

CURRICULUM VITAE

Personal Details

Name: Nawal Ahmed Mohammad Al-Henhena

Nationality: Yemeni

Status: Mother of Two daughters

Spoken Language: Arabic and English

Degree: PhD

Field: Molecular Medicine (Biochemistry)

Biomedical Science Department

Faculty of Medicine

University of Malaya

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Education

PhD Degree in field of Molecular Medicine (Biochemistry)/Biomedical Science Department / Faculty of Medicine/ University Malaya/ Malaysia (2011-2015)

Master Degree in clinical Biochemistry /Biochemistry Department / Faculty of Medicine/ Sana'a University/ Yemen (2004-2007) courses and full research.

Bachelor Degree in Diagnostic Medicine / Faculty of Medicine /Sana'a University/ Yemen (1998 -2003).

English language YALI program standard program 2010

Sana'a University Computer Driving License

Employment History and Work Experience

Sana'a University – Yemen, Teaching in lab from 2004 – 2010

Lab work (2004 -2010) with variety of techniques

Working with academic members of the project team in order to deliver project outcomes. Responsible for writing up research papers and presenting research findings to senior managers and also at academic meetings.

Duties:

- Identifying suitable techniques for the collection and analysis of data.
- Assisting in the development & preparation of continuing funding opportunities.
- Contributing to team decisions about research directions.
- Ensuring the validity and reliability of data at all times. Data coding, data entry, transcribing, data analysis & assistance with writing up.

Research Skills:

- Extensive knowledge of spreadsheets and database tools.
- Ability to prioritize own work in response to deadlines.
- Excellent research skills. Able to plan research and organize tasks effectively.
- Ability to resolve problems independently. Possessing a creative approach to problem-solving.
- Flexible with working hours and having excellent interpersonal skills. Experience in carrying out experimental research.

Knowledge of maintaining safe workplace practice and procedures in accordance with the requirements of Health and Safety legislation

Using some techniques as

ELISA, RT-PCR, HPLC, Tissue (cell line) culture, Antimicrobial study, Tissue histological study (processing and staining), Animal researches. Statistical analysis SPSS (work on SPSS), RT-PCR data analysis (professional training on RT-PCR).

Academic Achievements and Awards

1) Publications

A) Published article

1- Al-Henhena, N., Poh, R. P., Ismail, S., Najm, W., Khalifa, S. A., El-Seedi, H., & Abdulla, M. A. (2014). Chemopreventive efficacy of *A. paniculata* on azoxymethane-induced aberrant colon crypt foci *in vivo*. *PloS One*, 9(11), e111118.

2- Nawal Al-Henhena¹, Shaden A. M. Khalifa², Rozaida Poh Yuen Ying¹, Pouya Hassandarvish¹, Elham Rouhollahi¹, Nahla Saeed Al-Wajeeh¹, Habibah Mohd Ali³, Mahmood Ameen Abdulla^{1,*} & Hesham R. El-Seedi^{3,2,4,*} In. Chemopreventive effects of *Strobilanthes crispus* leaf extract on azoxymethane induced aberrant crypt foci in rat colon. *Scientific Reports* | 5:13312 | DOI: 10.1038/srep13312.

3- Nawal Al-Henhena¹, Shaden A. M. Khalifa², Rozaida Poh Yuen Ying¹, Salmah Ismail³, Riad Hamadi⁴, Abdrabu N. Shawter¹, Azila Mohd Idris⁵, Ainnul Azizan⁵, Nahla Saeed Al-Wajeeh¹, Mahmood Ameen Abdulla^{1*} and Hesham R. El-Seedi^{5,6}. Evaluation of chemopreventive potential of *Strobilanthes crispus* against colon cancer formation *in vitro* and *in vivo*. *BMC Complementary & Alternative Medicine*, (2015) 15:419 DOI 10.1186/s12906-015-0926-7

4- Al-Henhena, A. A. Mahmood, A. Al-Magrami*, A. B., Nor Syuhada, A. A. Zahra, M. D. Summaya, M. S. Suzi and I. Salmah. Histological study of wound healing potential by ethanol leaf extract of *Strobilanthes crispus* in rats. *Journal of Medicinal Plants Research* Vol. 5(16), pp. 3660-3666, 18 August, 2011.

5- Walaa Najm Abood, Nawal Ahmed Al-Henhena, Mazen. M. Al-Obaidi, Salmah Ismail, Mahmood Ameen Abdulla, Rami Al Batran. Wound-healing potential of the fruit extract of *Phaleria macrocarpa*. *Bosnian Journal of Basic Medical Sciences*. 2015;15(2):25-30.

6- Rouhollahi E, Moghadamtousi SZ, Al-Henhena N, Kunasegaran T, Hasanpourghadi M, Looi CY, Abd Malek SN, Awang K, Abdulla MA, Mohamed Z. The chemopreventive potential of *Curcuma purpurascens* rhizome in reducing azoxymethane-induced aberrant crypt foci in rats. *Drug Design* Vol: 2015:9, pp 3911-3922, 27 July, 2015.

7- D.A.A. Bardi, M.A. Sarah Khan, S.Z. Sabri, F.A. Kadir, A.A. Mahmood, A. A. Zahra, S.M. Suzy, N. Al-Hanhana, A. Al-Magrami (2011). Anti-ulcerogenic activity of Typhonium flagelliforme aqueous leaf extract against ethanol-induced gastric mucosal injury in rats. *Scientific Research and Essays* 6(15): 3232-3239 (ISI-Cited Publication)

8- Abdrabuh N. Shwter, Nor Azizan Abdullah, Mohammed A. Alshawsh, Nawal A. Al-Henhena, Shaden A.M. Khalifa³, Mahmood A. Abdulla, and Hesham R. El-Seedi, Chemopreventive effect of *Phaleria macrocarpa* on colorectal cancer aberrant crypt foci *in vivo*. *Ethenopharmacology*. Accepted

2/ Awards

ITEX Silver Medal, Active ingredients from Acanthaceae used in the prevention and treatment of skin disorders in Malaysia pet Animals. 22nd International Invention, Innovation & Technology Exhibition ITEX 2011 Kuala Lumpur, Malaysia, held from 20th - 22nd May 2011.

Conferences/ Oral Presentation

1- Nawal Al-Henhena^{1*}, Mahmood Ameen Abdulla¹, Rozaida Poh Yuen Ying¹ Oral presentation in 11th MPS Malaysian Pharmaceutical Society Pharmacy Scientific Conference 2012 (MPS-PSC 2012) held on 31st Oct - 2nd Nov 2012. Istana Hotel, Kuala Lumpur.

2- Nawal Al-Henhena^{1*}, Mahmood Ameen Abdulla¹, Rozaida Poh Yuen Ying¹ Oral presentation in International Conference on Natural Products 2014 (ICNP 2014) held on 18-19 March 2014, Palm Garden Hotel, IOI Resort Putrajaya, Malaysia.

3- Nawal Al-Henhena^{1,2*}, Rozaida Poh Yuen Ying¹ Riad Hamadi², Mahmood Ameen Abdulla¹. Ying¹. Oral presentation in ICEOH2016 International Conference on Environmental and occupational health 2016 held on 11-13th of April, 2016 (Tuesday), Grand ballroom, Putrajaya Marriott Hotel, Malaysia.

Interested area

Metabolism explaining studies

Cell culture related studies

Gene expressions study

Biochemistry field