

THE INIM

SUMMER 2022

Institute for
Neuro-Immune Medicine
NOVA SOUTHEASTERN UNIVERSITY | **NSU**
Florida

International Association for
IACFS/ME

Chronic Fatigue Syndrome/ Myalgic
Encephalomyelitis

Members of the INIM team will be presenting at the IACFS/ME 2022 Virtual Medical and Scientific Conference, July 27 - 30, 2022 from 9:00 a.m. - 5:00 p.m. EDT.

Check out the schedule and register on the event page:
<https://www.iacfsme.org/2022-conference-main-page/>

7/28 | 1:30 p.m. - Kristina K Aenlle, Ph.D., "Immune comparison of male and female ME/CFS patients"

7/30 | 9:00 a.m. - Irina Rozenfeld, "Announcements"

7/30 | 1:30 p.m. - Nancy Klimas, MD, "COVID-19: Understanding recruitment strategies in a community-based assessment of fatigue, cognitive and functional impairments among those after SARS-CoV-2 infection"

Blue Ribbon Fellowship Winner

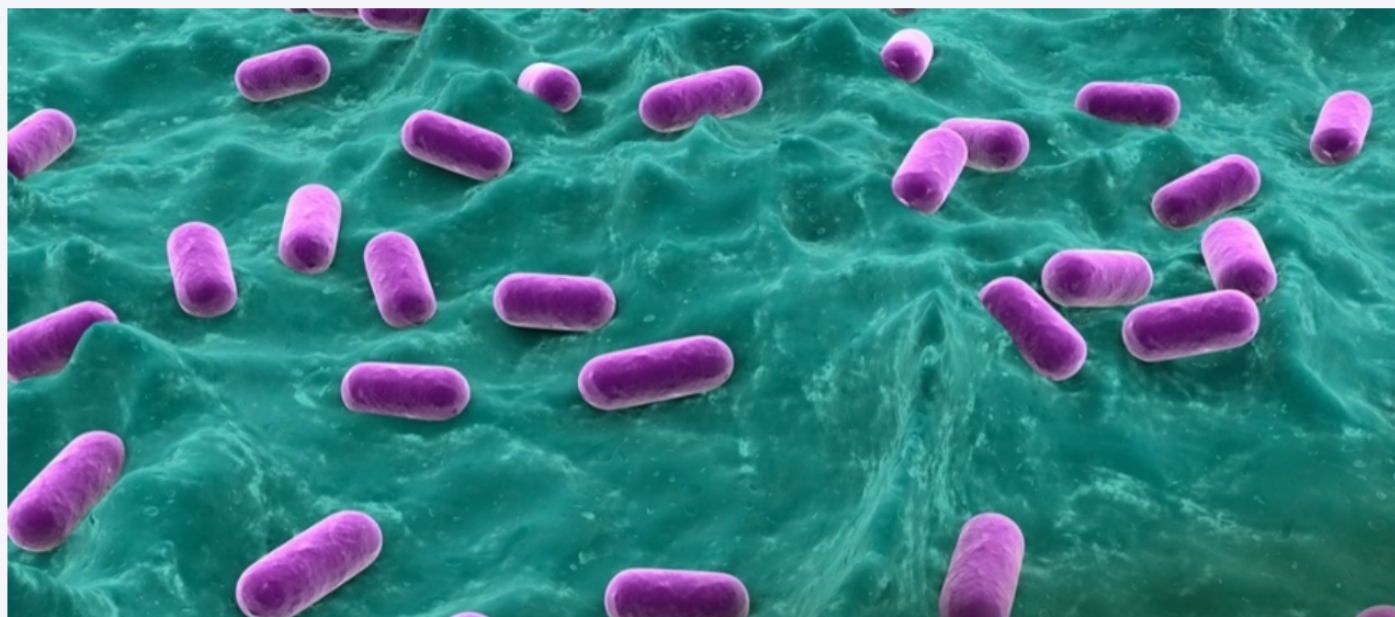
This summer, the Institute for Neuro-Immune Medicine has awarded a premedical student with the Blue Ribbon Fellowship with a clear interest in ME/CFS.

Alexandra Noble, Rising Senior, Pre-Medical Student at the University of Notre Dame

This fellowship is kick-starting our focus on medical education! We have really grown from an eight-week summer for rising sophomores to a formalized program that starts in year one and extends into life-long learning strategies.



New Research Study!



The Use Of Directed Probiotics In ME/CFS

In this virtual study, we aim to use the probiotic, Floradapt Intensive GI (other name i3.1), to reduce gastrointestinal (GI) inflammation and normalize the GI, to determine whether resetting your microbiome will help your gut health and perhaps your body as well while simultaneously assessing the effectiveness and safety of this intervention based on the severity of illness.

Who can Participate?

INIM Researchers will evaluate the use of probiotics in 100 participants who:

- Are between 45 to 70 years of age
- Meet the Institute of Medicine (Canadian Consensus Criteria) case definition for ME/CFS
- May or may not be diagnosed with irritable bowel syndrome (IBS)

For more information, please email KanekaStudy@nova.edu.

