# SHORTCURRICULUM VITAE

# *Short Curriculum vitae, Prof Dr Falah AM Salih*

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**Name:** Falah Abbas Mohamad Salih, PhD Clinical Biochemistry

**Last position:** Professor (Clinical Biochemistry and Molecular Biology),

Head Department of Biochemistry and Molecular Biology

Faculty of Medicine and Health Sciences, UMS, Malaysia

**Current position:** EX-Head Department of Medical Biochemistry, Faculty of Medicine,

AL-Warith University, Karbala

**Status:** Married with three children

**Nationality:** Iraqi

**Corresponding Address:** falahsalih10@gmail.com

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**1. Profile**:

Thirty six (36) years’ experience in teaching and research, undergraduate and postgraduate students, national and international in the faculty of medicine, pharmacy, dentistry, allied health, biotechnology and nursing, same time as laboratory diagnosis consultant in government hospitals.

The following topics have been taught: Clinical Chemistry, Biochemistry, Medical Biochemistry, Molecular biology, Cell Biology, Genetics, Molecular genetics and Forensic DNA.

During my carriers, numbers of research papers have been published, national and international invited speaker. Furthermore, examiner of many Master and PhD thesis, Evaluator of professorship and FRGS grant Malaysia.

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1. **Research interest:** Molecular Bases of diseases (Cancer)

**3. Some Training Courses**

**1**. Certificate: Mutation Detection Training Courses organized by Human Genome Organization

**(HUGO)** from 24th-28th October 2008. **Erasmus Medical Centre Rotterdam, Netherlands**

**2**. Certificate: Training Course in **Forensic DNA**: Now and beyond: Interpretation Issues Regarding

Mixed Stains, November 2007 Kula Lumpur, **Malaysia.**

**3**. Certificate: Mutation Detection Training Course organized by Human Genome Organization

**(HUGO)** from 31st August 2006- 4th September 2006. **Leiden, Netherlands.**

**4**. Certificate: Training Course in **genetic counseling**, Institute of human genetic University

of Ottawa**, Canada** 2005

**5.** Mutation Detection Training Courses using Real Time PCR and DNA Sequencer.

2004 USM, KB, **Malaysia**.

**6.** Mutation Detection Training Course using DHPLC Technique. UMBI, UKM, 2003.

**7**. Training Courses on microarray techniques. USM, **Malaysia**, 2003.

**8**. Many other training courses in teaching, medical laboratory diagnosis and research.

**9**. Post-Doctoral Research Scientist, Delhi University, **Delhi,** working on Calmodulin as

Biomarker for AIDS Diagnosis. 1986- 87

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**4. Membership**

1. Human Genome Organization HUGO
2. International Iraqi Medical Association
3. Malaysian society of Biochemistry and Molecular Biology
4. Malaysian Human Genome Association

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**5.**  **Current Research Grants, Malaysia**

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| **Research Grant**  *Research Title* | *Research Grants* | *Researcher or Co Researcher* |
| **1. Molecular Analysis of Breast Cancer Cells**  **Growth Inhibition by Calmodulin**  **Antagonists** | **FRGS**  **2014**/**2** | **Principle researcher** |
| **2. Role of Calmodulin Antagonists in Colon**  **Cancer Cells Proliferation and Migration**  **Via cAMP Pathway mechanism.** | **FRGS**  **2018/1** | **Principle researcher** |
| **3. Empowerment of tuberculosiscontrol**  **throughgenomic epidemiology database**  **in Sabah.** | **TRGS**  **01/12/2016** | **Co-researcher** |
| **4. Isolation, Identificationand Detection of**  **Virulence Genes of Vibrio**  **Perehaenolyticus Isolated from**  **Seawater Shrimps** | **UMS**  **01/10/2017** | **Co-researcher** |
| **5. Evaluation of Candidte Genes for**  **Detection of Mycobacterium Tuberculosis in sputum using qPCR** | **UMS**  **8/2018** | **Co-researcher** |
| **6. Role of calmodulin antagonists in**  **regulating Angiotensin-converting**  **enzyme 2 (ACE2) geneexpression “ACE2**  **as potential therapeutic target for**  **Covid-19 infection”** | **UMS**  **2020** | **Principle researcher** |
| **7. Molecular Analysis of β thalassemia**  **mutations in Sabah as Potential**  **Therapeutic Targe** | **UMS**  **2020** | **Principle researcher** |
| **8. Consetraction and evaluation ofv DNA**  **vaccine against V. Cholerae and**  **V.parahaemolyicus** | **UMS**  **2020** | **Co-researcher** |
| **9. Demographicrevilance, pattren and**  **distribution of Complementary and**  **Alternative medicine in the state of**  **sabah** | **UMS**  **2020** | **Co-researcher** |

