

Moh'd Gh. Moh'd Moh'd

A.k.a. Mohammad Ghaleb Mohammad

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Personal Information

Date of birth: 17th April 1976

Nationality: Australian

Summary

- Current, Assistant Professor, Department of Medical Laboratory Sciences, Faculty of Health Sciences, University of Sharjah. Sharjah, United Arab Emirates.
- Teaching experience of biology, histopathological techniques, immunology, hematology, physiology, neuro- pharmacology and comparative anatomy of vertebrates courses with ability of developing and enhancing courses for medical students.
- Conjoint Lecturer, St. Vincent's Medical School, University of New South Wales (UNSW), Sydney, Australia.
- Postdoctoral research fellow in the field of immunology/Neuroinflammation since January 2010. During this period, I developed a significant expertise in derivation and use of mouse dendritic cells (DCs) and T lymphocytes in animal models of neuroinflammatory disease, particularly, multiple sclerosis and spinal cord injury. As a result, I significantly contributed to characterizing a novel forebrain pathway of DCs trafficking in Central Nervous system (CNS). Throughout this, I investigated the contribution of cellular immune components to CNS immune-surveillance, inflammatory responses and the functional trafficking between the systemic and CNS compartments. Other research interests including, inflammation caused by dendritic cells and T cell during autoimmune disease and after spinal cord injury with the aim of introducing new therapeutic approaches. Currently, I am developing an interest in macrophage subpopulations contribution to neuroinflammatory disorders. I am investigating as well the UV-light protection against autoimmunity in mouse model of multiple sclerosis.
- Published research in top journals such as *Journal of Clinical Investigation* (IF=13.7) and *Neuroscience* (IF=6.7). My research as well has been regularly communicated in local and international meetings related to the field.
- Contributed to my laboratory grants writing and animal ethics applications.
- Reviewed research grants for the Australian National Health and Medical Research Council (NHMRC), 2014 project grants round. Reviewer for manuscripts submitted for publication in internationally refereed journals.
- An excellent group of collaborators from high rank international research institutes such as Salk Institute.
- Co-supervising research assistants and a phd student investigating inflammatory immune cells during spinal cord injury.

Academic Qualifications

Doctor of Philosophy 'PhD' in Biological Science. 2004-2008

Macquarie University, Sydney, Australia. 2004-2008.

Research Area: Comparative Immunology

- PhD Dissertation Title: **Anatomical, cytological, immunohistochemical and functional studies on the Australian Lungfish *Neoceratodus forsteri* thymus.**

Master of Science in Biological Sciences 2000-2002

- The Hashemite University, Zarka, Jordan
Thesis Title: **Isolation and phenotypic characterization of T lymphocytes resident in the vaginal mucosa of *Candida albicans* infected mice.**

B.Sc., Medical Technology 1996-2000

Zarka Private University, Zarka, Jordan

Althanawieh (Tawgehei), 1992, (total 86, Very Good)

Alkhaleej Al thanawieh School, Dammam, Saudi Arabia

Chronology of Employment

09/2015-current	Assistant professor, Department of Medical Laboratory Sciences, Faculty of Health Sciences, University of Sharjah. Sharjah, United Arab Emirates.
01/2010-12/2015	Conjoint Lecturer, St. Vincent's Medical School. University of New South Wales. Sydney, Australia. Lecturing immunopharmacology course (stage 3 medicine students).
01/2010-06/2015	Post-Doctoral research fellow. Inflammation and cytokine Research Laboratory. St. Vincent's Center for Applied Medical Research. Darlinghurst, Sydney, Australia.
02/2009-12/2009	Teacher, Australian International Academy, Sydney, Australia.
07/2008-12/2009	Research Officer/Postdoctoral fellow, department of biological sciences, Macquarie University, Sydney, Australia Project title: Lungfish paired fins and the origin of limbs as an evolutionary novelty (Australian Research Council funded project). Supervised by Prof. Jean M. P. Joss.
2005-2008	Teaching assistant, Department of biological science, Macquarie University, Sydney, Australia I was involved in teaching the following courses: <ul style="list-style-type: none"> ▪ Vertebrate evolution, BIOL 369. ▪ Physiology Lab.
Winter, 2006	Visiting Scholar, Institut national de la recherche agronomique (INRA), Jouy en Josas, Paris, France. Advanced training on the applications of flow cytometry in assessing functional immune responses including apoptosis, phagocytosis, oxidative burst, apoptosis, cell cycle and cell proliferation assays in teleost.

