

# Open Medicine Foundation(OMF)

## End ME/CFS Project

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### THE END ME/CFS PROJECT

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### OMF ME/CFS Severely Ill Big Data Study



As the first part of OMF's End ME/CFS Project, this study will conduct a comprehensive, "Big Data," analysis on severely ill ME/CFS patients with the goal of finding sensitive and distinctive molecular biomarker(s).

The initial patient population will be the most severely affected, bedbound patients, who are likely to show the strongest molecular signal. By taking easily collected biofluid samples and comparing them to samples from healthy people, as well as from people, with related diseases, researchers aim to uncover telltale biomarkers that are specific to ME/CFS.

Molecular biomarker(s) may be found in the blood, saliva, sweat, urine and/or feces.

The source of the potential diagnostic biomarker(s) could be in the DNA, RNA, proteins, carbohydrates or metabolites, or could be from an associated microbe in or on the body.

Conducting all of these molecular investigations with state-of-the-art methodologies on well-described patients will be a

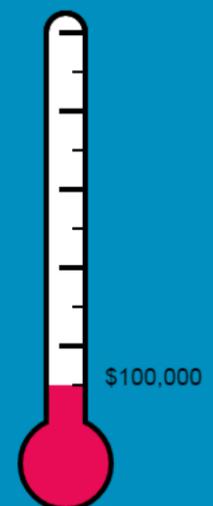
**May 2015 Update**  
in honor of  
**May 12th**  
**Awareness Day**

**Click to see the**  
**Severely Ill Big Data**  
**Study details**

**Together we can do this!**



Target: \$1,000,000



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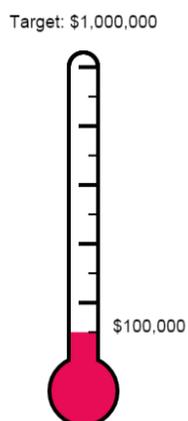
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daunting task. It will require significant resources and considerable coordination and cooperation within the scientific and medical communities. For the first phase of this study, our goal is to raise \$1 million. We have \$100,000 to start the study. Gaining the extensive data set will require \$25,000 per patient for logistics and supplies.

You can be a part of this historic effort by donating today to help find molecular biomarker(s) to be used for diagnosis, effective treatments and prevention. We urgently need more funding to increase the patient size.



**[Click here to see the Study Features, Goals and Details of the Severely Ill Big Data Study.](#)**



Ronald W. Davis, PhD, Director Scientific Advisory Board  
Linda Tannenbaum, Executive Director

***"If you want to make a difference in the world, this is where you can do that. This is the last major disease that we have little understanding about. If you want to get involved on the ground floor and help us learn what is going on...this is it."***

**Ronald W. Davis, PhD, Director, OMF ME/CFS Scientific Advisory Board**

**[The End ME/CFS Project: The Ultimate Goal](#)**

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To understand ME/CFS, a new approach is needed.

The End ME/CFS Project aims to:

1. Understand the disease at a molecular level.
2. Find biomarkers that can be used for patient-centered outcomes.
3. Identify diagnostic tools, effective treatments towards a cure, and prevention.
4. Provide a data-driven model of understanding, diagnosis, and personalized treatment.
5. Share progress widely and frequently with the scientific, medical, and patient communities.

What makes this a historic venture is our underlying commitment to produce breakthroughs in our understanding of ME/CFS. Modeled after the Human Genome Project—perhaps the most groundbreaking project in medicine in the last 15 years—and the Consortium on Inflammation and Host Response to Injury in Humans (NIH GlueGrant Project), world-renowned experts in a wide range of disciplines are engaged with this novel research approach. Open information sharing and a lean start-up business model will fast-track research and solutions.

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**Read about OMF in the Press:**

Please share these great articles and blog sites.

**Health Rising, *Shining A Light: The End ME/CFS Projects Severely Ill Patient Study* by Cort Johnson**

The severely ill....They are the most baffling, disturbing and potentially illuminating subset of ME/CFS patients found.

**Read more-**

**Phoenix Rising, *The End ME/CFS Project: History Taking Root* by Clark Ellis.**

**History Taking Root**



***A few of the Great Minds involved***

A new research consortium was recently launched by the Open Medicine Foundation (OMF) supported by several of the world's top scientific minds. Under the guidance of world-renowned geneticist Ronald W. Davis, PhD, the

OMF End ME/CFS Project is a movement aimed at blasting ME/CFS research into the mainstream. Its stated goal is to “understand the disease at a molecular level, finding diagnostic markers, effective treatments, cure and prevention.” said OMF ME/CFS Scientific Advisory Board Director Ronald W. Davis, PhD. [Read more-](#)

**[Huffington Post](#)**, *Key Features of Possibly the Most Underserved and Underdiagnosed Disease: Do You Have It?*

A February Institute of Medicine report said up to 91 percent of people with chronic fatigue syndrome have not been diagnosed. These people are not receiving appropriate treatments or healthcare advice. [Read more-](#)

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**Say Myalgic Encephalomyelitis 3 Times**

**Say It, Know It, Cure It!**

The Jarrett family's "Know M.E. Challenge" with OMF's Linda Tannenbaum

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## OpenMedicine Foundation

Tax ID: 26-4712664

Collaborating to Fast Track Answers

### Our Mission:

- To support collaborative medical research to find effective treatments and diagnostic markers
- To communicate, engage and inform the patient community.
- To help drive & support scientific meetings for continued global collaboration.

### A Word from our Executive Director:

*Significant inroads in the diagnosis and management of many complex diseases, such as cancer, have been made using Big Data, which promises to have similar impact on ME/CFS. The Big Data set will be open and released to the scientific community to accelerate the rate of research on ME/CFS. Let's do this together as a patient, medical and research community.*

To a healthy future for all,

*Linda*

Linda Tannenbaum

Executive Director

**OpenMedicine Foundation**

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