



# The Role of Patient Advocacy in Clinical Trials

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**Marilyn G. Geller**

*Chief Executive*

Celiac Disease Foundation

# About the Celiac Disease Foundation

Since our founding in 1990, the Celiac Disease Foundation has played a key role in achieving federal recognition of celiac disease, improving diagnostic tools, and accelerating research for better treatments and a cure.

## Research

- iCureCeliac<sup>®</sup> Patient Registry
- Patient Recruitment Services
- iQualifyCeliac Patient Recruitment Platform
- Patient Recruitment Funds Research Prizes and Grants

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## Education

- Patients, families, healthcare providers, industry, and the public
- Partnerships for educational programs and provider training with Celiac Disease Centers, AGA, NASPGHAN, Academy of Nutrition and Dietetics, SSCD
- Industry Partnership in Patient Education & Advocacy Summit

# About the Celiac Disease Foundation

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## Advocacy

- Celiac Disease Caucus, NIH, FDA, CDC, HHS, CDMRP
- Patient Education & Advocacy Summit, State Advocacy Ambassador Training Program
- AO ECS (Association of European Coeliac Societies)

# iCureCeliac® Patient Registry

The screenshot shows the homepage of the iCureCeliac Patient Registry. At the top left is the Celiac Disease Foundation logo. The navigation bar includes links for 'ABOUT CELIAC DISEASE', 'GLUTEN-FREE LIVING', 'GET INVOLVED', and 'ABOUT THE FOUNDATION'. Below this is a secondary navigation bar with 'Home', 'About', 'For Researchers', 'Join a Study', and 'Insights & News'. The main content area features a large video player with a play button. To the left of the video, the text reads: 'iCureCeliac® Patient Registry Makes Finding A Cure Possible'. Below this, a paragraph states: 'Share your or your child's experience living with celiac disease to advance the development of better treatments, and one day, a cure for celiac disease. Join the more than 9,000 individuals and families participating in iCureCeliac, solving celiac disease together.' A 'Join the Patient Registry' button is positioned below the text. The video player shows a man and a woman in a kitchen setting, with the man pointing at a tablet and the woman looking on. In the foreground, there is a bowl of lemons and a tray with test tubes and lab equipment.

## Our research goals:


Increase diagnosis rate  
of celiac disease

Identify alternative  
treatments to the  
gluten-free diet

Identify long-term  
implications of celiac  
disease

Find a cure

# iCureCeliac® Patient Registry



## Consent Agreement

The iCureCeliac® informed consent statement can be found below. This is the information you are asked to agree to, while registering for iCureCeliac®.

It is necessary for you to provide informed consent before participating in any research.

The document below describes iCureCeliac® and what your role will be. Please read carefully to ensure you fully understand the initiative before joining.

If you are reading this form as the parent of a participant, "you" refers to your child.

Name of Research Study:	A Celiac Disease Patient-Powered Research Network, iCureCeliac®
Study #:	HS-18-00590
Sponsor:	Celiac Disease Foundation

I consent to take part and/or for my child to take part in this research study.

[Previous](#) [Submit Registration](#)

## Consent Agreement

1. My name is Marilyn Geller.
2. We are asking you to take part in a research study because we are trying to create a database to learn more about what people with celiac disease and other related diseases think and feel about having it.
3. If you decide to be in this study, your parent may ask, or you may read questions, that appear on the screen. You will tell your parent the answers and they will enter them for you. There are a lot of questions so you can take a break at any time and finish them later.
4. Sometimes things happen in research studies. Some of the bad things that could happen are: You may not feel comfortable answering some of the questions. It is okay to not answer questions that make you feel uncomfortable. Even though your answers are given to researchers without your name, it is possible your name may become known due to a security issue. We work very hard to make sure this does not happen. Some of these things might happen to you or they might not. Or things might happen that we don't know about yet.
5. People also have good things happen to them when they are in research studies. The good things may be that we will better understand celiac disease and other diseases.
6. Please talk this over with your parents before you decide whether or not to take part in this study. We will also ask your parents to give their permission for you to take part in this study. But even if your parents say "yes" you can still decide not to do this.
7. If you don't want to be in this study, you don't have to. You may stop being in this study any time. Remember, being in this study is up to you and no one will be upset if you don't want to take part in this study or even if you change your mind later and want to stop.
8. You can ask any questions that you have about the study. If you have a question later that you didn't think of now, you can have your parent call the Celiac Disease Foundation at 818.716.1513 x101 or email them at [icurecellac@celiac.org](mailto:icurecellac@celiac.org)