- 2003-2004** Instructor, Dept of physiology, School of Medicine. King Khaled University, Abha, Saudi Arabia.
I was responsible for teaching, enhancing and development of the following courses to medicine, nursing, pharmacology and medical technology students:
- PSL 221, Physiology for medicine students.
 - PSL 223, Physiology for medical laboratory sciences students.
 - PSL 214, Physiology (1) for pharmacy students (+ preparing its laboratory manual).
 - PSL 215, Physiology (2) for pharmacy students (+ preparing its laboratory manual).
 - PSL 233, Neurophysiology for medicine students.
- 02-03** Instructor of biochemistry for nursing students, Rufaida Collage for Nursing, Zarka, Jordan
- 02/03-12/03** Research assistant, Research assistant, Immunology and Mycology research Lab. Evaluating the anti- tumor, anti-fungal and anti-bacterial activity of newly synthetic chemicals, Department of Biological Sciences, the Hashemite University, Zarka, Jordan.
- 10/02-01/03** Research assistant, Virology Research Lab, Department of Medical Technology, Hashemite University, Zarka, Jordan.
- 5/00-10/02** Research assistant, Immunology and Mycology Research Lab, Department of biological sciences, the Hashemite University, Zarka, Jordan.
Project contributions,
- Founding and organizing the Mycology and Immunology Lab Culture Collection in the Hashemite University (MICCHU).
 - Investigating the pathogenicity of Candida species obtained from clinical samples.
 - Delineating the role of the thymus in protection against localized infections.
- 1999-2002** Teaching assistant, Department of biological sciences, the Hashemite University, Zarka, Jordan.
Courses taught:
- General practical biology 1 (103) (1st Year students)
 - General practical biology 2 (104) (1st Year students)
 - Immunology lab (3rd Year students)
 - Heamatology lab (4th Year students).
- 10/1998-7/1999** Medical laboratory training, Islamic hospital. Amman, Jordan
- 4/1996-10/1996** Medical laboratory technician, Zarka medical laboratories. Zarka, Jordan.
- 8/1995-4/1996** Medical laboratory technician, Al-Hikmah modern hospital. Zarka, Jordan

Courses Taught at University of Sharjah:

- **Spring Semester 2016-2017**
 Biochemistry, 3 sections. 136 students in total.
 Hematology II. 2 sections, 65 students.
 Histopathological Techniques Laboratory. 3 sections, 52 students in total.
- **Fall Semester 2016-2017**
 Hematology I, 2 sections. 75 students in total.
 Biology, 1 section. 55 students in total. (Coordinating all 5 sections of this course, 253 students)
 Histology Laboratory, 3 sections. 52 students in total.
- **Spring Semester 2015-2016**
 Biochemistry, 3 sections. 136 students in total.
 Histopathological Techniques. 25 students.
 Histopathological Techniques Laboratory. 36 students in total.
- **Fall Semester 2015-2016**
 Biological Sciences, 2 sections, coordinated the course. 100 students in total.
 (Coordinating all 5 sections of this course, 258 students)
 Histology Laboratory, 2 sections. 50 students in total.

Workshops and Training Courses:

- 10th -11th Feb, 2017. Infection Prevention & Control Symposium 2017. Abu Dhabi. UAE.
- 7th Feb, 2017. Clinical and laboratory standards institute (CLSI) and quality assurance in the clinical laboratory. A workshop organised by the National Reference Laboratory. Duabi. UAE.
- 30th January, 2017, Workshop on “**Writing effective course learning outcomes**”. Instructor: Prof. Jeffrey E. Froyd. Institute of leadership in higher education. University of Sharjah. Sharjah, UAE.
- 1st semester, 2015, Foundations of University Learning and Teaching program provided by schools of Medicine and Education in New South Wales University.
- 24th November 2014, **teaching staff induction day**, Faculty of Medicine, University of New South Wales (UNSW), Sydney, Australia.
- 20th November 2014, **flowjo analysis for flow cytometry**, Garvan institute, Sydney, Australia.
- 19th August 2014, **Workshop on writing original research papers for biomedical research journals**. Presentation from event organiser, Associate Professor Amanda Salis. University of Sydney. Sydney. Australia.
- 9th May 2012, **Vaccine safety symposium**. 9th May, 2012. Granada, Spain.
- 22nd, 23rd February 2010, **An Introduction to the Principles and Practice of Quantitative RT-PCR**, an interactive dry workshop. Roche Diagnostics Australia.
- 18th, 19th and 27th January 2010, **Educational induction on the usage of and care for laboratory animals** organized by the Garvan Institute Biological Testing Facility (BTF) and Animal Ethics Committee (AEC) held at the Garvan Institute, Darlinghurst Sydney, Australia.

