

CURRICULUM VITAE

NAJEEB MOHAMMED SOUFIYAH

Date of birth: 15.03.1971

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Nationality: Libyan.

Dept. of Microbiology & Immunology

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Faculty of Pharmacy, University of Tripoli

Language skills: Arabic and English

Professional Details:

June 2022 – Present: Head of the National Program for Anti-snakes, Anti-scorpions and Anti-spiders, National Center for Disease Control, Ministry of Health.

February 2022 – Present: Professor of Clinical Microbiology School of Biological Sciences, Department of Biomedical Sciences The Libyan Academy.

November 2021 – Present: Head of the Main committee for the preparation, revision and updating of the List for Essential and Special Medicines of the Public Health Sector, Ministry of Health.

July 2020 – December 2021: Director of the Postgraduate Office at the Faculty of Pharmacy, University of Tripoli.

June 2018 – Present: Professor of Molecular and Pharmaceutical Microbiology at the Department of Microbiology and Immunology, Faculty of Pharmacy, University of Tripoli.

September 2015 – Present: Chief Inspector, Ministry of Health, Department of Pharmacy, for the application and assurance of cGMP regulation and standards compatibility of the Pharmaceutical Manufactures importing medications, medical Devices and Equipment to Libya.

May 2017 – 2019: Member of the Scientific Committee, Ministry of Health.

January 2015 – August 2015: Head of the Food and Drug unit in the University Reference Laboratory Committee.

January 2015 – August 2015: Postgraduate Coordinator of Microbiology and Immunology Department, Faculty of Pharmacy, University of Tripoli.

June 2014 – June 2018: Associate Professor in Molecular and Pharmaceutical Microbiology. Tutor in **MSc program** in the Microbiology and Immunology Department, Faculty of Pharmacy, University of Tripoli.

October 2011 – March 2014: Postgraduate Coordinator of Microbiology and Immunology Department, Faculty of Pharmacy, University of Tripoli.

2010 – Present: Consultant and Member of Scientific Committee at the Department of Drug Control, Centre for Food and Drug Control in Libya.

June 2010 – June 2014: Assistant Professor in Molecular and Pharmaceutical Microbiology. Tutor in **MSc program** in the Microbiology and Immunology Department, Faculty of Pharmacy, University of Tripoli.

April 2009 – June 2010: Lecturer in Molecular and Pharmaceutical Microbiology, Microbiology and Immunology Department, Faculty of Pharmacy, University of Tripoli.

March 2008 – September 2011: Head of Microbiology and Immunology Department, Faculty of Pharmacy, University of Tripoli.

August 2007 – June 2010: Lecturer in Pharmaceutical and Molecular Microbiology and Bacterial Physiology.

Qualifications:

September 2004 – June 2007: PhD, (*Awarder with A1 class, i.e. without any corrections*) "Potential for Bacterial Alarmones to Induce Antimicrobial Resistance". Biofilm Research Group, School of Pharmacy and Pharmaceutical Sciences, University of Manchester, U.K.

Master of Philosophy "M.Phil"., (2002). An investigation of Bacterial Death by Antimicrobials. School of Pharmacy and Pharmaceutical Sciences, University of Manchester, U.K.

B. Pharm (Hons) (1995). Faculty of Pharmacy, University of Tripoli, Tripoli – Libya. Honors project entitled: Isolation and Identification of Salmonella Bacteria from Meat Samples.

**Employment and
Teaching Activities:**

1995 – 2000: Teaching assistant and practical demonstrator for 2nd and 3rd Pharmacy students. University of Tripoli, Faculty of Pharmacy.

1995 – 2000: Dispenser Pharmacist and Pharmacy Manager in my own Pharmacy “evening business hours”, Tripoli–Libya.

2001 – 2002: Student practical demonstrator for 1st year Pharmacy Undergraduate for Introductory Microbiology. School of Pharmacy and Pharmaceutical Sciences, The University of Manchester, U.K.

2004 – 2007: Student practical demonstrator and teaching assistant for 3rd year Pharmacy Undergraduate - Advanced Microbiology and Clean Area Dispensing Protocols. School of Pharmacy and Pharmaceutical Sciences, The University of Manchester, U.K.