Checking the box on this screen and clicking Create Profile means that you have decided to be in this study and have given your permission.

[Cancel](#) [Create Profile](#)

# iCureCeliac® Patient Registry

## Welcome to iCureCeliac®.

Each survey should take no more than 5-10 minutes to complete. Fill out as much as you can and return whenever you would like. The next survey will unlock once you complete the one before it. We will periodically remind you to update your responses. Questions? Contact us at [icureceliac@celiac.org](mailto:icureceliac@celiac.org).

### MY SURVEYS

Survey Name	Status	Progress
<b>Demographics</b> Completed: Today, 12:37 PM EDT	<a href="#">Update</a>	100%
<b>Getting Diagnosed and Looking Ahead</b>	<a href="#">Start</a>	0%
<b>My Diet and Symptoms</b> Requires: Getting Diagnosed and Looking Ahead	<a href="#">Locked</a>	0%
<b>Living with My Gluten-Related Disorder</b> Requires: My Diet and Symptoms	<a href="#">Locked</a>	0%

## Demographics

Start  46% Finish

My diagnosed gluten-related disorder is (select all that apply):

- Celiac disease
- Refractory celiac disease type I
- Refractory celiac disease type II
- Refractory celiac disease (type uncertain)
- Non-celiac gluten sensitivity
- Gluten ataxia
- Dermatitis herpetiformis (DH)
- Wheat allergy/intolerance
- Other gluten-related disorder
- Self-diagnosed with a gluten-related disorder
- Not diagnosed with a gluten-related disorder

[Previous Question](#)

[Save and Continue](#)





# Patient Recruitment Services

## STUDY DESIGN CONSULTATION

Offering guidance on the design of research questions, approach, and strategy from early stages of development through study implementation, we help you define measures and outcomes that are clinically significant and meaningful to patients, address bottlenecks in the enrollment process, and create solutions for common barriers to study participation.

## PATIENT ADVISORY BOARD ENGAGEMENT

Solicit feedback and gather valuable insights from patients to improve your study feasibility, recruitment, and retention. We offer board strategy development, member selection, and meeting coordination and facilitation.

## STUDY SITE SELECTION

Leverage our database of geotargeted high-performing sites to create your research network and accelerate enrollment into your studies and trials.

## BRANDING & DESIGN

The right messaging is key to a successful patient recruitment campaign. We provide proven strategies that resonate with the celiac disease community, including in-house design of your study logo, a customized hosted microsite, and creative assets for your multiplatform marketing campaign.

## MULTIPLATFORM MARKETING CAMPAIGN

Utilizing our robust website reach at celiac.org, social media channels, and Eat! Gluten-Free app, we broadcast your study opportunity to those who care about it most. Targeted recruitment to iCureCeliac® and iQualifyCeliac participants who meet your subject profile further reduces your cost by identifying the right patients, accelerating enrollment, and improving trial retention and satisfaction.

## QUALIFIED LEAD SCREENING AND IN-HOUSE CALL CENTER

Branded with your marketing design, our proprietary iQualifyCeliac platform screens patients based upon your study parameters. This, combined with our in-house call center of skilled patient services representatives, produces the highest quality geotargeted-to-site referrals in days—not months.

