanning exam papers in examination department.
- ◆ Working as **Laboratory Supervisor & Safety Officer** in documentation for **accreditation process (NACAAA)**. Prepared University Safety, Biosafety, Biohazard Waste Management Plan Manuals.
- ◆ Working as manager in examination department in scanning exam papers (**Sekonic-Optical Mark Reader SR-3500**)

ARAR CENTRAL HOSPITAL (MOH, KSA)

It is 400 bed hospital and as a **referral hospital** in north zone of KSA, ArAr.

- ◆ Having knowledge in preparing all types of media.
- ◆ Handling all types of clinical samples to find out appropriate antibiotic and exact pathogen.
- ◆ Having experience in doing all special tests like serological grouping, beta lactamase test , satellitism method etc .,to identify pathogens
- ◆ Handling automated machines like **BD Phoenix and Seimens Microscan** to identify pathogenic organism and sensitivity testing.
- ◆ Handling semi-automated like **BD BACTECH** machines for blood culture and in semen analysis
- ◆ Doing water analysis to rule out fecal coli forms by MPN technique.
- ◆ Doing food poisoning tests in samples from restaurants.

<p>Worked as Microbiology lab specialist since Oct 2004 to June 2011.</p>	<ul style="list-style-type: none"> ◆ Do identify all types of important pathogenic fungi ◆ Maintaining quality control procedures by using master cultures provided by higher centers. ◆ Supporting infection control program of hospital environment and surgical theatres.
<p>MAZHARUL ULOOM COLLEGE, TAMILNADU, INDIA. (EVENING COLLEGE)</p> <p>Worked as lecturer Since Oct 2002 to July 2004.</p>	<ul style="list-style-type: none"> ◆ Do know all procedures and techniques to identify human pathogenic parasites. ◆ Having elaborate knowledge to reveal about parasites. ◆ Do know morphological nature and life cycle studies of human pathogenic parasites such as flagellates, amoeba, sporozoa, ciliates and helminths. ◆ Do know handling of dark field microscope and applied techniques used to identify appropriate pathogens. ◆ Having knowledge in doing different techniques used to identify human pathogenic parasites like, saline wet mount, iodine wet mount, formal ether concentration method, floatation method, ◆ Do know special techniques to rule out morphology and life cycle of all clinically important pathogenic fungi such as cutaneous mycosis, subcutaneous mycosis, systemic mycosis and opportunistic mycosis. ◆ Having elaborate knowledge about techniques in identifying clinically important fungi such as KOH wet mount, calcofluor white fluorescent stain technique and serological techniques. ◆ Do have thorough knowledge in bacteriology includes morphology, cultural characteristics, biochemical reactions, antigenic structure, pathogenicity, lab diagnosis, epidemiology and prophylaxis. ◆ Do have knowledge about clinically important pathogens such as Enterobacteriaceae, non Enterobacteriaceae, fastidious organisms, spirochetes, mycobacterium, mycoplasma, chlamydiae, gram negative cocci, gram positive cocci, gram positive anaerobic bacilli, gram negative anaerobic bacilli, actinomycetes. ◆ Do know special tests to identify rare clinically important pathogens such as lancfield grouping, CAMP test, satellitism, coagulase, oxidase, catalase, fermentation reactions, germ tube method, capsular staining, optochin, meta chromatic granular staining, X and V factor, esculin hydrolysis, niacin reduction, nitrate reduction test, nagler reaction..... ◆ Do have experience in doing serological diagnosis such

	<p>as latex agglutination, tube agglutination, IHA, ELISA, immuno diffusion.</p> <ul style="list-style-type: none"> ◆ Do have knowledge about basal media, special media, differential media, selective media, enrichment and enriched media. ◆ Do have knowledge in applied fields such as soil microbiology, water microbiology, industrial microbiology, agricultural and food microbiology.
<p>SAMINIZAM SHIFA CLINIC, TAMILNADU, INDIA.</p> <p>It is a well known hundred bed hospital in Krishnagiri district serving public in a very good way.</p> <p>Worked as part time Microbiologist since Oct 2002-July 2004.</p>	<ul style="list-style-type: none"> ◆ Did have good co-operation with co staffs and superior officers. ◆ Did have good relation with patients. ◆ Obeyed concerned management's rules and regulations. ◆ Did all routine microbiological lab work ◆ Handled all kinds of samples like abscessions, fluids includes routine samples like blood, urine, stool etc., ◆ Did know all appropriate methods of inoculation of different samples. ◆ Did know identifying methods of pathogenic microorganism and to rule out pathogenicity of the same. ◆ Did know to issue report right antibiotics against identified pathogenic organisms from patient's sample. ◆ Did work in co-operation with infection control department to rule out Hospital surgical theatre contamination. ◆ Did know to identify all types of parasites. ◆ Did work with leprosy department to rule out <i>Mycobacterium leprae</i>, by collecting samples, staining and AFB culture. ◆ Did handle with <i>Mycobacterium tuberculosis</i>. ◆ Did know how to handle mycological specimens. ◆ Did water analysis by MPN method to rule out fecal coli forms for the certification of water quality.
<p>IMPORTANT PROJECTS IN CAREER</p>	<ul style="list-style-type: none"> ◆ Did my project work during my post graduate study ◆ I selected a very good project during this period and did my work in antibacterial activity testing. ◆ Did Antimicrobial activity test against clinically important pathogens with garlic extract by immuno diffusion

