



Katz, B., Collin, S., Murphy, G., Moss-Morris, R., Bruun Wyller, V., Wensaas, K-A., Hautvast, J., Bleeker-Rovers, C., Vollmer-Conna, U., Buchwald, D., Taylor, R., Little, P., Crawley, E., White, P., & Lloyd, A. (2018). The international collaborative on fatigue following infection (COFFI). *Fatigue: Biomedicine, Health and Behavior*.
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Table 3: Open COFFI cohorts

| Cohort name, Country | Principal Investigator(s) | Participants | Follow-up | CFS Definition(s) Used | Questionnaires/ Data Collected | Samples Collected | Assay Data | Other Investigations |
|---|---------------------------------|--|------------------|------------------------|--|---|---|--|
| Sydney Infection Outcomes Study (SIOS), Australia | Ute Vollmer-Conna, Andrew Lloyd | Attendees at University Medical Health Service and Emergency Department (Prince of Wales Hospital) with acute, febrile viral infection | 2, 12 & 24 weeks | CDC/ Fukuda | Prolonged fatigue state (score ≥ 3) on somatic symptoms subscale of 34-item Somatic and Psychological Health Report; International Neuropsychiatric Interview, Structured Clinical Interview for Neurasthenia, Symptom Checklist (current physical symptoms), Kessler Psychological Distress Scale, Pittsburgh Sleep Quality Index, McGill Pain Questionnaire, SF-36, Perceived Stress Questionnaire, Duke Social Support Index, EPQ, Somatosensory Amplification Scale, Childhood Trauma Questionnaire – Short Form, AUDIT alcohol consumption questions, Health Care Utilization | At each assessment visit, ~ 90ml of venous blood are collected: 1 red top; 1 white top (6 ml with 120 μ l of EDTA/ glutathione added), 8 yellow top tubes (72ml in ACD) | Stored RNA and genomic DNA (host genetic and gene expression analyses), stored PBMCs (for cytokine production assays), stored serum/plasma (for bioplex assays, CRP, neopterin, neuropeptide Y, catecholamines, vitamin D). | Circadian rhythm, autonomic function testing |
| CFS following IM in college students | Ben Katz, Leonard Jason | Attendees at Northwestern University Health Service: Stage 1 - healthy college students (N=3661 as of 5/26/16); Stage 2 | 6 & 12 months | CDC/ Fukuda; IOM; | Compass 31 (an autonomic symptom checklist), Perceived stress scale, Modified | Plasma, serum, viable cells | Complete blood count, comprehensive metabolic panel, | |

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|---|-------------|--|----------|-------------------|--|-----------------|---|------------------------------------|
| (Chicago, USA) | | - identify IM cases (N=155 as of 5/26/17; Stage 3 (6 months following IM) - compare those who develop CFS (n=21 @ 6 months) with matched controls (n=23 as of 5/26/17) | | Canadian criteria | activity questionnaire, Coping orientation to problems experienced scale, Beck Depression Inventory, Beck Anxiety Inventory, Fatigue Scale | | CRP, urinalysis, thyroid function, HIV antibody test, urine toxicology, Beta HCG. | |
| FAME (acute Fatigue Assessment and Management in Everyday practice), UK | Paul Little | Primary care attendees (10 practices) over 4 months: 150-200 acute fatigue patients comprising groups with sore throat, other infection, and no infection. (baseline and 6 months) | 6 months | | | Blood and urine | Samples for storage only currently. | Website to support self-management |

