

# Curriculum Vitae

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## PERSONAL DATA

**Name:** Mohammad Alsalem

**Date of birth:** 15 JUL 1981

**Nationality:** Jordanian

**Address:** Department of Anatomy and Histology  
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The University of Jordan  
Amman – Jordan  
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Amman - Jordan

## EDUCATION

2008 - 2012 (PhD) in Anatomy and Cell Biology  
School of Life Sciences  
Faculty of Medicine and Health Sciences  
University of Nottingham  
United Kingdom

1999 - 2004 (BDS) Bachelor of Dental Surgery  
Faculty of Dentistry  
Jordan University for Science & Technology  
Irbid – Jordan

## AWARDS AND SCHOLARSHIPS

- Ministry of Higher Education Scholarship (1999 - 2004)
- Jordan University scholarship (2008 – 2012)

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## **MEMBERSHIPS**

- British Pharmacological Society
- Jordan Dental Association
- Jordan Pain Society

## **RESEARCH INTEREST**

- Cannabinoids and their role in analgesia
- The role of fatty acid metabolites in mediating inflammatory pain
- Smooth muscle physiology
- Calcium signaling
- Radiographic anatomy
- Osteoarthritis
- Cannabinoids/opioids interaction

## **TECHNICAL SKILLS**

- Mammalian cells tissue culture
- Single cell ratiometric calcium imaging
- Scintillation cAMP assays
- Behavioral pharmacology
- Radiographic anatomy

## **WORK EXPERIENCE**

2012- Current	Assistant Professor Department of Anatomy and Histology Faculty of Medicine University of Jordan
2006- 2008	Teaching and Research Assistant Department Anatomy & Histology Faculty of Medicine University of Jordan
2005 –2006	GP dentist at Al-Batoul private dental center
2004- 2005	GP dentist at Princess Basma Hospital / Ministry of Health

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## **TECHING EXPERIENCE**

- Anatomy of extremities for rehabilitation sciences students
- Head and neck anatomy for dental students
- Anatomy and histology for pharmacy students
- Introduction to anatomy for medical students
- Neuroanatomy for dental students

## **PUBLICATIONS**

**Alsalem, M**, Wong, A, Millns, PJ, Arya, PH, Chan, M, Bennett, A, Barrett, D, Chapman, V, Kendall (2013) The contribution of the endogenous TRPV1 ligands 9-HODE and 13-HODE to nociceptive processing and their role in peripheral inflammatory pain mechanisms *Br J Pharmacol* 168(8): 1961-1974.

Kalbouneh, H, Alkhawaldah, A, Alajoulin, A, **Alsalem, M** (2016) The patellofemoral joint alignment in patients with symptomatic accessory navicular bone. *Italian journal of Anatomy and Embryology*. 121 (2) : 148-158.

**Alsalem, M**, Millns, P, Altarifi, A, El-Salem, K, Chapman, V, Kendall, D (2016) Anti-nociceptive and desensitizing effects of olvanil on capsaicin-induced thermal hyperalgesia in the rat. *BMC Pharmacology and Toxicology*. 17:31 DOI: 10.1186/s40360-016-0074-9.

**Alsalem, M**, Altarifi, A, Kalbouneh, H, Al-Zer, H, Azab, B, El-Salem, K (2016) The Role of PPAR $\alpha$  And PPAR $\gamma$  In Mediating The Analgesic Properties Of Ibuprofen *In vivo* And The Effects Of Dual PPAR $\alpha/\gamma$  Activation In Inflammatory Pain Model in The Rat. *International Journal of Pharmacology*. 12 (8), 812-820.

Kalbouneh, H, Alajoulin, A, **Alsalem, M**, Humoud, N, Alkhouljah, M, Shawaqfeh, J, Abu Hassan, H, Mahafza, W, D.H. Badran (2017) Incidence and anatomical variations of accessory navicular bone in patients with foot pain: a retrospective radiographic analysis. *Clinical Anatomy* (Accepted).

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## **CONFRENCES AND PRESENTATIONS**

**M. Alsalem**, P.J. Millns, V. Chapman, D. Kendall. (2010) TRPV1 channels mediate linoleic acid-evoked calcium responses in adult DRG neurones. *Br. J. Pharmacol. Suppl. (pA2 online)*: 1(4): P 075, London.

**M. Alsalem**, P.J. Millns, V. Chapman, D. Kendall. Evidence for a role of 15-lipoxygenase in the generation of endogenous ligands which activates TRPV1. 7<sup>th</sup> Congress of EFIC, Hamburg; 2011.

**M. Alsalem**, A. Wong, P.J. Millns, V. Chapman, D. Kendall. (2011) Effects of 15-lipoxygenase metabolites of linoleic acid in a rat model of inflammatory pain. *Br. J. Pharmacol. Suppl. (pA2 online)*: 1(4): P 114, London.

**M. Alsalem**, P.J. Millns, V. Chapman, D. Kendall. (2014) Desensitisation of TRPV1 receptor by Pungent And Non Pungent Agonist In Cultured Rat Dorsal Root Ganglia cells. *Br. J. Pharmacol. Suppl. (pA2 online)*: 1(4): P 175, London

## **ACADEMIC REFEREES**

### **Professor Victoria Chapman**

University of Nottingham Medical School  
Queen's Medical Centre  
United Kingdom  
E-mail: [victoria.chapman@nottingham.ac.uk](mailto:victoria.chapman@nottingham.ac.uk)

### **Professor Dave Kendall**

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