## STUDY SITE ENGAGEMENT

We work in tandem with your study site coordinators to ensure a seamless enrollment process. Site coordinators receive virtual training and a secure login to our iQualifyCeliac platform to access pre-screened referrals assigned to their sites. All from their portal, site coordinators can log contact attempts, receive reminders to follow up, schedule first visits, and capture enrollment or randomization status. The sponsor portal allows you to view real-time recruitment statistics and monitor study site contact and enrollment progress.

## PATIENT COMPENSATION

Through our partnership with Greenphire, we offer Virtual ClinCard management integrated with our iQualifyCeliac platform for seamless patient compensation.

## PATIENT DATA CAPTURE

Empower patients to capture and submit data on their smart phone or tablet with our user-friendly secure and HIPAA-compliant cloud-based clinical platform. Capture eConsent, eCOA, ePRO, eDiary, symptom and wearable device data, customized to your study or trial.

## ICURECELIAC® PATIENT REGISTRY DATA LICENSE

Our online patient-powered research network, iCureCeliac®, allows patients to share their health data and insights to accelerate research investigating topics important to people with celiac disease. Anonymized data contributed under informed consent are available to assist you with your study or trial aims.

Survey questions span topics including treatment preferences, quality of life, biomarkers of celiac disease, and many others. Validated instruments include the Celiac Symptoms Index (CSI), Celiac Dietary Adherence Test (CDAT), Celiac Disease Quality of Life Measure (CD-QOL), SF-36, PROMIS Gastrointestinal, PROMIS 29 Profile, and PROMIS Pediatric 25 Profile.

# Multiplatform Marketing Campaign

There is NO gluten challenge. Maintain your usual gluten-free diet.

## PROACTIVE CELIAC STUDY

Accidental gluten exposure is inevitable. When it comes to your celiac disease symptoms and long-term health, be PROACTIVE.

- 18 - 70 years old
- On a gluten-free diet for at least the last 12 months
- Still experiencing celiac disease symptoms
- Biopsy-confirmed celiac disease

## Virtual Celiac Symptoms Study

Make an impact, wherever you are. Celiac research that works with your lifestyle—the virtual study.

[virtualstudy.celiac.org](http://virtualstudy.celiac.org)

**You or Your Child Must Be**

- 12 years or older\*
- Diagnosed with celiac disease for 1+ years
- On a gluten-free diet for past 6+ months
- Experiencing celiac disease symptoms
- Living in the U.S.

SPONSORED BY

\* Parental permission for adolescents 12-17 required.

SEE IF YOU QUALIFY

REQUIREMENTS ABOUT FAQ CONTACT

## PROACTIVE CELIAC STUDY

Accidental gluten exposure is inevitable.

When it comes to your celiac disease symptoms and long-term health, be PROACTIVE.