	<p>technique.</p> <ul style="list-style-type: none"> ◆ Did my project work during my P.hd thesis on topic Distribution of Endophytic Fungi in Medicinally Important Hydrophytes and Their Bioactivity (Antibacterial, Antifungal and Anticancer).
<p>APPRECIATIONS & AWARDS</p>	<ul style="list-style-type: none"> ◆ Completed Cardiopulmonary Resuscitation course recognized by the Saudi Council of Health Specialties (Mar 2011) Ministry of Health, Arar Central Hospital, Kingdom of Saudi Arabia. ◆ Having professional registration ID from Saudi Council for Health Specialties.
<p>PAPER PUBLICATION</p>	<ol style="list-style-type: none"> 1. Invitro Antibacterial Activity Of Endophytic Fungal Extracts Isolated From A Pharmaceutically Important Plant Ficus Religiosa L. Kalyanaraman Rajagopal, Maheswari Sundharamoorthy, Arumugam P., Jamith Basha W., Kathiravan Govindarajan And Radhai Rajendran. Int J Pharm Bio Sci 2015 Oct; 6(4): (B) 1093 – 1098. 2. Diversity Of Endophytic Fungi In Phyllanthus Amarus (Schum And Thonn) And Their Antibacterial Activity. Kalyanaraman Rajagopal., Sowparthani* K., Kathiravan G., P. Arumugam, Jamith Basha, N., Meenambiga, M., Durga, A., Ashwini, S. And Radhi, R. Asian Jr. of Microbiol. Biotech. Env. Sc. Vol. 17, No. (4) : 2015 : 999-1003 3. An active principle of <i>Nigella sativa</i> L., thymoquinone, showing significant antimicrobial activity against anaerobic bacteria. Mohammad Akram Randhawa1, Awwad Khalaf Alenazy, Majed Gorayan Alrowaili, Jamith Basha. DOI: 10.5455/jice.20161018021238. 4. Antimicrobial Activities of Oyster Mushroom <i>Pleurotus ostreatus</i> (Jacq. ex. Fr.) Kummer. Bawadekji, A., Mridha, M.A.U., Al Ali, M., Jamith Basha, W. <i>J. Appl. Environ. Biol. Sci.</i>, 7(10)227-231, 2017. 5. Biosynthesis of Gold Nanoparticles using <i>Pleurotus ostreatus</i> (Jacq. ex. Fr.)Kummer Extract and their Antibacterial and Antifungal Activities. Bawadekji*, A., Oueslati , M. H., Al Ali, M., Jamith Basha, W. <i>J. Appl. Environ. Biol. Sci.</i>, 8(3)142-147, 2018.