Awards and project funding

- 2016-2017** **Mohammad G Mohammad, PI.** Project “Phenotypic investigations of Macrophage sub-population transitions?” University of Sharjah – Boehringer Ingelhiem Grant Award. AED 11500.
- 2016-2017** **Mohammad G Mohammad, PI.** Project “M1/M2 macrophage subpopulation interchanges, Can the good macrophages harnessed?” University of Sharjah. AED 40000.
- 2014-2015** **Mohammad M,** Associated investigator. Project “Studies on the dendritic cell contribution to the regulation of anti-central nervous system immunity”. St. Vincent’s Clinic Foundation. \$30000.
- 2010-2015** Continuous salary support from research grants from National Health and Medical Research council (NHMRC) and Multiple Sclerosis Research Australia (MS Australia).
- 2004-2008.** Macquarie University. International Research Scholarship (IMURS) to study PhD in biological sciences. Scholarship includes tuition fees and living allowance.
- Apr-Jul 2008.** Macquarie University. Higher degree research tuition fee and stipend scholarship.
- Feb-2005** Macquarie University Postgraduate Research Fund (PGRF), \$4000.
- Feb-2005** Macquarie University travel grant, International Office \$1500.

Membership in scientific organizations

Multiple Sclerosis research Australia (MS Australia)
 Australasian Society of Immunology (ASI)
 Australian Society for Neuroimmunology
 International Society of Neuroimmunology (ISNI)
 International Society of Neurochemistry (ISN)
 Australian Neuroscience Society (ANS), past
 International Society of Developmental and Comparative Immunology (ISDCI), past.

Invited Seminars

1. Presenting a seminar titled: ‘Basic microbiology and antibacterial prevention’. 10th -11th Feb, 2017. Infection Prevention & Control Symposium 2017. Abu Dhabi. UAE.
2. A choroid-forebrain-lymphatic pathway for the maintenance of CNS immune tolerance. 7th International Conference on Drug Discovery & Therapy (7th ICDDT). Sharjah University, Sharjah, UAE.
3. Dendritic cells in central nervous system immune regulation. 09/07/2014. St. Vincent’s Hospital Centre of Applied Medical Research (AMR), Sydney, Australia.
4. A forebrain pathway of immune cells to regulate anti-CNS immunity. Garvan Institute. Sydney. 17/04/2013.

5. Dendritic cells regulate Treg development in neuroinflammation. 29/08/2012. St. Vincent's Hospital Centre of Applied Medical Research (AMR), Sydney, Australia.
6. Morphological and anatomical features of the Australian lungfish *Neoceratodus forsteri* (Krefft, 1870), 10/06/2010. Garvan Institute. NSW Animal Technicians Meeting. Sydney, Australia.
7. Studies on the thymus of the Australian lungfish *Neoceratodus forsteri*. 16/04/2010. St. Vincent's Hospital Centre of Applied Medical Research (AMR), Sydney, Australia.

Graduate Students and Research Assistants supervision

- 2016-17: Supervisor for 15 undergraduate student research project (4 groups).
- Jan 2010- Jun 2015: Supervisor for research assistants: Dr. Hui Li and Ornella Tulhurst.
- Jun 2011- current: Co Supervisor to Masoud H. Golakani, PhD student, School of Medicine, University of New South Wales. Title of Project: Effects of macrophage inhibitory cytokine-1 (MIC-1) on spinal cord injury in mouse model. Supervisor, Dr. David A. Brown,

Reviewing Scientific Grants and Articles

- Reviewer for National Health and Medical Research Council, Australia (NHMRC) grants, 2014 and 2015 project grants rounds.
- Reviewer for The Research Foundation – Flanders, Belgium (FWO) grants, 2014 and 2015 project grants rounds.
- Reviewer for the journal "Tissue and Cell.
- Reviewer for the "journal of Immunological Methods".
- Reviewer for the journal "Analytical and Quantitative Cytology and Histology"