SEE IF YOU OR YOUR CHILD QUALIFIES

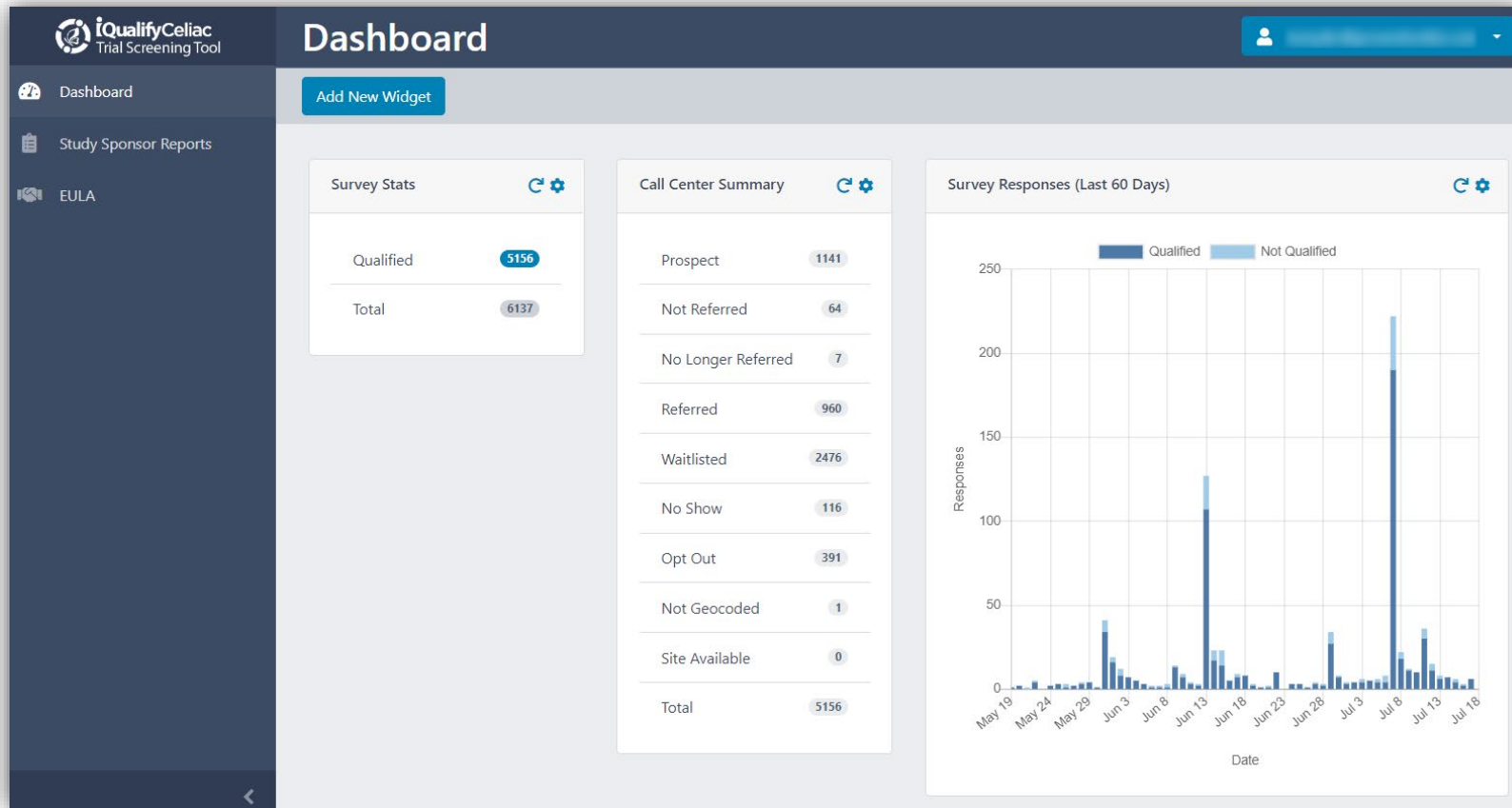
REQUIREMENTS ABOUT FAQ CONTACT

## Virtual Celiac Symptoms Study

Make an impact, wherever you are.

Celiac research that works with your lifestyle—the virtual study.

# iQualifyCeliac Study Screening



# iQualifyCeliac Study Screening

The screenshot displays the 'Prospect Screening' dashboard for the iQualifyCeliac Trial Screening Tool. The interface includes a dark sidebar with navigation options, a top header with the title and user profile, and a main content area with summary statistics and a data table.

