National Centre for Neuroimmunology and Emerging Diseases Publications
Conferences

2018

2017

Australasian Mastocytosis Society Conference, Sydney 6-8th October


- Disrupted default mode network dynamics in chronic fatigue syndrome. Shan ZY, Finegan K, Bhuta S, Staines DR, Marshall-Gradisnik SM, Barnden LR.

Falk Symposium, Brisbane, Australia 19-20th May 2017

- Gut Microbiome and Mucosal or Septicemic Dysfunction: Mechanisms, Clinical Manifestations and Interventions
- Tight junction dysfunction not present in a chronic fatigue syndrome/myalgic encephalomyelitis cohort. Passmore RJ, Johnston SC, Staines DR, Marshall-Gradisnik SM.

2016

Gold Coast Health and Medical Research Conference, Gold Coast, Australia 1-2nd December 2016

- Anxiety and Depression in Chronic Fatigue Syndrome: Their neurocorrelates and relationships with symptom severity. Barnden L
- Dysregulation of Ca2+ dependent protein kinase gene expression in natural killer cells from Chronic Fatigue Syndrome/Myalgic Encephalomyelitis patients, Chacko A
- Prediction analysis of transient receptor potential ion channel and acetylcholine receptor genes in B lymphocytes from Chronic Fatigue Syndrome/Myalgic Encephalomyelitis, A Klein
- MRI characteristics in insula correlate with fatigue severity in patients with chronic fatigue syndrome/myalgic encephalomyelitis
- An examination of mast cell phenotypes and the role of toll-like receptor 3 in Chronic Fatigue Syndrome/Myalgic Encephalomyelitis and healthy patients
- Prediction analysis of candidate gene ADRA1A in Chronic Fatigue Syndrome/Myalgic Encephalomyelitis

Society for Neuroscience Annual Meeting, San Diego, USA 12-16th November 2016
- The Neurocorrelates of Steady State Blood Pressure and Heart Rate in Healthy Humans
- Medial prefrontal white matter changes associate with sleep quality in patients with Chronic Fatigue Syndrome

International Congress of Immunology, Melbourne, Australia 21-26th August 2016
- Assessment of vasoactive neuropeptide receptor expression in varying severities of Chronic Fatigue Syndrome/Myalgic Encephalomyelitis (CFS/ME)
- B lymphocyte single nucleotide polymorphisms and exomes in transient receptor potential ion channel and acetylcholine receptors in chronic fatigue syndrome
- Novel characterisation of mast cell phenotypes from peripheral blood mononuclear cells and identification of progenitor and activated mast cell phenotypes in chronic fatigue syndrome
- An Examination of Single Nucleotide Polymorphisms in Transient Receptor Potential Ion Channels and Acetylcholine receptors in Chronic Fatigue Syndrome Patients
- Natural killer cytotoxicity and single nucleotide polymorphisms in transient receptor potential ion channels and acetylcholine receptors of isolated natural killer cells in chronic fatigue syndrome
- MAPK signalling and NK cell cytokine production in Chronic Fatigue Syndrome/Myalgic Encephalomyelitis patients
- ERK1/2 significantly reduced in CD56dim CD16+ NK cells from Chronic Fatigue Syndrome/Myalgic Encephalomyelitis patients
- Killer cell immunoglobulin-like receptor genes and allelic polymorphism from Natural Killer cells in Chronic Fatigue Syndrome/Myalgic Encephalomyelitis patients
- Haplotype investigation of Killer cell immunoglobulin-like receptor genes from Natural Killer cells in Chronic Fatigue Syndrome/Myalgic Encephalomyelitis patients
- The Neurocorrelates of Steady State Blood Pressure and Heart Rate in Healthy Humans

Federation of American societies For Experiment Biology, Calcium and Cell Function Conference, Lisbon, Portugal 12-17th June 2016
- Identification of Transient Receptor Potential Melastatin 3 (TRPM3) Cation Channel on human B and Natural Killer cells
- Comparative analysis of Transient Receptor Potential Melastatin 3 (TRPM3) Cation Channel on B and Natural Killer cells from patients with Chronic Fatigue Syndrome (CFS)/ Myalgic Encephalomyelitis (ME).