Publications

Peer-reviewed publications

Published articles:

1. Sian Geldenhuys, **Mohammad G Mohammad**, Hui Li, Masoud Hassanpour, Royce LX Ng, Naomi M Scott, Robyn M Lucas, David A Brown and Prue H Hart. 2015. UV irradiation of skin regulates a murine model of multiple sclerosis. *Journal of Multiple Sclerosis*. 2:3.
2. Yasmin Husaini; Glen P Lockwood; Trung V Nguyen; Vicky Wang-Wei Tsai; **Mohammad G Mohammad**; Pamela J Russell; David A Brown; Sam N Breit. 2015. Macrophage Inhibitory Cytokine-1 (MIC-1/GDF15) Gene Deletion Promotes Cancer Growth in TRAMP Prostate Cancer Prone Mice. *Plos One*. 10 (2). (**IF=3.234**, Cited 2)
3. **Mohammad G. Mohammad.***, Vicky Tsai*, Marc J. Ruitenburg, Masoud Hassanpour, Hui Li, Prue H. Hart, Samuel N Breit, Paul E Sawchenko and David A Brown. 2014. Immune cell trafficking from the brain maintains CNS immune tolerance. , *Journal of Clinical Investigation*. 124 (3): 1228. (**IF=13.261**, Cited 26)
* Highlighted by a commentary in JCI "Neurogenesis or non-neurogenesis: that is the question"

4. **Mohammad G. Mohammad**, Masoud Hassanpour, Vicky W. W., Hui Li, Mark J. Ruitenber, David W. Booth, Jordi Serrats, Prue H Hart, Geoffrey P. Symonds, Paul E. Ssawchenko, Samuel N. Breit and David Brown. 2013. Dendritic cells and multiple sclerosis: disease, tolerance and therapy. *International Journal of Molecular Sciences*. 14:547-562. (IF=2.862, Cited 14). An Invited Review.
5. Masoud Hassanpour, Jean Joss and **Mohammad G Mohammad**. 2013. Functional analyses of lymphocytes and granulocytes isolated from the thymus, spiral valve intestine, spleen, and kidney of juvenile Australian lungfish, *Neoceratodus forsteri*. *Fish and Shellfish Immunology*. 35 (1): 107-114. (IF=2.996, Cited 1)
6. **Mohammad G. Mohammad***, Vicky W. W. Tsai,* Ornella Tolhurst, Samuel N. Breit, Paul E. Sawchenko and David A Brown. 2011. CCAAT/enhancer binding protein- δ expression by dendritic cells regulates CNS autoimmune inflammatory disease. *Journal of Neuroscience*. 31(48): 17612-17621. (IF=6.334, Cited 17)
7. Samuel N. Breit, Heiko Johnen, Andrew D. Cook, Vicky W. W. Tsai, **Mohammad G. Mohammad**, Tamara Kuffner, Hong Ping Zhang, Christopher P. Marquis, Lele Jiang, Glen Lockwood, Michelle Lee-Ng, Yasmin Husaini, Liyun Wu, John Hamilton and David Brown. 2011. The TGF-b superfamily cytokine, MIC-1/GDF15: a pleiotropic cytokine with roles in inflammation, cancer and metabolism. *Growth Factors*. 29(5): 187-195. (IF=3.368, Cited 88). An Invited Review.
8. **Mohammad G. Mohammad**, David Raftos and Jean Joss. 2009. Cytoskeleton proteins in thymic epithelial cells of the Australian lungfish *Neoceratodus forsteri*. *Journal of Anatomy*, 214 (1): 140-152. (IF=2.09, Cited 3)
9. Saleem Aladaileh, **Mohammad G. Mohammad**, Belinda Ferrari, Sham V. Nair, David Raftos. 2008. In vitro effects of noradrenaline on Sydney rock oyster (*Saccostrea glomerata*) hemocytes. *Comparative biochemistry and physiology Part A*, 151 (4): 691-697. (IF=2.258, Cited 20)
10. Abu-Elteen, K. H., Abdel-Jalil, R., Hamad, M.A., Abid Ali, S., **Ghaleb, M.**, and Voelter, W. 2008. Fungicidal effects of some derivatives of 2-ferrocenyl benzimidazoles: a possible template for antifungal drug design. *Journal of Medical Sciences*. 8 (8): 673-681. (Cited 4)
11. **Mohammad G. Mohammad**, Stefan Chilmonczyk, Debra Birch, Saleem Aladaileh, David Raftos, Jean Joss. 2007. Anatomy and Cytology of the Thymus in Juvenile Australian Lungfish, *Neoceratodus forsteri*. *Journal of Anatomy*, 211: 784-797. (IF=2.09, Cited 13)
12. Hamad, M., Abu-Elteen, K. H. and **Ghaleb, M.** 2004. Estrogen-dependent induction of persistent vaginal candidosis in naïve mice. *Mycoses*, 47(7): 304-309. (IF=2.239, Cited 26)
13. **Ghaleb, M.**, Hamad, M. and Abu-Elteen, K. H. 2003. Vaginal T lymphocyte population kinetics during experimental vaginal candidosis: evidence for a possible role of CD8⁺ T cells in protection against vaginal candidosis. *Clinical and Experimental Immunology*, 131: 26-33. (IF=3.409, Cited 26)
14. Hamad, M., Abu-Elteen, K. H. and **Ghaleb, M.** 2002. Persistent colonization and transient suppression of DTH responses in an estrogen-dependent vaginal candidosis murine model. *The New Microbiologia*, 25: 65-73. (IF=1.78, Cited 11)