**Navigation Menu (Left Sidebar):**

- Dashboard
- Client Organizations
- Patient Profiles
- Questionnaires
- Study Sites
- Prospect Call Center
- Contact Center Reports
- Site Coordinator Reports
- Response Query
- Referral Codes
- Administrative Tools
- EULA

**Header:** Prospect Screening | Prospect Call Center

**Summary Statistics:**

Prospect	Not Referred	No Longer Referred	Referred	Waitlisted	No Show	Opt Out	Not Geocoded	Site Available
1141	64	7	960	2476	116	391	1	0

**Table Controls:** Show 10 | Search | Status All | Study Site All | Country All | Search

**Table Columns:** Name, Email, Status, Study Site, Date Qualified, Last Contacted, Actions

Name	Email	Status	Study Site	Date Qualified	Last Contacted	Actions
[Redacted]	[Redacted]	Prospect		Today, 11:33 AM EDT		Create New Contact Log
[Redacted]	[Redacted]	Prospect		Today, 11:02 AM EDT		Create New Contact Log
[Redacted]	[Redacted]	Waitlisted		Yesterday, 9:41 PM EDT		Create New Contact Log
[Redacted]	[Redacted]	Referred	[Redacted]	Yesterday, 8:13 PM EDT	Today, 11:33 AM EDT	Create New Contact Log
[Redacted]	[Redacted]	Waitlisted		Yesterday, 7:44 PM EDT		Create New Contact Log
[Redacted]	[Redacted]	Waitlisted		Yesterday, 7:35 PM EDT		Create New Contact Log

# SSCD and CDF Collaborations: Consensus Workshop

## ROADMAP

 Check for updates

### Society for the Study of Celiac Disease position statement on gaps and opportunities in coeliac disease

*M. Ines Pinto-Sanchez<sup>1,2,9</sup>, Jocelyn A. Silvester<sup>3,4,5,9</sup>, Benjamin Lebwohl<sup>6</sup>,  
Daniel A. Leffler<sup>5,7</sup>, Robert P. Anderson<sup>8</sup>, Amelie Therrien<sup>5,5</sup>, Ciaran P. Kelly<sup>5,5</sup>  
and Elena F. Verdu<sup>1,2</sup>*

**Abstract** | Progress has been made in understanding coeliac disease, a relatively frequent and underappreciated immune-mediated condition that occurs in genetically predisposed individuals. However, several gaps remain in knowledge related to diagnosis and management. The gluten-free diet, currently the only available management, is not curative or universally effective (some adherent patients have ongoing duodenal injury). Unprecedented numbers of emerging therapies, including some with novel tolerogenic mechanisms, are currently being investigated in clinical trials. In March 2020, the Celiac Disease Foundation and the Society for the Study of Celiac Disease convened a consensus workshop to identify high-yield areas of research that should be prioritized. Workshop participants included leading experts in clinical practice, academia, government and pharmaceutical development, as well as representatives from patient support groups in North America. This Roadmap summarizes key advances in the field of coeliac disease and provides information on important discussions from the consensus approach to address gaps and opportunities related to the pathogenesis, diagnosis and management of coeliac disease. The morbidity of coeliac disease is often underestimated, which has led to an unmet need to improve the management of these patients. Expanded research funding is needed as coeliac disease is a potentially curable disease.

# NIH ADCC Meeting and Accelerating Progress Workshop

**Celiac Disease-Focused Autoimmune Disease Coordinating Committee (ADCC) Meeting Agenda**  
 Teleconference/Videconference  
 May 29, 2020

1:00 PM – 1:10 PM	<b>Welcome and Introductions</b> Ellen Goldmuntz, M.D., Ph.D. Annette Rothermel, Ph.D., Division of Allergy Immunology and Transplantation, NIAID
1:10 PM – 1:25 PM	<b>Updates from Federal Agencies, Private Organizations and Foundations</b>
1:25 PM – 1:40 PM	<b>Unmet Need in Celiac Disease - Patients' Views</b> Marilyn Geller, CEO, Celiac Disease Foundation
1:40 PM – 2:05 PM	<b>Basic Research, Unmet Needs and Opportunities</b> Bana Jabri, M.D., Ph.D., Professor of Pediatrics, The University of Chicago
2:05 PM – 2:30 PM	<b>Clinical-Translational Research: Gaps and Opportunities in Prevention and Diagnosis</b> Joseph A. Murray, M.D., Professor of Medicine, The Mayo Clinic
2:30 PM – 2:55 PM	<b>Non-dietary treatments for celiac disease: Why? Who? What?</b> Ciarán P. Kelly, M.D., Professor of Medicine, Harvard Medical School
2:55 PM - 3:00 PM	<b>Wrap up and Discussion of Future Meetings</b> Ellen Goldmuntz, M.D., Ph.D.