2007 – Present: Member of the teaching staff at the Department of Microbiology and Immunology. Module, the Molecular and Pharmaceutical Microbiology for both Undergraduate and Postgraduate Programs, specifically the antimicrobial chemotherapy and bacterial infectious diseases. Faculty of Pharmacy, University of Tripoli.

2011 – Present: supervising a number of MSc students – 8 students – till now. Seven students were graduated and the rest are in the writing up phase. Examining other MSc student for the degree exam (viva).

**Membership of
Professional
Societies:**

- The Biofilm Club, Manchester, U.K.
- The American Society for Microbiology "ASM", USA.
- Society for Applied Microbiology "Sfam", U.K.

**Main research
Interests:**

- Microbiological Quality Control Measures and Standards for sterile and none sterile dosage forms
- Antibiotic and Biocide Resistance in Bacterial Populations.
- Antimicrobial Quality Control of Newly Extracted Natural Products and Medicinally formulated pro-drugs.
- Microbial Physiology and Cell Cycle.
- Molecular Investigations into Bacterial Persistence and Antimicrobial Action.

- Molecular Investigations, Phenotyping and Genotyping of bacteria associated with hospital infections and contamination.
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Publications:

Hend Shubar, Manal Abdul Gawad, Basma Doro, **Najib Sufya**, Attiya Alatery, Salah B. Mohamed and Najat Al Magrha (2018) Activity of Honey and Propolis on Bacteria Isolated from Diabetic Foot. Journal of Advances in Microbiology, 13(1); 1 – 8.

Aisha Busife, Hesham Ziglam, Abdulaziz Zorgani, Muhammed Elhadi, Hazem Ahmed, Ahmed Elhadi and **Najib Sufya** (2018) Predictable Factors Affecting the Virological Response Among Chronic Hepatitis C Virus Patients in Libya, Clinical and Molecular Hepatology, 153 – 153.

Aisha Busife, Hesham Ziglam, Abdulaziz Zorgani, Muhammed Elhadi, Hazem Ahmed, Ahmed Elhadi and **Najib Sufya** (2018) Role of Interleukin 28B Polymorphisms in Response to Interferon Based Therapy for Hepatitis C Virus Clearance in Libya, Clinical and Molecular Hepatology, 167 – 167.

Aisha Busife, Hesham Ziglam, Abdulaziz Zorgani, Muhammed Elhadi, Hazem Ahmed, Ahmed Elhadi and **Najib Sufya** (2018) Hepatitis C Virus Genotypes and Subtypes Circulating in Libya, Clinical and Molecular Hepatology, 168 – 168.

Shushni M., Eddeb, M., Mohamed, S. and **Sufya, N.** (2017) In Vitro Anti-MRSA and Antioxidant Activities of Different Aerial Part Extracts of *Cakile maritime*. AlQalam Journal of Medical and Biological Research, 1;(1): 13-17.

Abdulaziz Zorgani, Amna Albusafi, **Najib Sufya**, Abdulla Bashein and Allaaeddin Ali El Salabi. (2017) *bla*-VIM Gene among Metallo- β -Lactamase Producing *Pseudomonas aeruginosa*. EC Microbiology 13.2: 76-83.

Abdulaziz Zorgani, Hiyam Daw, **Najib Sufya**, Abdullah Bashein, Omar Elahmer and Chedly Chouchani. (2017) Co-Occurrence of Plasmid-Mediated AmpC β -Lactamase Activity Among *Klebsiella pneumoniae* and *Escherichia Coli*. The Open Microbiology Journal, 11, 195-202

Abdulaziz Zorgani, Asma Almagatef, **Najib Sufya**, Abdulla Bashein, Abdullatif Tubbal (2017) Detection of CTX-M-15 among uropathogenic *Escherichia coli* isolated from five major hospitals in Tripoli, Libya. Oman Medical Journal. Ref.: Ms. No. OMJ-D-16-00143R1

Rehab R. Walli, Nadia M. Attaib and **Najib M. Sufya** (2014) Evaluation some risk factors of Libyan children with autism spectrum disorders in Tripoli. Libyan Journal of Medical Research, 8: 50-58

Najib M. Sufya, Rehab R. Walli, Fatima M. Wali¹, Marwa S. Alareiba¹ and Basma M. Doro (2014) Studies of the antimicrobial activity of Black Seed Oil from *Nigella Sativa* on *Staphylococcus aureus* and *Escherichia coli*. Libyan Journal of Medical Research, 8: 59-68

NAJIB SUFYA, Noora Matar, Rawanda Kaddura, Abdulaziz Zorgani (2014) Evaluation of Bactericidal Activity of Hannon Honey on Slowly Growing Bacteria Cultured in the Chemostat. Drug, Healthcare and Patient Safety, 6: 139-144.