In Review and preparation

1. Mawieh Hamad, **Mohammad G. Mohammad** and Khaled Abu-Elteen. Immunity to human fungal infections. Refereed book chapter. (Submitted)
2. Masoud Hassanpour, Jean Joss and **Mohammad G. Mohammad**. Ultrastructural study of mononuclear cells in the gut of Australian lungfish. (Under review, *Journal of Fish and Shellfish Immunology*).
3. **Mohammad G. Mohammad**, Masoud Hassanpour, Hui Li, Samuel Briet and David A Brown. Immune surveillance in the brain. (An invited review, in preparation).

4. Masoud Hassanpour, **Mohammad G. Mohammad**, and David A. Brown. Contribution of macrophage inhibitory cytokine (GDF15/MIC-1) to the neuroinflammation. (In preparation)
5. **Mohammad G. Mohammad** and Jean Joss. Australian lungfish thymic vasculature. (*In preparation*).
6. **Mohammad G. Mohammad** and Jean Joss. Presence of acetylated tubulin in the Australian lungfish thymus. Investigating the patterns of thymic innervations. (*In preparation*).
7. **Mohammad G. Mohammad** and Jean Joss. Immunohistochemical characterization of cytoskeleton proteins in thymic Myoid cells in the Australian lungfish *Neoceratodus forsteri*. (*In preparation*).

Published Abstracts:

1. Hassanpour Golakani, M., **Mohammad, M.**, Li, H., Saxena, M., Breit, S., Ruitenber, M., Brown, D. 2016. Dynamics of inflammatory immune response in a mouse model of traumatic spinal cord injury, potential therapeutic target. *Eur J Immunol.* V 46, S1: 566.
2. Mohammad, M.G., Tsai, V., Li, H. Hassanpour, M., Hart, P., Breit, S., Sawchenko, P., Brown, D. 2016. A choroid-forebrain-lymphatic pathway for the maintenance of CNS immune tolerance. *Eur J Immunol.* V 46, S1: 166.
3. **Mohammad G Mohammad**, VWW Tsai, MJ Ruitenber, M Hassanpour, H Li, P Hart, SN Breit, PE Sawchenko, DA Brown. 2014. CNS DCs modulate anti-CNS immunity. *Journal of Neuroimmunology.* 275 (1): 82-82.
4. **Mohammad G Mohammad**, VWW Tsai, MJ Ruitenber, M Hassanpour, H Li, PH Hart, SN Breit, PE Sawchenko, DA Brown. 2014 A forebrain-immune cell pathway for the maintenance of CNS immune tolerance. *Neurology, Psychiatry and Brain Research.* 20(1):8-9.
5. **Mohammad G. Mohammad**, Vicky W. W. Tsai, Samuel N. Breit, Prue H. Hart, Paul E. Sawchenko, David A. Brown. 2012. A forebrain immune cellular pathway for the prevention of CNS autoimmunity. *Journal of Neuroimmunology.* 253 (1-2): 124-124.
6. **Mohammad G. Mohammad**, Tsai V. W. W., Tolhurst O., Briet S. B., Sawchenko P. E., Brown D. A. 2012. Dendritic cell CCAAT/enhancer binding protein delta modulates Th17/Treg responses in an IL-10 dependent manner. *Multiple Sclerosis Journal.* 18 (5): 698-699.
7. Brown, D. A, Tsai, V. W. W., **Mohammad, M. G.**, Tolhurst, O., Briet, S. B., Sawchenko, P. E. 2011. Dendritic cell CCAAT/enhancer binding protein delta modulates Th17/Treg responses in an IL-10 dependent manner. *Multiple Sclerosis Journal.* 17, S344-S344.