Other ME/CFS Research Opportunities that you can participate in...

	Study title	Where?	When
Chatterjee	Immune/Inflammatory Priming In Exacerbating Responses To GWI Stressors	Miami VA Kendall/Davie INIM Clinic	Recruiting now!
BBRAIN	Boston Biorepository, Recruitment and Integrative Network (BBRAIN) for GWI	Miami VA Kendall/Davie INIM Clinic	Recruiting now!

Interested in participating?

Contact the National Recruitment Coordinator, Zachary Barnes:

zachary.barnes@va.gov

Office - (305) 575 - 7000 ext 14217

Cell - (617) 435 - 5634



Gulf War Illness Studies underway at INIM

- **The Reboot Study** - TNF & Glucocorticoid Antagonist for GWI Associated Multi-Symptom Disease Hemostasis Reset
 - Recruiting 18 male Operation Desert Shield/Desert Storm Veterans
- **Bacopa Study** - Nutraceutical for GWI Associated Cognitive Dysfunction & Biological Response
 - Starting soon - not yet recruiting

For more information about these studies, contact us at 954-262-2870 or email GWICTIC@nova.edu.

In the News

The 'abortion pill' may treat dozens of diseases, but Roe reversal might upend research

Mifepristone, the FDA-approved abortion drug, might also treat conditions like cancer and PTSD. Proving it works in a post-Roe landscape could be a challenge.



Dr. Nancy Klimas is among the many "researchers studying mifepristone for its uses outside abortion (that) could face their own set of challenges."

Klimas' Gulf War Illness study, The Reboot Study, is a Phase 1 trial using etanercept and mifepristone designed for just a few dozen patients at the Miami VA. This dosage finding study will evaluate the safety, effectiveness and biological response to the two medications in changing the body's "sick response" of GWI into a more permanently healthy condition.

For the fate of the veterans in her mifepristone trial, she's anxious about what this Supreme Court decision will mean.

To access the full article, visit:

<https://www.nbcnews.com/news/amp/rcna34812#anchor-strongWhatRoesreversalcouldmeanfortrialsstrong>

For more information on the Reboot Study, visit our website:

<https://www.nova.edu/nim/research-studies/research-studies-pages/gwi-consortium%20/TNF-gluocorticoid-page.html>

Event Recap

2022 INIM Conference

On Friday, June 10th, from 11:00 a.m. to 2:00 p.m., we hosted the 2022 INIM Conference -Understanding ME/CFS Today: A Clinical & Research Approach. This free virtual event featured some of the institute's clinicians and researchers as they discussed research and the various clinical approaches to ME/CFS and Long COVID.



Our exciting line-up of speakers:

- *Research Update & How to Safely Take Vaccines*
Nancy Klimas, M.D.
- *Long COVID Management and Research*
Annette Fornos, M.D., IFMCP, ABAAR
Nancy Klimas, M.D.
- *Environmental Illness and ME/CFS*
Irma Rey, M.D.
- *The Gut and ME/CFS and The New Probiotic Study*
Irina Rozenfeld, DNP, MSHS, APRN, ANP-BC
Violetta Renesca, DNP, APRN, NP-C, IFMCP
- *Brain Health and ME/CFS*
Craig Tanio, M.D., FACP, IFMCP

The event concluded with a live Q&A moderated by Dr. Irina Rozenfeld.



Missed the event?
Want to rewatch? Visit:
<https://youtu.be/YbkqrNvvMgw>

Recent Publications

Post COVID-19 joint pain: Preliminary report of the relationship with antinuclear antibodies and inflammation

- Tamariz L, Bast E, Abad M, Klimas N, Caralis P, Palacio A.
<https://doi.org/10.1002/jmv.27753>

Host gut resistome in Gulf War chronic multisymptom illness correlates with persistent inflammation

- Bose D, Chatterjee S, Older E, Seth R, Janulewicz P, Saha P, Mondal A, Carlson JM, Decho AW, Sullivan K, Klimas N, Lasley S, Li J, Chatterjee S.
<https://doi.org/10.1038/s42003-022-03494-7>

Dry Eye Symptoms and Signs in US Veterans With Gulf War Illness

- Sanchez V, Baksh BS, Cabrera K, Choudhury A, Jensen K, Klimas N, Galor A.
<https://doi.org/10.1016/j.ajo.2021.11.010>

Prevalence of Aspergillus-Derived Mycotoxins (Ochratoxin, Aflatoxin, and Gliotoxin) and Their Distribution in the Urinalysis of ME/CFS Patients

- Wu TY, Khorramshahi T, Taylor LA, Bansal NS, Rodriguez B, Rey IR.
<https://doi.org/10.3390/ijerph19042052>



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Your gift, no matter the amount, will help advance groundbreaking research and ensure that the INIM will continue to be a vital resource for our community.

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