2015
Gold Coast Health and Medical Research Conference, Gold Coast, Australia 3–4th December 2015

- Comparison of pharmacologic management in Australian Chronic Fatigue Syndrome and chronic fatigue cohorts. AnselC. Collatz, Johnston S, Staines DR and Marshall-Gradisnik S

45th Annual Scientific Meeting of the Australasian Society for Immunology, Canberra, Australia 29th November - 3rd December 2015

- MAPK Signalling and NK Cell Cytokine Production in ME/CFS Patients Huth T, Staines D, Marshall-Gradisnik S
- ERK1/2 Significantly Reduced in CD56dim NK Cells from ME/CFS Patients, Huth T, Staines D, Marshall-Gradisnik S

4th European Congress of Immunology, Vienna, Austria 6-9th September 2015

- Pilot investigation of intracellular signalling molecules required for Natural Killer cell activity in Myalgic Ecephalomyelitis/Chronic Fatigue Syndrome patients, Huth T, Brenu E, Staines D, Marshall-Gradisnik S
- Treg, NKt, gdT in MS and Chronic Fatigue Syndrome/Myalgic Encephalomyelitis and Multiple Sclerosis, Ramos S, Brenu E, Broadley S, Kwiatek R, Ng J, Nguyen T, Freeman S, Staines DR, Marshall-Gradisnik S
- Pilot investigation: inflammatory and oxidative pathways in isolated peripheral mononuclear cells from Chronic Fatigue Syndrome/Myalgic Encephalomyelitis, Nguyen T, Huth T, Ramos S, Brenu E, Staines D, Marshall-Gradisnik S
- A pilot investigation of intracellular signalling molecules required for NK cell activity in Myalgic Encephalomyelitis/Chronic Fatigue Syndrome, Huth T, Brenu E, Staines D, Marshall-Gradisnik S

Scotland Population Health Congress, Hobart, Australia 6-9th September 2015
- Drug therapy and Chronic Fatigue Syndrome: Comparison between CFS/ME cohorts, Collatz A, Johnston SC, Staines D, Marshall-Gradisnik S

**International Student Research Forum, Aberdeen, Scotland 19-23rd July 2015**
- Immunological abnormalities in patients meeting new criteria for Chronic Fatigue Syndrome, Johnston SC, Brenu E, Staines D, Marshall-Gradisnik S

**European Congress of Epidemiology, Maastricht, Netherlands 25-27th June 2015**
- Epidemiological characteristics of Chronic Fatigue Syndrome in an Australian cohort, Johnston SC, Collatz A, Brenu E, Staines D, Marshall-Gradisnik S
- Impairment in patients meeting alternative criteria for Chronic Fatigue Syndrome/Myalgic Encephalomyelitis: An Australian cohort study, Johnston SC, Brenu E, Staines D, Marshall-Gradisnik S
- Development of the Australian Registry for Chronic Fatigue Syndrome: Applying new methods of e-research and mixed design in epidemiology

**NK2015 - 15th Meeting of the Society for Natural Immunity, Montebello, Canada 2-6th May 2015**
- NK Cell KIR Typing in Chronic Fatigue Syndrome/Myalgic Encephalomyelitis (CFS/ME), Huth T, Brenu E, Ramos S, Staines D, Marshall-Gradisnik S

**2014**

**Australasian Society for Immunology Annual Conference, Sydney, Australia 6-10th April 2014**

**Meeting of the International Cytokine and Interferon Society, Melbourne, Australia 26-29th October 2014**
The role of cytokines in the cerebrospinal fluids of patients with Chronic Fatigue Syndrome/Myalgic Encephalomyelitis, Marshall-Gradisnik S, Gottschalk G, Ramos S, Brenu EW, Staines DR, Peterson D


International Student Research Forum, Odense, Denmark 31st May - 5th June 2014

2nd Asian Clinical Congress, Kyoto, Japan 3-5th April 2014

11th International Association for Chronic Fatigue Syndrome/Myalgic Encephalomyelitis Biennial Conference, San Francisco 20-23rd March 2014
- Natural Killer Cell Subset Distribution of Lytic Proteins in Chronic Fatigue Syndrome/Myalgic Encephalomyelitis
- Physical and social functioning in varying cases of Chronic Fatigue Syndrome/Myalgic Encephalomyelitis
- Immune and physical status in patients meeting new criteria for Chronic Fatigue Syndrome/Myalgic Encephalomyelitis
- Immunological, physical and social functioning in varying cases of Chronic Fatigue Syndrome/Myalgic Encephalomyelitis, Johnston S, Brenu E, Hardcastle S, Huth T, Fuller K, Ramos S, Staines D, Marshall-Gradisnik S