Conference presentations

1. **Mohammad G. Mohammad**, Vicky W. W. Tsai, Hui Li, Masoud Hassanpour, Prue Hart, Samuel N. Breit, Paul E. Sawchenko and David A. Brown. A choroid-forebrain-lymphatic pathway for the maintenance of CNS immune tolerance. ICI2016 (The International Congress of Immunology 2016), 21-26 Aug. 2016. Melbourne, Australia.
2. Masoud Hassanpour Golakani, **Mohammad Ghaleb Mohammad**, Hui Li, Manvendra Saxena, Samuel Breit, Marc Ruitenber, Gill Webster, and David Brown. Innate Immune response in traumatic Spinal Cord Injury (SCI), killing or healing? The 13th International Congress of Neuroimmunology. 26-29 Sep. 2016. Jerusalem.
3. Masoud Hassanpour Golakani, **Mohammad Ghaleb Mohammad**, Hui Li, Manvendra Saxena, Samuel Breit, Marc Ruitenber, Gill Webster, and David Brown. Innate Immune response in traumatic Spinal Cord Injury (SCI), killing or healing? The 24th annual St Vincent's Campus Research Symposium. 9 Sep. 2016. Sydney, Australia.
4. Masoud H. Golakani, **Mohammad G. Mohammad**, Hui Li, Manvendra Saxena, Samuel N. Breit, Marc Ruitenber, David A. Brown. Dynamics of inflammatory immune response in a mouse model of traumatic spinal cord injury, potential therapeutic targets.