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**6**. **Current Postgraduate Supervision, Malaysia**

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| **Current Postgradute**  **Students UMS (2020)**  *Student’s name* | *Research Title* |
| **1. Ahmad Zaidi (PhD)**  **Main supervisor** | **Molecular Analysis of Breast Cancer Cells Growth Inhibition by Calmodulin Antagonists.** |
| **2. Nursharmie Amira Binti**  **Yamin (MSc)** | **Isolation, identification and detection of virulence genes of vibrio parahaenolyticus isolated from seawater shrimps** |
| **3. Latifah suali ( PhD)**  **Main supervisor** | **Molecular Analysis of β thalassemia mutations in Sabah as Potential Therapeutic Targe** |
| **4. Fiona Thomas (PhD)**  **Main supervisor** | **Role of Calmodulin Antagonists in Colon Cancer Cells Proliferation and Migration via cAMP Pathway mechanism** |
| **5. CHANG ZI YUAN (PhD)**  **Main supervisor** | **Role of calmodulin antagonists in regulating Angiotensin-converting enzyme 2 (ACE2) gene expression“ACE2 as potential therapeutic target for Covid-19 infection”** |

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**7. Program Leader**

1. Coordinator of Module MM10208, phase I, MBBS program, UMS

2. Coordinator of year one, semester one, MBBS, IIUM

3. From 2013 to 2015 appointed as president of the sport carnival (FMHS).

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**8. Development of new program**:

1. BSc program on Laboratory Management, UMS (In process).

2. Master molecular biology, 2011, GMU.

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**9. Consultation:**

1. Molecular Biologist Research Consultant for Brain Dementia International project

(TF0300C047 D Brain Multi Agent Bio-Grid-SOA), Malaysia

1. International Professorship evaluator
2. FRGS Research Grant evaluator, Malaysia

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**10. Scientific Awards**

1. ICMR scholarship 1982 India
2. Gold Award (SBC, 1984) India.
3. Silver Award (College Level), Medicine, IIUM, 2009.

4. Extension activities staff award (UMS, 2013, 2014).

5. Silver award in research and publication 2013, 2014, UMS.

6. Special award, outstanding services (University level 2013,2014).

7. Best research paper award

8. Best Research paper (University level)

a. Gold 2016

b. Silver 2013, 2014, 2019

c. Bronze 2017

9. Sport award: University level 2013, 2014

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**11. Publication and conferences during 2019-2023**

**1**. Zi Yuan Chang, Falah Abbas Muhamad Salih Alhamami, Kai Ling Chin. Characterisation of

a ssDNA Aptamer with Inhibitory Activity on Interaction Between SARS-CoV-2 Spike 1

Protein and Human ACE2 Protein as a Potential Treatment for COVID-19. Applied

Biochemistry and Microbiology **2024 volume 59**

**2**. Falah AMS, Janan N, Sarah Salih. “CRISPR/CAS9; GENE EDITIN TECHNOLOGY”

THE HOPE FOR CARDIOVASCULAR DISEASE. XI International Congress of Cardiology

& Cardiovascular Imaging. 29th -30 October 2023 Dubai

**3**. Zi Yuan Chang, **Muhamad Salih Falah Abbas** and Kai Ling Chin. Aptamer- Based Strategies

to Address Challenges in **COVID-19** Diagnosis and Treatments. Interdisciplinary Perspectives

on Infectious Diseases, **Volume 2023**

**4**. Latifah Suali**, Falah Abass Mohammad Salih**, et al. Genotype-Phenotype Study of **β-**

**Thalassemia** Patients from Sabah: Hemoglobin, international journal for hemoglobin research

Volume 46, **2022** - Issue 6, Pages 317-324

**5**. **Falah Abbas** Muhamad Salih, et al. Modulation of POPDC1 Expression by Phenothiazine

and Trifluoperazine Suppress **Colon Cancer** Growth and Migration. Asian Pacific

