



Proceedings:

American Association for Chronic Fatigue Syndrome

Research Conference

Friday, Saturday and Sunday

October 7, 8 and 9, 1994

Chronic Fatigue Syndrome

Sponsored by

American Association for Chronic Fatigue Syndrome

Florida Dept. of Health & Rehabilitative Services

National Institutes of Health (NIH)

University of Miami School of Medicine

U.S. Centers for Disease Control & Prevention (CDC)

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American Association for Chronic Fatigue Syndrome Research Conference Agenda



Day 1 - Friday, October 7

Research Conference Opens

8:00 AM Registration Open

9:00 - 9:45 AM **Keynote Address:**
*California Health Dept.'s
Response to CFS*
George Rutherford, MD
Followed by Q&A.

9:45 AM - 12:00 PM **Session I
Epidemiology**
Chair: Dedra Buchwald, MD
Rapporteur: Paul H. Levine, MD

9:45 - 10:30 AM **Introductory Speech:**
*History of
Epidemiology of CFS*
William C. Reeves, MD
Followed by Q&A.

Papers:

10:30 AM
**A Community-Based Study of Unexplained
Prolonged and Chronic Fatiguing Illness in a Rural
Area of Michigan**
Keiji Fukuda

10:45 AM
**Investigation of Chronic Fatigue Syndrome among
Employees of Two State Office Buildings in
California, 1993**
Abigail M. Shefer

11:00 AM
**Prevalence of Chronic Fatigue and Chronic Fatigue
Syndrome in the Community**
Dedra Buchwald

11:15 AM
**A Pilot Study Estimating Rates of Chronic Fatigue
Syndrome from a Community Based Sample**
Leonard A. Jason

11:30 AM
Precipitating Events in CFS
Irving E. Salit

11:45 AM
**The Prevalence of Chronic Fatigue Syndrome
Symptoms in Other Forms of Unexplained Chronic
Fatigue**
Alexander C. Chester

11:45 - 12:30 AM Discussion

12:30 - 2:00 PM **Luncheon Workshops #1 or #2**

*Box lunches may be purchased
and brought into the Workshops.*

**#1 - Using Existing
Databases for
Epidemiological Studies
Plantation**

Room:
Chair: Leonard Jason, PhD

**#2 - NIH Research
Grant Opportunities:
Application and
Review Process**

Room:
Chair: Marcel Pons, MD

2:00 - 4:15 PM **Session II
Interdisciplinary Studies**

Chair: Mark Demitrack, MD
Rapporteur: Benjamin H. Natelson, MD

2:00 - 2:45 PM **Introductory Speech:**
Psychoneuroendocrinology
Mark Demitrack, MD
Followed by Q&A.

2:45 PM
**Neuropsychological Performance in Chronic
Fatigue Syndrome, Multiple Sclerosis, and
Depression**
John DeLuca

3:00 PM
**Psychological Dimensions of Chronic Fatigue
Syndrome (CFS) Patients**
Lynn M. Helder

3:15 PM
**Abstract Concept Formation Deficits as Measured
by the Category Test in Chronic Fatigue Syndrome
(CFS) Patients**
William Harry Pettibon

3:30 PM
**Subjects with Chronic Fatigue Syndrome (CFS)
Show Subtle Abnormalities in Autonomic Nervous
System Function**
D.L. Hamilos

3:45 PM
Acylcarnitine Deficiency Syndrome (ACDS)
Hirohiko Kuratsune

4:00 PM
**Serum Levels of Carnitine in Chronic Fatigue
Syndrome: Clinical Correlates**
Audrius V. Plioplys

4:15 PM

Personality Dimensions in the Chronic Fatigue Syndrome: A Comparison with Multiple Sclerosis and Depression

Susan K. Johnson

9:45 AM

Electron Microscopic Immunocytological Profiles in Chronic Fatigue Syndrome

Michael Holmes

4:30 - 7:00 PM Scientific Poster Sessions

Exhibit of Selected Scientific Studies followed by moderated discussion.
Wine & cheese reception in the Atrium, sponsored by AACFS & The Haworth Press.

Poster Rooms: Marathon/Sanibel
Everglades/Naples

Moderators: Dharam Ablashi, DVM
Nancy Klimas, MD
Paul H. Levine, MD

Moderated Discussion Rooms:

Epidemiology: **Key West**
interdisciplinary: **Biscayne**
Physiology/Microbiology/Immunology:
Grand Ballroom A
Clinical Studies: **Grand Ballroom C**

7:00 PM Speakers' Dinner
Sponsored by Abbott Laboratories

Room: Coral Springs/Plantation

Day II - Saturday, October 8

**8:30 - 12 noon Session III
Microbiology and Immunology**

Co-Chairs: Dharam Ablashi, DVM
Jay A. Levy, MD
Rapporteur: Roberto Patarca, MD

8:30 - 9:15 AM Introductory Comments:
Jay A. Levy, MD
Introductory Speech:
Gender Differences and the Immune Response
Joseph G. Cannon, PhD
Followed by Q&A

9:15 AM
Frequency of Human Herpesvirus-6 (HHV-6) and Epstein-Barr Virus (EBV) Reactivation in Chronic Fatigue Syndrome (CFS) Patients
D.V. Ablashi

