

AlMajma'ah –Saudi Arabia

Contact number: +966 503095462

E-mail: Y.madkhali@mu.edu.sa

## Yahya Awaji Mohammed Madkhali

### Personal information:

Place of birth: Jizan, Saudi Arabia

Nationality: Saudi

Gender: Male

Marital status: Single

Date of Birth: November 7, 1984

### Education:

- 2002- 2007 BSc in Medical Technology, King Abdul Aziz University, Medical Applied Sciences, Jeddah, Saudi Arabia.
- 2012- 2013 learning English as a second language, Georgia Tech English Institute, Atlanta, USA.
- 2014- 2015 MSc in Biomedical Science, Nottingham Trent University, Nottingham, UK.
- 2016- 2021 PhD in Biomedical Science, Hull University, Hull, UK.

### Work Experiences:

- 2009- 2011 worked at King Khaled University hospital, Laboratory Department, Riyadh, Saudi Arabia.
- 2011- present work as a demonstrator at Majma'ah University, Medical Laboratory Department, Saudi Arabia.

### Training experiences:

- Three months of training in King Fahd Hospital in Jizan, hematology department 2006-2007.

- Three months of training in King Abdul Aziz University Hospital, hematology department. 2006-2007.
- Three months of training in king Abdul Aziz Hospital & oncology center in Jeddah, hematology department 2006-2007.
- Three months Training in king Fahd Research center at King Abdul Aziz University, Genomic Medical Unit 2007.

### Seminars, workshops, and conferences attendance:

*18-19 April 2007: 3<sup>rd</sup> National Applied Medical Sciences Students Meeting .*

*10 December 2006: Annual Clinical Immunology & Allergy Workshop.*

*22-25 march 2004: Saudi international transfusion medicine symposium*

*25-27 November 2006: international Saudi symposium on homeostasis and thrombosis*

*21-23 November 2005: International Saudi Symposium of Pediatric Hematology/Oncology.*

*6 May 2007: Establishing Electronic Policy & Procedure Manual Workshop.*

*13 November 2013. Workshop in nanotechnology, college of Medical Applied sciences, Majmaah University.*

*Jan 1<sup>st</sup>, 2014: The first scientific day, faculty of science, Majmaah University.*

### Publications and presentations:

- Madkhali, Y., Featherby, S., Collier, M., Maraveyas, A., Greenman, J. and Ettelaie, C. (2019) The Ratio of Factor VIIa:Tissue Factor Content within Microvesicles Determines the Differential Influence on Endothelial Cells. *TH Open*, 03(02), 132-145.

- Featherby, S., Madkhali, Y., Maraveyas, A. and Ettelaie, C. (2019) Apixaban Suppresses the Release of TF-Positive Microvesicles and Restrains Cancer Cell Proliferation through Directly Inhibiting TF-fVIIa Activity. *Thrombosis and Haemostasis*, 119(09),1419-1432.

- Ethaeb, A., Mohammad, M., Madkhali, Y., Featherby, S., Maraveyas, A., Greenman, J. and Ettelaie, C. (2019) Accumulation of tissue factor in endothelial cells promotes cellular apoptosis through over-activation of Src1 and involves  $\beta$ 1-integrin signalling. *Apoptosis*, 25(1- 2),29-41.
- Madkhali Y, Greenman J, Ettelaie C (2017) The synergy between tissue factor-containing microvesicles and PAR2 activation in the induction of apoptosis is dependent on the properties of the cancer-derived microvesicles (poster). Presented at annual conference of extracellular vesicles. Cambridge, UK.
- Madkhali Y, Maraveyas A, Greenman J, Ettelaie C (2017) Cancer cell-derived microvesicles induce endothelial cell apoptosis mediated through tissue factor, factor VII and PAR2 activation (poster). Presented at the 9th international conference on thrombosis & hemostasis issues in cancer. University of Bergamo, Italy.
- Madkhali Y, Greenman J, Ettelaie C (2017) The synergy between tissue factor-containing microvesicles and PAR2 activation in the induction of apoptosis is dependent on the properties of the cancer-derived microvesicles (poster). Presented in BSHT Annual Scientific Meeting. University of Warwick, UK.
- Madkhali Y, Maraveyas A, Greenman J, Ettelaie C (2018) Investigation of Mechanism of Tissue Factor-Mediated Cell Apoptosis (poster). Presented in BSHT Annual Scientific Meeting. University of Warwick, UK.
- Madkhali Y, Maraveyas A, Greenman J, Ettelaie C (2019) The ratio of factor VIIa:tissue factor content within microvesicles determines the differential influence on endothelial cells (poster). Presented at congress of the international society on thrombosis and haemostasis. Melbourne, Australia.
- Madkhali Y, Maraveyas A, Greenman J, Ettelaie C (2019) Excess tissue factor is preferentially cleared from endothelial cells through microvesicle release and then, by caveolae-mediated internalisation, through a mechanism requiring fVIIa (poster). Presented at congress of the international society on thrombosis and haemostasis. Melbourne, Australia.
- Madkhali Y, Maraveyas A, Greenman J, Ettelaie C (2019) The ratio of factor VIIa:tissue factor content within microvesicles determines the differential

influence on endothelial cells (poster). Presented at European Congress on Thrombosis and Haemostasis. Glasgow, Scotland.

- Madkhali Y, Featherby S, Maraveyas A, Greenman J, Ettelaie C (2018) Cancer Cells Release Active TF-fVIIa Complex Which Can Be Directly Inhibited by Apixaban. Presented in BSHT Annual Scientific Meeting. University of Warwick, UK.

## References:

- Dr. Camille c.ettelaie@hull.ac.uk  
Biomedical Science, Hull University, UK.  
E-mail: c.ettelaie@hull.ac.uk
- Prof. John Greenman  
Biomedical Science, Hull University, UK.  
E-mail: j.greenman@hull.ac.uk