Journal of Cancer Prevention, Vol 23 p. 2863, 23/08/**2022**

**6.** **Falah A.MS**, Wafa F.I, Janan N.H. “**Corona virus-2** “Cell Cycle and Possible Therapeutic

Targets”. 12th National and 4th International Biotechnology Congress of Islamic Republic

of Iran, August 22-24, **2021**

**7.** Marilyn Jane Yong, Ahmad Zaidi Tani, **Falah Abass** Mohamed Salih, et al.

Aqueous leaf extract of *Clinacanthus nutans* inhibits growth and induces apoptosis via

the intrinsic and extrinsic pathways in MDA-MB-231 **human breast cancer**

cells. Pharmacognosy Magazine, Oct-Dec **2020** | Vol 16 | Issue 72 pag 689-694

**8**. David Matanjun, Mohammad Saffree Jeffree, **Falah Salih**, et al. Ethnomedicine in Sabah:

pas trends and future perspectives. 1st International Borneo Healthcare and Public

Health Conference UMS, Kota Kinabalu **2020.**

9. Chandrika M, Falah Salih, et al. Antiviral treatment options for covid-19 by reduction of viral

load and viral shedding. International journal of medical and biomedical studies. V 4, issue 6;

june:**2020**; page no. 74-75.

10. Chandrika M, Falah Salih, et al Risk factors of **covid 19** transmission in cholera endemic

countries. IJMBS volume 4, issue 6; **2020**; page no. 82-83.

11. Chandrika M, Falah Salih, et al Zinc supplementation for respiratory illness and acute

gastroenteritis as complement treatment for **covid-19**. IJMBS, volume 4, issue 6; June: **2020**;

page no. 79-81.

**12.** Chandrika M, **Falah Salih**, et al Treatment of gastroenteritis in covid-19 children. IJMBS,

volume 4, issue 6; **2020**; page no. 76-78.

**13**. David Mutanjun, **Falah Salih**, et al. Peet-root oral rehydration salts and carrot oral

rehydration salts formula in stopping diarrhea and enhancing hydration status better the

standard glucose based oral rehydration salts **2020** (proceeding)

**14**. Brož, B Jarošová, **SFA Salih**, M Brabec, **FMA Salih**. Association between

**Diabetes mellitus** and mortality among patients with tuberculosis. International journal of

tuberculosis and lung disease**.** Vol. 23, Issue 5. 1/5/**2019**

**15**. BJ, **Salih F M.A.** Diabetes Mellitus as a Risk Factor of Interval **Colon Cancer**.

Digestive diseases **23/07/2019**

**16**. **Falah AM Salih**, Murtaza Mustafa, EM. Illzam, AM Sharifa, MK Nang. Infectious Agents

Associated with **Cancer**. Sci. Int., 31(2), 331-337, **2019**

**17**. **Falah salih**, Murtaza Mustafa, AM. Sharifa, Jan Broz, Janan Hadi,

EM.Illzamn. Contributory factors and Prevention of **Coronary Heart Disease**.

International Journal of Pharmaceutical Science Invention (2), 11-17, 23/07/**2019**

**18.** Translation Termination Mutations Analysis using the Protein Truncation Test on Exon11A

of the BRCA1 Gene in Female **Breast Cancer** Patients of Pahang, Malaysia

MSA Ahmed G. Alattraqchi, M.I.A. Mustafa, Salih F, Nasser Amjad ...

Journal of Advanced medical research. 2 (2), 61-69

**19**. Falah A. M. Salih , Ahmad Zaidi Tani , Vijay Kumar , Janan Hadi and David Mutanjun

**Calmodulin Antagonists as Potential Therapeutic Agents for Cancer Treatment**

**“Breast Cancer”**. J Molecular Cancer 2, 20

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**12. Research papers ready to be send for publication**

Few more ready to be sending for publication

**13. Book**

**Mohamad Salih FA**, et al. Simplified Molecular Biology for Medical Doctor (In process)

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Clinical Biochemistry and Molecular Biology

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