**Accelerating Progress in Celiac Disease Research Workshop**

**Agenda and Faculty List**



Day 1: Thursday, March 18, 2021		
<b>9:00 am – 10:00am – Speaker Check-in (Check Slides, Audio, Power points)</b>		
10:00 - 10:05 (all times in EST)	Welcome	Dr. Charles Hackett, Deputy Director, Division of Allergy, Immunology, and Transplantation, NIAID
	Meeting Announcements and Logistics	NIH Workshop Organizers
	<b>NIH Workshop Organizers</b> Dr. Annette Rothermel (NIAID) Dr. Terez Shea-Donohue (NIDDK) Dr. Patricia Greenwel (NIDDK)	<b>Workshop Co-Organizers:</b> Dr. Joseph Murray (Mayo Clinic Rochester) Dr. Alessio Fasano (MGH) Dr. Andrei Ivanov (Cleveland Clinic)
<b>Session I: Celiac Disease Overview</b> <b>Session Moderator:</b> Dr. Edwin Liu (Children's Hospital Colorado) <b>Q&amp;A Monitor –</b> Dr. Annette Rothermel (NIAID) <b>3-minute reminder from Timekeeper</b>		
10:05 -10:30 25 mins	Celiac Disease: The Spectrum of Disease and its Outcomes	Dr. Benjamin Lebwohl (Columbia, NYC)
10:30 - 10:45 15 mins	Patient Advocate	Ms. Marilyn Geller (Celiac Disease Foundation)
10:45 - 11:05 20 mins	How Does Celiac Disease Fit into the Spectrum of Autoimmune Diseases?	Dr. Mark Anderson (UCSF)
11:05 - 11:25 20 mins	The Genetics of Celiac Disease: From GWAS to Single Cell RNAseq to Celiac Disease-On Chip	Dr. Iris Jonkers (University of Groningen, NL)
11:25 - 11:50 25 mins	Discussion	

# NIH Notice of Special Interest in Celiac Disease and RCDC

## Apply for Research Funds To Accelerate Progress of Celiac Disease Research

Funding News Edition: **December 15, 2021**

[See more articles in this edition](#)

If you are a researcher who can advance our understanding of the etiology and pathogenesis of celiac disease research, apply for funds through the [Notice of Special Interest \(NOSI\): Accelerating Progress in Celiac Disease Research](#). NIAID participates in this NOSI alongside three other NIH institutes and centers (ICs): National Center for Complementary and Integrative Health (NCCIH), National Cancer Institute (NCI), and National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS).

### Research Objectives

Clinical manifestations of celiac disease are multifaceted, and its pathogenesis can involve a combination of predisposing genes, gluten, and environmental factors. While many aspects of the underlying mechanism are well understood, there remains an unmet need in understanding celiac disease pathogenesis, including a limited understanding of pathways of disease and tissue destruction, and the cause of tolerance loss to a component of food.

This NOSI encourages research applications that include the following NIAID-relevant research topics:

- Underlying mechanisms of loss of oral tolerance
- Autoimmune triggers in celiac disease
- Strategies that can eliminate and revert the pathogenic memory gluten-specific CD4 memory T cells
- Cellular circuits and mechanisms involved in tissue destruction
- The role of microbiota in the loss of oral tolerance and tissue destruction
- The discovery of immune modulating interventions and strategies to prevent celiac disease and/or restore tolerance
- Biomarkers that predict tissue destruction in celiac disease