Day II Cont. - Saturday, October 8

9:30 AM
Enteroviruses and the Chronic Fatigue Syndrome
Caroline Swanink

10:00 AM

Symptomatic Improvement Associated with Down Regulation of Immune Hyper Reactivity by Calcium Channel Blockade in CFIDS

R.H. Keller

10:15 AM

A Case-Control Study of Immunologic Parameters in Chronic Fatigue Syndrome (CFS) Patients

A.C. Mawle

10:30 AM

Familial Chronic Fatigue Syndrome (CFS) with Low Natural Killer Cell Activity

Paul H. Levine

10:45 AM

Immune Dysregulation in an Occupationally-Defined Cluster of Chronic Fatigue Syndrome

Seymour Grufferman

11:00 AM

Dysregulated Cytokine Production In Chronic Fatigue Syndrome

Lawrence Borish

11:15 - 12 noon **Discussion**

12 noon - 1:30 PM Luncheon Workshops #3, #4 or #5

Box lunches may be purchased and brought into the Workshops.

#3 - Instruments for Use in Clinical and Research Settings

Room: Global Ballroom B
Chair: Dedra Buchwald, MD

#4 - Immunology

Room: Global Ballroom C
Chairs: Jay A. Levy, MD
Nancy Klimas, MD

#5 - Neuroimaging Techniques and Neurocognitive Testing: Interpreting results in CFS

Room: Global Ballroom D
Chairs: Helen Mayberg, MD
Karen Schmalig, PhD

**1:30 - 4:45 PM Session IV
Physiology**

Chair: James Jones, MD
Rapporteur: Daniel J. Clauw, MD

1:30 - 2:15 PM **Introductory Speech:**
Pathologic & Physiologic Correlates of SPECT Scans
Helen Mayberg, MD
Followed by Q&A

2:15 PM

⁹⁹Tc^m-HMPAO Spect Scan in Chronic Fatigue Syndrome: A Comparison with Major Depression and Controls
Benjamin Fischer

2:30 PM

SPECT and MR Imaging of the Brain in Patients with Chronic Fatigue Syndrome
F. Aitchison

2:45 PM

A Role for Interferon-a in the Psychoneuroendocrinology of Chronic Fatigue Syndrome
David Saphier

3:00 PM

Elevation of Bioactive Transforming Growth Factor-beta in Serum from Patients with Chronic Fatigue Syndrome
Adrienne L. Bennett

3:15 PM

Chronic Fatigue Syndrome and Oxidative Metabolic Capacity in Women
John J. LaManca

3:30 PM

Exercise Capacity Is Decreased in Chronic Fatigue Syndrome Compared to Controls
James Jones

3:45 PM

Quantified EEG Findings in Patients with Chronic Fatigue Syndrome
Frank H. Duffy

4:00 PM

An Evolving Diagnostic Marker for Chronic Fatigue Immune Dysfunction Syndrome Using EEG Technology
Charles Lapp

4:15 PM

Cytokine Production and Movement Related Brain Potentials Are Abnormal in Chronic Fatigue Syndrome
S. Gupta

4:30 PM

Decreased Event-Related Potential N-100: A Possible Neurologic Marker for CFS Impairment
Jay A. Goldstein

4:30 - 4:45 PM

Discussion

4:45 - 6:15 PM

AACFS First Annual Business Meeting
Chair: Paul H. Levine, MD
President, AACFS

7:15 - 9:00 PM

Banquet
Keynote Address:
Gulf War Syndrome and CFS: Remarkable Similarities
Followed by Q&A.

Room:

Grand Ballroom

Speaker:

Major General Ronald Blanck, DO

Day III - Sunday, October 9

8:30 - 11:30 AM

**Session V
Clinical Studies**

(This session is open to Clinical Program attendees.)

Chair:

Anthony Komaroff, MD

Rapporteur:

Paul Cheney, MD, PhD

8:30 - 9:15 AM

Introductory Speech:
Clinical Research in CFS: Opportunities and Pitfalls
Anthony Komaroff, MD
Followed by Q&A

9:15 AM

The Assessment of Physical Activity in Patients with Chronic Fatigue Syndrome: A Comparison with Patients with Multiple Sclerosis and Healthy Subjects
J.H.M.M. Vercouten

9:30 AM

The Clinical Course of Chronic Fatigue Syndrome (CFS): Longitudinal Observation of CDC Surveillance System Participants
Lea Steele

9:45 AM

Symptom Patterns and Illness Progression in Long-Term Chronic Fatigue Syndrome
Fred Friedberg

10:00 AM

The Relationship between Fibromyalgia and Interstitial Cystitis
Daniel J. Clauw

10:15 AM

Autoimmune Diseases in the Families of Patients with Chronic Fatigue Syndrome in Western New York
Richard J. Lanham

10:30 AM

Design of a Therapy Protocol for Chronic Fatigue Syndrome Patients, Prospective Controlled Clinical Study Using Validated Pain and Fatigue Behavior Checklist of Video Registered Tasks
Peter Vaes

10:45 AM

Double Blind Randomized Controlled Trial to Assess The Efficacy of Intravenous Gammaglobulin in the Management of Chronic Fatigue Syndrome in Adolescents
Katherine S. Rowe

11:00 - 11:30 AM Discussion