9th International Congress on Autoimmunity, Nice 26-30th March 2014

• Comprehensive Analysis of peripheral B cell phenotypes in Chronic Fatigue Syndrome/Myalgic Encephalomyelitis, Fuller K, Brenu E, Huth T, Hardcastle S, Johnston S, Nguyen T, Staines D, Marshall-Gradisnik S


2013

15th International Congress of Immunology, Milan 22-27th August 2013
• Assessment of Natural Killer Cell Receptors and Activity in Severe and Moderate Chronic Fatigue Syndrome, Hardcastle S, Brenu E, Staines, Marshall-Gradisnik S

• Analysis of Neutrophil Function in Severe and Moderately Affected Chronic Fatigue Syndrome Subjects, Hardcastle S, Brenu E, Staines DR, Marshall-Gradisnik S

• Measurement of natural killer cell apoptotic inducing lytic proteins in peripheral blood mononuclear cells and isolated natural killer cells, Huth T, Brenu E, Staines D, Marshall-Gradisnik S

• The role of dendritic cells and monocytes in chronic fatigue syndrome/myalgic encephalomyelitis, Brenu E, Huth T, Hardcastle S, Cosgrave L, Staines D, Marshall-Gradisnik S

• T Cell Dysregulation in Chronic Fatigue Syndrome/Myalgic Encephalomyelitis, Brenu E, Hardcastle S, Huth T, Cosgrave L, Staines D, Marshall-Gradisnik S

14th International Mental Health Conference, Surfers Paradise 5-6th August 2013
• Myalgic Encephalomyelitis/Chronic Fatigue Syndrome: An Update for Mental Health Professionals, Staines D, Johnston S, Brenu E, Marshall-Gradisnik S

The European Congress of Epidemiology, Denmark 11-14th August 2013
• Interpreting Chronic Fatigue Syndrome/Myalgic Encephalomyelitis Prevalences: Differences in Clinical Definitions, Johnston S, Brenu E, Staines D, Marshall-Gradisnik S

• A Meta-Analysis of Chronic Fatigue Syndrome/Myalgic Encephalomyelitis Prevalence, Johnston S, Brenu E, Staines D, Marshall-Gradisnik S

6th Asian Congress of Autoimmunity, Hong Kong 21-23rd November 2013

The 8th Invest in ME International ME Conference, London 31st May 2013
Current Knowledge of Immunological Biomarkers

2012
International Conference on Translational Medicine, San Antonio 17-19th September 2012

Gold Coast Health and Medical Research Conferenece 29-30th November 2012
Comparison of Degranulation in Samples of Peripheral Blood Mononuclear Cells and Isolated Natural Killer (NK) Cells for the Assessment of NK Cell Cytotoxic Activity, Huth T, Brenu E, Staines D, Marshall-Gradisnik S
The Effects of Anabolic Steroids on Natural Killer Cell Cytotoxic Activity, Cosgrave L, Brenu E, Huth T, Gray B, Marshall-Gradisnik S
The Isolation and Quantification of Circulating microRNA in Chronic Fatigue Syndrome Patients, Brenu E, Batovska J, Ashton K, Staines D, Marshall-Gradisnik S
Immunological Mechanisms of Vaccination

Immunological Mechanisms of Vaccination, Canada 13-18th December 2012

8th International Congress of Autoimmunity, Spain 9-13th March 2012
Expression of Inflammatory Cytokines in Chronic Fatigue Syndrome, Batovska J, Brenu E, Marshall-Gradisnik S
Natural Killer Cells in Patients with Severe Chronic Fatigue Syndrome, Hardcastle S, Brenu E, Van Driel M, Staines D, Kreijkamp-Kaspers S, Marshall-Gradisnik S

Annual Victorian Chronic Fatigue Conference
Immunological Dysfunction as Possible Biomarkers for Chronic Fatigue Syndrome
The 7th Invest in ME International ME Conference, London 1st June 2012
- New Directions in ME/CFS Research
- Current Knowledge of Immunological Biomarkers

Clinical Autoimmunity Working Group, London
- Exploring Autoimmune Pathomechanisms in ME/CFS
- Do symptoms match putative autoimmune targets in ME?