Suhira, M. Aburawi, Najlaa, M. Alahmer, Najmea, F. Eltaif., Rida, A. Altubuly. And **NAJIB M. SUFYA**. (2013) Effect of Vitamin C on Penicillin G Efficacy to Inhibit Bacterial Populations. Tripolitana Medical Journal, 2 (2): 44-49.

McBain, A. J., **SUFYA, N.** and Rickard, A. H. (2013) Biofilm Recalcitrance: Theories and Mechanisms, in Russell, Hugo & Ayliffe's: Principles and Practice of Disinfection, Preservation and Sterilization, 5th Edition (eds A. P. Fraiese, J.-Y. Maillard and S. A. Sattar), Wiley-Blackwell, Oxford, UK. doi: 10.1002/9781118425831.ch4

NAJIB M. SUFYA, Nesrin, S. Ghnan, Salah, B. Mohamed. and Nouri B. Ermeli. (2013) Antimicrobial Activity of Ramath (*Retama raetam*) Extract Against Gram positive and Gram negative bacteria. World Academy of Science Engineering and Technology.75: 331-337.

NAJIB SUFYA, Fatima Wali and Marwa Alareiba (2012) An Evaluation of the Antimicrobial Activity of Black Seed Oil on *Staphylococcus aureus* and *Escherichia coli* bacteria. The Libyan Journal of Infectious Disease, 6 (1&2): 23 – 30.

Suhira, M. Aburawi, Najlaa, M. Alahmer, Najmea, F. Eltaif., Rida, A. Altubuly. and **NAJIB M. SUFYA**. (2013) The Possible Role of Vitamin C on the Effect of Penicillin G in Inactivating Bacterial Populations. The Libyan Journal of Infectious Disease, 6 (1&2): 36 – 44.

SUFYA, N. and Gilbert, P. (2011). Resistance, Persistence and Recalcitrance of Bacterial Biofilms: a State “Tail” of Lassitude. Tripolitana Medical Journal. 1: 1-10.

SUFYA, N. (2010). Evaluation of the Antimicrobial Activity of Oregano (*Origanum vulgare*) Against Gram-negative Bacteria. New Egyptian Journal of Microbiology. 26: 170-177.

SUFYA, N. (2010). The Susceptibility of Bacteria Grown at Different Growth Rates to Some Antibiotics and Bee Honey: a Comparative Study. New Egyptian Journal of Microbiology. 26: 157-168.

SUFYA, N. (2010) Bacterial Biofilms: Will Develop a Focal Point for the Evolution of Antibacterial Resistance. Libyan Journal of Medical Research. 7(1): 5-15.

EL-turbi, M. J., **SUFYA, N.** and Elafi, M. A. (2009). Phytochemical Screening of *Artemisia herba alba* asteraceae. *Assatel Journal*. 7: 85-95.

SUFYA, N., Allison, D.G. and Gilbert, P. (2003) Clonal variation in maximum specific growth rate and susceptibility towards antimicrobials. *Journal of Applied Microbiology*. 95: 1261-1267.

SUFYA, N., Allison, D.G. and Gilbert, P. (2003) Resistance of biofilm communities: a tail of lethargy. In *Biofilm Communities: Order from Chaos?* Edited by McBain, A., Allison, D.G., Brading, M., Rickard, A., Verran, J. and Walker, J. pp 285-297. Bioline, Cardiff, UK.

Gilbert, P., Allison, D.G., Rickard, A., **SUFYA, N.**, Whyte, F. and McBain, A.J. (2001) Do biofilm present a nidus for the evolution of antimicrobial resistance? pp. 341-351. In P. Gilbert, D. G. Allison., M. Breeding., J. Verran. And J. Walker. (ed), *Biofilm community development: chance or necessity?* Bioline Press, Cardiff, Wales.

Academic Referees:

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