

Open Medicine Foundation (OMF) is fast-tracking revolutionary research in chronic complex diseases.

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*“The skies have been dark, cloudy, often black in truth, for years and years, but since learning of your work and that of your team I'm seeing a rainbow trying to break through.”*

— ME/CFS patient

**What is ME/CFS?**

ME/CFS, or Myalgic Encephalomyelitis/Chronic Fatigue Syndrome, is a devastating and life-altering disease that affects up to 2.5 million people in the U.S. alone. Suffering from a host of symptoms that are chronic and incapacitating, patients with ME/CFS have a lower quality of life and higher rates of disability than patients with AIDS, MS, Diabetes and Rheumatoid Arthritis. No cure exists.

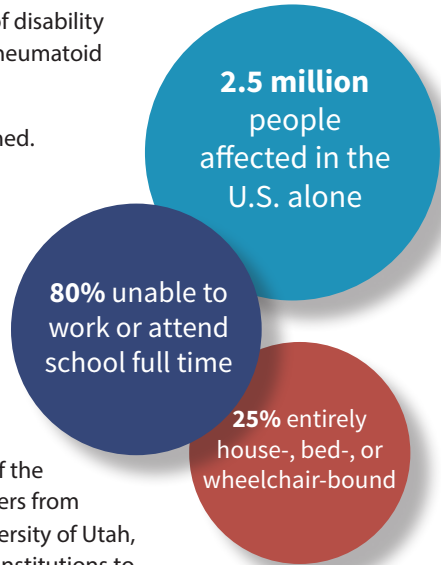
It's invisible, it's pervasive, it's under-researched. We are determined to change this!

**The End ME/CFS Project**

The Human Genome Project—perhaps the most groundbreaking project in medicine in the last 15 years—succeeded because world-renowned experts in a wide range of disciplines came together and openly shared their research results. Using this model, Open Medicine Foundation has engaged leaders of the Human Genome Project along with researchers from Stanford University, Harvard University, University of Utah, University of California, San Diego and other institutions to turn their attention to ME/CFS.

This is the first time ever that leading world-class scientists will be putting their minds together to solve this massive problem. Led by Ronald W. Davis, Ph.D.—considered one of the fathers of the modern era of human genetics—and an extraordinary scientific advisory board that includes **three Nobel Laureates**, six members of the National Academy of Sciences, and other eminent researchers and clinicians, the End ME/CFS Project takes a comprehensive research approach based on collaboration, shared results, and analysis of Big Data. Our lean business model will fast-track revolutionary research and find solutions.

The End ME/CFS Project aims to understand the disease at a molecular level. Currently underway is a comprehensive analysis on severely ill ME/CFS patients, with a goal of identifying biomarkers—indicators of the severity or presence of the disease. Also underway is a validation of the groundbreaking Metabolomics Study (Naviaux et.al. 2016) which can potentially define a clear metabolic 'signature' that will accurately distinguish patients from healthy individuals. Progress made through this endeavor has the potential to shed light on other complex chronic diseases. **Help us decode ME/CFS!**



## OPEN MEDICINE FOUNDATION UNIQUE APPROACH

- **Prestigious Scientific Board**
- **Global Collaboration: With Scientists, Clinicians, Patients**
- **Open Model: Share Results Publicly**
- **Big Data & Innovative Cost Efficient Technologies**
- **Focus on Molecular & Cellular Pathways vs. Symptoms Research**
- **Personalized Medicine Approach**

OPEN MEDICINE  
FOUNDATION  
(OMF) is a



To find out more about the OMF and The End ME/CFS Project or to donate, visit our website: [www.omf.ngo](http://www.omf.ngo)

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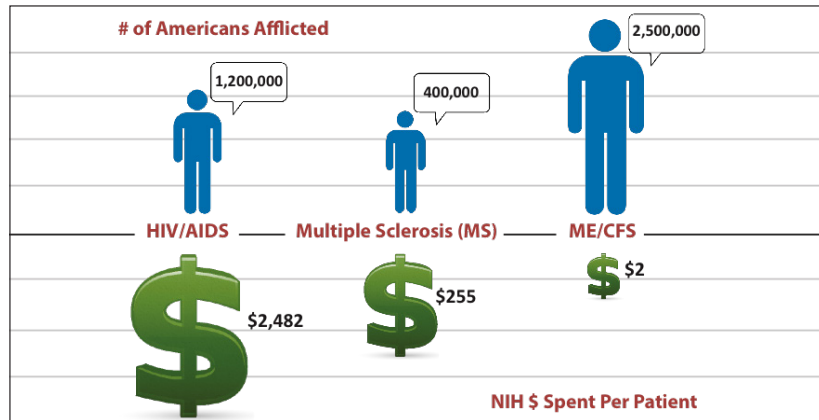
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## Let's End ME/CFS Together

According to the recent Institute of Medicine report, ME/CFS is more common than multiple sclerosis, lung cancer, or AIDS. It is likely to be present in one percent of the population globally. Yet, given the number of people afflicted by ME/CFS, remarkably little funding has been allocated by the National Institutes of Health (NIH). The NIH spends an average of just \$2 per patient per year in research dollars for ME/CFS.



Although OMF has established a positive relationship and strong reputation with NIH in our hope to change governments' role in supporting research, we can't wait for government funding. **The Open Medicine Foundation has taken on the challenge of filling the gap to fight this under-funded and under-researched disease.** But a great research strategy is not enough.

To advance such an ambitious scientific endeavor, the End ME/CFS Project will require a major financial investment from the private sector. We seek contributions from individuals, corporations, and foundations **to raise \$5 million annually for this urgent research.** The funds will be used for:

- Sample collection and testing
- Computational data analysis with an open access platform
- Research project management
- Thought-leader consortiums
- Inform the medical, research, and patient communities
- Fundraising and transparent financial governance

We are determined to reach our goals and with your support, the best minds in their fields will come together in collaboration and groundbreaking research to understand ME/CFS.

**Be part of this game-changing effort. Your support will promote revolutionary research to find a diagnostic tool, effective treatments, and ultimately, a cure.**

*“My son Whitney woke me this morning to inform me that he is dying. He did not say he is dying - he cannot speak. He did not write he is dying - he cannot write. He used scrabble tiles to spell out his message. He knows he is running out of time. We need research funds TODAY to find answers to save his life and millions of others.”*



— Ronald W. Davis, PhD, Director,  
OMF ME/CFS Scientific Advisory Board  
One of Today's Greatest Inventors (Atlantic Magazine, 2013)