

# CURRICULUM VITAE

## • Personal information

Name: **Basim Ali Askar**

Nationality: Iraqi

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Sex: Male

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## • Education

- **1998 – 2003 BVMS** the Veterinary Medicine/ the University of Duhok/ Iraq.
- **2005 – 2008 M.Sc** in the Veterinary Pathology/ the University of Dohuk/ Iraq.
- **2012- 2016 PhD** in the University of Nottingham / UK.

## • Laboratory Techniques

- 1- **Molecular Biology:** Growth of *Salmonella typhimurium*, gel electrophoresis, extraction of RNA, PCR, RT-PCR
- 2- **Cell Biology:** Primary cell isolation and culture (human monocytes) Flow cytometry, immunofluorescence microscopy, cell viability assays
- 3- **Biochemistry:** ELISA, Protein extraction.

## • Trainings and Courses

- 1-Math in the lab
- 2-Basics with SPSS
- 3-Introduction to Flow Cytometry
- 4-Animals (Scientific Procedures) Acts. UK Home Office Personal License (2014-2019) modules (1-4).

## • **Conferences and Meetings**

- 1-Immunology Showcase**, 20<sup>th</sup> June 2013, Medical School University of Nottingham, UK (attendance).
- 2-MHS Faculty Postgraduate Research Forum**, 25<sup>th</sup> of June 2014, the University of Nottingham, UK (attendance).
- 3-M5 Biomedical Imaging Conference**, 9<sup>th</sup> September 2014, the University of Nottingham, UK (poster presentation).
- 4-Kurdistan Students Conference**, 15<sup>th</sup> September 2014, the University of Nottingham, UK (attendance).
- 5-The Innate Immunity Summit**, 10<sup>th</sup> -11<sup>th</sup> November 2014, the O2 Peninsula Square, London, UK (poster presentation).
- 6-The international Sepsis Forum**, 2<sup>th</sup>-5<sup>th</sup> December, Pasteur Institute, Paris, France (poster presentation).
- 7-The Flow Cytometry Meeting**, 12<sup>th</sup> of November 2014, the University of Nottingham, UK (attendance)
- 8-Immunology Showcase**, 22<sup>th</sup> January 2015, Medical School, the University of Nottingham, UK (attendance).
- 9-The 2015 Immunotherapy**, 12<sup>th</sup> March 2015, Watershed, Bristol, UK (poster presentation).
- 10-Tissue Inflammation and Local Immune Responses**, 17<sup>th</sup> of April 2015, the John Radcliffe Hospital, Oxford, UK (poster presentation).
- 11-Midlands Sequencing Consortium Meeting** 13<sup>th</sup> July 2015, University of Nottingham, UK (attendance).
- 12-9<sup>th</sup> European Workshop on Immune-Mediated Inflammatory Diseases**, 2<sup>nd</sup> – 4<sup>th</sup> September 2015, Amsterdam, the Netherlands (oral presentation).

## • Publications

1- Askar B., Ibrahim H., Barrow B. and Foster N. Vasoactive intestinal peptide (VIP) differentially affects inflammatory immune responses in human monocytes infected with viable *Salmonella* or stimulated with LPS. *Journal of Peptides* 2015; 71:188-195.

2- Ibrahim H., Askar B., Barrow B. and Foster N. Dysregulation of JAK/STAT genes by VIP in *Salmonella*-infected monocytes may inhibit its therapeutic potential in human sepsis. *Journal of Cytokine* 2018;49-56.

3-Ibrahim H, Askar B., Hulme S, Neilson P., Barrow B. and Foster N. Differential immune phenotypes in human monocytes induced by non-host adapted *S. Choleraesuis* and host adapted *S. Typhimurium*. *Journal of American Society for Microbiology* 2018 (IAI00509-18R1).

4. Askar B<sup>1</sup>., J. Higgins, P. Barrow and N. Foster. Immune evasion by *Salmonella*: exploiting the VPAC1/VIP axis in human monocytes. *Journal of Immunology* 2019; 158 (3), 230-239.

5. Askar<sup>1</sup> B., Higgins J., Barrow P. and Foster N. Immunomodulation by vasoactive intestinal peptide is associated with increased survival and growth of *Salmonella Typhimurium* in mice. *Journal of Cytokine* 125 (2020); 154787.