- The 16th International Congress of Immunology (ICI2016), 21-26 Aug. 2016. Melbourne, Australia.
5. Masoud Hassanpour Golakani, **Mohammad Ghaleb Mohammad**, Hui Li, Manvendra Saxena, Samuel Breit, Marc Ruitenber, Gill Webster, and David Brown. Innate Immune response in traumatic Spinal Cord Injury (SCI), killing or healing? The 6th Neuroimmunology Australia Workshop. 19 Aug. 2016. Sydney, Australia.
 6. Masoud Hassanpour Golakani, **Mohammad G. Mohammad**, Hui Li, Manvendra Saxena, Samuel Breit, Marc Ruitenber, Gill Webster, and David Brown. Innate Immune response in traumatic Spinal Cord Injury (SCI), killing or healing? The 11th Annual Brain Sciences UNSW Symposium, Minding the Brain: translating research to practice. 21 Apr. 2016. Sydney, Australia.
 7. **Mohammad G. Mohammad**, Vicky Tsai, Ornella Tolhurst, Samuel N. Breit, David A. Brown. Dendritic cell CCAAT/ enhancer binding protein delta modulates Th17/Treg responses in an IL-10 dependent manner. 7th International Conference on Drug Discovery & Therapy (7th ICDDT). 15th – 18th Feb 2016. Sharjah University, Sharjah, UAE.
 8. Masoud H. Golakani, **Mohammad G. Mohammad**, Hui Li, Samuel N. Breit, Marc Ruitenber, David A. Brown. Dynamics of inflammatory immune response in a mouse model of traumatic spinal cord injury. 7th International Conference on Drug Discovery & Therapy (7th ICDDT). 15th – 18th Feb 2016. Sharjah University, Sharjah, UAE.
 9. Masoud H. Golakani, **Mohammad G. Mohammad**, Hui Li, Samuel N. Breit, Marc Ruitenber, David A. Brown. Dynamics of inflammatory immune response in a mouse model of traumatic spinal cord injury. Neuroscience 2015. 17-21 Oct. Chicago, IL, USA.
 10. Masoud H. Golakani, **Mohammad G. Mohammad**, Hui Li, Samuel N. Breit, Marc Ruitenber, David A. Brown. Dynamics of inflammatory immune response in a mouse model of traumatic spinal cord injury. The 23rd St Vincent's Campus Research Symposium. 10-11 Sep. 2015. Sydney, Australia.
 11. Masoud H. Golakani, **Mohammad G. Mohammad**, Hui Li, Samuel N. Breit, Marc Ruitenber, David A. Brown. Dynamics of inflammatory immune response in a mouse model of traumatic spinal cord injury. The 12th World Congress on Inflammation. 8-12 Aug. 2015. Boston, Massachusetts, USA.
 12. Masoud H. Golakani, **Mohammad G. Mohammad**, Vicky Tsai, Hui Li, Marc Ruitenber, Samuel N. Breit, Paul E. Sawchenko, David A. Brown. Modulation of immune-induced and traumatic CNS injury by dendritic cells' expression of CEBPD, a novel therapeutic target. The 12th World Congress on Inflammation. 8-12 Aug. 2015. Boston, Massachusetts, USA.
 13. Masoud H. Golakani, **Mohammad G. Mohammad**, Hui Li, Samuel N. Breit, Marc Ruitenber, David A. Brown. Dynamics of inflammatory immune response in a mouse model of traumatic spinal cord injury. The 5th Neuroimmunology Australia Workshop. 19 Jun. 2015. Sydney, Australia.
 14. Masoud H. Golakani, **Mohammad G. Mohammad**, Vicky Tsai, Hui Li, Marc Ruitenber, Samuel N. Breit, Paul E. Sawchenko, and David A. Brown. Modulation of immune-induced and traumatic spinal cord injury by dendritic cells' expression of CEBPD, a novel therapeutic target. The 9th Brain Sciences UNSW Symposium - Brain Health Complexity: molecules to systems. 17 Oct. 2014. Sydney, Australia.
 15. **Mohammad G Mohammad**, Vicky Tsai, Marc J Ruitenber, Masoud H. Golakani, Hui Li, Prue H Hart, Samuel Breit, Paul Sawchenko, David Brown. A forebrain-immune cell pathway for the maintenance of CNS immune tolerance. St. Vincent's Symposium. 11-12th Sep 2014. Sydney, Australia.
 16. M. H. Golakani. **Mohammad G Mohammad**, V. Tsai, H. Li, M. Ruitenber, S. N. Briet, P. E. Sawchenko and David A. Brown. Modulation of CNS injury by CEBPD, a novel therapeutic agent. St. Vincent's Symposium. 11-12th Sep 2014. Sydney, Australia.
 17. **Mohammad G Mohammad**, Vicky Tsai, Marc J Ruitenber, Masoud H. Golakani, Hui Li, Prue H Hart, Samuel Breit, Paul Sawchenko, David Brown. A forebrain-immune cell pathway for the maintenance of CNS immune tolerance. The 6th ASI ACT/NSW branch retreat. 28-29th Aug 2014. Bowral, Australia.