6. *Deverra tortuosa* (Desf.) DC from Saudi Arabia as a new source of marmin and furanocoumarins derivatives with α -glucosidase, antibacterial and cytotoxic activities. Mohamed Habib Oueslati ^{a,b,*}, Arbi Guetat ^{c,d}, Jalloul Bouajjila ^e, A. Khuzaim Alzahrani ^f, **Jamith Basha** ^f
<https://doi.org/10.1016/j.heliyon.2021.e06656>
7. Phenotyping and Molecular Characterization of Extended-Spectrum Beta-Lactamases among Clinical Isolates of Gram-Negative Bacilli in Arar Tertiary Care Hospital, Saudi Arabia. Mohamed Soliman, Jayakumar Subramaniam, **Jamith Basha Abdul Wahid**, Khalid Mohammed Refaat.
<https://doi.org/10.24321/0019.5138.201805>
8. Antibacterial effects of methanolic extract of *Salvia officinalis* L, including MRSA and multidrug resistant *Acinetobacter baumannii*, Mohammad Akram Randhawa¹, Abdulhakim Bawadekji, Mouhanad Al Ali, Mohamed Habib Oueslati, **Jamith Basha, W.**
eIJPPR 2018; 8(4):1-5
9. Global priority critical pathogens-its prevalence and molecular epidemiology in Arar tertiary care hospital, Saudi Arabia. Jayakumar Subramaniam, Mohamed Soliman, **Jamith Basha Abdul Wahid**, Khalid Mohammed Refaat, Sana Abdelkareem Alsadrah.
DOI: 10.4328/JCAM.6036.
10. 'Analysis of endophytic fungal extracts of therapeutically important hydrophytes for different chemical compounds' **Jamith Basha, W.,** Kalyanaraman Rajagopal., Meenambiga, S.S., Arulmathi, R., Kumaresan, S., Kathiravan, G., Prabhakaran, R. and Rajesh, S.V.R., Gayathri, G and Kathiresan, A.K..
DOI: 10.5958/0974-360X.2019.00867.9
11. Microemulsions: unique properties, pharmacological applications, and targeted drug delivery, Nida Suhail, A Khuzaim Alzahrani, **W Jamith Basha**, Nadeem Kizilbash, Arsalan Zaidi, Jaweria Ambreen, Hassan M Khachfe.
doi: 10.3389/fnano.2021.754889
12. Prevalence of Urinary Tract Infection among Women in Arar, Saudi Arabia, Alzahrani A.K, **Basha W.J** Kizilbash.
N. Research Journal of Biotechnology, V-17, 2022/12.

	<p>13. Natural chalcone dye-functionalized magnetite nanoparticles: Synthesis, characterizations and performance for the removal of methylene blue and the antibacterial activity, Mohamed Habib Oueslatia, Lotfi Ben Taharb,* , Ahmed Khuzaim Alzahranic, Jamith Basha. https://doi.org/10.1016/j.dwt.2024.100256.</p> <p>14. Detection of Biofilm Forming Methicillin-Resistant Staphylococcus aureus from Diabetic Foot Ulcer Patient Pus Sample and its Antibiotic Susceptibility Test. Jamith Basha Abdul Wahid^{1*}, Muhannad Alruwaili¹ and Balasubramanian A.² https://doi.org/10.33745/ijzi.2024.v10i02.114.</p> <p>15. Screening the Antibacterial Activity of Garlic (Allium sativum) Extract against Methicillin-Resistant Staphylococcus aureus (MRSA). Jamith Basha Abdul Wahid a*. DOI: 10.56557/upjoz/2024/v45i214649.</p>
<p>COMPUTER LITERACY</p>	<ul style="list-style-type: none"> ◆ Done Diploma in Windows, MS Office at Apollo Computer Education Institute in July 2011.
<p>TRAINING, SEMINARS & WORK SHOPS IN ARAR</p>	<ul style="list-style-type: none"> ◆ Academic Program “IMMUNOFLUORESCENCE and AUTOIMMUNE DISEASES” held at Abdullah Bin Abdulaziz Bin MUSAAD CME hall (Dec 2010), Arar Central Hospital, Northern Border Region, Kingdom of Saudi Arabia. ◆ “Total quality management in medical education” Held on Dhul-Qa'dah (Oct 2011), Northern Border University, Arar Kingdom of Saudi Arabia. ◆ Attended MD Consult and Clinica key Training session at Northern Border University, Kingdom of Saudi Arabia (Apr 2013). ◆ The directorate of Civil Defense in The Northern Border Region certify that had attended “Training Course “on how to use Fire Extinguishers and how to act in case of fires 2013. ◆ Participated in Blackboard Learn workshop in Deanship of e-Learning & Distance Learning at Northern Border University, Kingdom of Saudi Arabia (31/03/2014 – 03/04/2014). ◆ Attended the Journal Club Seminars at College of Medicine, Northern Border University, Arar, Kingdom of Saudi Arabia (2014-2018). ◆ Attended 2 days “1st Scientific Laboratory Conference in Northern Zone of Saudi Arabia” (LABORATORY TRAINING

	<p>COURSE) Nov 2015.</p> <ul style="list-style-type: none"> ◆ Attended seminars about Biohazard disposal techniques. ◆ Attended seminars on waste water recycling and disposal methods.
DETAILS OF LICENSES	<ul style="list-style-type: none"> ◆ Having valid driving license for small vehicles of India ◆ Having valid driving license for small vehicles of Kingdom of Saudi Arabia.
INTEREST AND HOBBIES	<ul style="list-style-type: none"> ◆ Much interest in reading books and journals ◆ Browsing internet
REFERENCES	<ul style="list-style-type: none"> ◆ Will be furnished upon request