18. **Mohammad G Mohammad**, Vicky W W Tsai, Marc J Ruitenberg, Masoud H. Golakani, Hui Li, Prue H Hart, Samuel Breit, Paul E Sawchenko, David Brown. A forebrain-immune cell pathway for the maintenance of CNS immune tolerance. 12th psychoimmunology expert meeting. 6-9th Mar 2014. Gunzburg, Germany.
19. Prue H Hart, RLX Ng, N M Scott, S Gorman, David A Brown, **Mohammad G Mohammad**, Hui Li. Mechanisms supporting narrow band UVB irradiation of patients with early multiple sclerosis. Progress in MS research conference. 14-15th Nov 2013. Sydney, Australia.
20. **Mohammad G Mohammad**, Vicky Tsai, Hui Li, Masoud H. Golakani, Samuel Breit, Prue H Hart, Paul Sawchenko, David Brown. A forebrain-immune cell pathway for the maintenance of the CNS immune tolerance. Progress in MS research conference. 14-15th Nov 2013. Sydney, Australia.
21. **Mohammad G Mohammad**, Vicky Tsai, Hui Li, Masoud H. Golakani, Samuel Breit, Paul Sawchenko, David Brown. Dendritic cell CCAAT/ enhancer binding protein delta modulates Th17/Treg responses in an IL-10 dependent manner. Progress in MS research conference. 14-15th Nov 2013. Sydney, Australia.
22. M. H. Golakani. **Mohammad G Mohammad**, V. Tsai, H. Li, M. Ruitenberg, S. N. Briet, P. E. Sawchenko and David A. Brown. Modulation of CNS injury by CEBPD, a novel therapeutic agent. Brain Sciences UNSW Symposium 18th October 2013. Sydney, Australia.
23. **Mohammad G. Mohammad**, M. H. Golakani and Jean Joss. Functional analyses of lymphocytes and granulocytes isolated from the thymus, spiral valve intestine, spleen, and kidney of juvenile Australian lungfish, *Neoceratodus forsteri*. The 15th International congress of Immunology. 22-27 Aug 2013. Milan, Italy.
24. **Mohammad G. Mohammad**, Vicky W. W. Tsai, Hui Li, Masoud G. Hassanpour, Samuel N. Breit, Prue H. Hart, Paul E. Sawchenko, David A. Brown. A forebrain-immune cell pathway for the maintenance of CNS immune tolerance. The 15th International congress of Immunology. 22-27 Aug 2013. Milan, Italy.
25. **Mohammad G. Mohammad**, Vicky W. W. Tsai, Samuel Breit, Paul Sawchenko and David Brown. Dendritic cell CCAAT/ enhancer binding protein delta modulates Th17/Treg responses in an IL-10 dependent manner. The 15th International congress of Immunology. 22-27 Aug 2013. Milan, Italy.
26. David A. Brown, **Mohammad G. Mohammad**, Vicky W. W. Tsai, M. J. Ruitenberg, Masoud Hassanpour, Prue H. Hart, S.N. Briet, Paul E. Sawchenko. A forebrain-immune cell pathway for the maintenance of CNS tolerance. Neuroscience 2013. Nov 9-13, San Diego, California.
27. **Mohammad G. Mohammad**, Vicky W. W. Tsai, Briet, S. N., Paul P. E. Sawchenko, and David A. Brown. Dendritic cell CAAT/enhancer binding protein delta modulates Th17/Treg responses in an IL-10 dependant manner. 33rd annual meeting of the Australian Neuroscience Society. 3rd – 6th Feb 2013. Melbourne, Australia.
28. **Mohammad G. Mohammad**, Vicky W. W. Tsai, Samuel N. Breit, Prue H. Hart, Paul E. Sawchenko, David A. Brown. A CNS-immune cell pathway for the maintenance of CNS immune tolerance? 11th International Congress of Neuroimmunology. 4th – 8th Nov 2012. Massachusetts, USA.
29. **Mohammad G. Mohammad**, Vicky W. W. Tsai, Samuel N. Breit, Paul E. Sawchenko, David A. Brown. Dendritic cell CCAAT/ enhancer binding protein delta modulates Th17/Treg responses in an IL-10 dependent manner. Inflammation Conference 2012. 30th Nov- 2nd Dec 2012. Melbourne, Australia.
30. **Mohammad G. Mohammad**, Vicky W. W. Tsai, Masoud Hasanpour, Samuel N. Breit, Prue H. Hart, Paul E. Sawchenko, David A. Brown. A CNS-immune cell pathway for the maintenance of CNS immune tolerance? Inflammation Conference 2012. 30th Nov- 2nd Dec 2012. Melbourne, Australia.
31. Samuel N. Breit, Vicky W. W. Tsai, **Mohammad G. Mohammad**, Hong Ping Zhang, Lele Jiang, Yasmin Husaini, David A. Brown. Serum MIC-1/GDF15 levels prospectively predict death from all causes. Inflammation Conference 2012. 30th Nov- 2nd Dec 2012. Melbourne, Australia.

32. **Mohammad M. G. ***, VWW Tsai*, O Tolhurst, SN Breit, PE Sawchenko DA Brown. Dendritic cell CCAAT/ enhancer binding protein delta modulates Th17/Treg responses in an IL-10 dependent manner. 8th International Congress on Autoimmunity. May 9-13th, 2012. Granada, Spain.
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