Research/Disease Areas (Dollars in millions and rounded)	2014	2015	2016	2017	2018	2019	2020	2021	2022 Estimated	2023 Estimated	2019 US Mortality <sup>19</sup>	2019 US Prevalence SE <sup>19</sup>	
Caregiving Research	+	+	<u>\$74</u>	<u>\$87</u>	<u>\$121</u>	<u>\$151</u>	<u>\$217</u>	<u>\$244</u>	\$253	\$255	-	-	
Celiac Disease	+	+	+	+	+	+	+	<u>\$9</u>	\$9	\$9	-	-	
Cerebral Palsy			<u>\$21</u>	<u>\$20</u>	<u>\$26</u>	<u>\$26</u>	<u>\$26</u>	<u>\$28</u>	<u>\$35</u>	<u>\$30</u>	\$32	\$34	3,822
Cerebrovascular	+	+	<u>\$520</u>	<u>\$610</u>	<u>\$718</u>	<u>\$759</u>	<u>\$888</u>	<u>\$999</u>	\$1,034	\$1,019	256,352	-	
Cervical Cancer			<u>\$116</u>	<u>\$99</u>	<u>\$99</u>	<u>\$114</u>	<u>\$112</u>	<u>\$106</u>	<u>\$113</u>	<u>\$120</u>	\$126	\$124	4,687
Charcot-Marie-Tooth Disease			<u>\$14</u>	<u>\$14</u>	<u>\$11</u>	<u>\$10</u>	<u>\$12</u>	<u>\$13</u>	<u>\$15</u>	<u>\$17</u>	\$18	\$17	-
Child Abuse and Neglect Research			<u>\$30</u>	<u>\$27</u>	<u>\$29</u>	<u>\$29</u>	<u>\$41</u>	<u>\$43</u>	<u>\$50</u>	<u>\$40</u>	\$43	\$41	-

# FDA CDER and Patient Advocacy in Drug Development

## FOOD AND DRUG ADMINISTRATION (FDA) Center for Drug Evaluation and Research (CDER)

### *Gastroenterology Regulatory Endpoints and the Advancement of Therapeutics VI (GREAT VI) Workshop on Celiac Disease*

Virtual meeting  
July 22, 2021

#### AGENDA

*The goal of today's workshop is to discuss the overall approach to drug development in celiac disease that includes an assessment of both clinical symptoms and histology. The workshop will focus the discussion on the histologic endpoints to assess treatment benefit in patients with celiac disease; regulatory framework for pediatric drug development in celiac disease; and the role of gluten challenge in clinical trials to provide a forum for open discussion between stakeholders to facilitate drug development.*

10:05 a.m. Panel discussion and Q & A\* (40 min)

*Panelists: Prista Charuworn, Stephen Lagana, Irena Lavine, Benjamin Lebwohl, Edwin Liu, Marie Robert, Jocelyn Silvester, **Kelsey Smith***

11:50 a.m. Panel discussion and Q & A\* (40 min)

*Panelists: Prista Charuworn, Alessio Fasano, Tyler Friedman, **Kathy and Beckett Hardin**, Mona Khurana, Maureen Leonard, Suna Seo, Christopher St. Clair, Marisa Stahl*

Home The Training Program Contact Congress Forum Resources

## Become a State Advocate

Despite the millions who suffer, celiac disease has largely been ignored by our federal government which, until recently, has provided little to no funding for research nor for public awareness of its serious consequences. Through strategic investments in research, education, and advocacy, the Celiac Disease Foundation seeks to accelerate treatments and a cure. Become a Celiac Disease Foundation State Advocacy Ambassador today and drive policy change to improve the health of those living with celiac disease.

[Become an Advocate](#) [Login](#)

### Join iAdvocate

- Complete the State Advocacy Ambassador training program
- Learn about our Public Policy Priorities
- Support our Current Asks of Congress
- Collaborate in the iAdvocate Forum



# FDA Draft Guidance Public Submissions



June 8, 2022

The Society for the Study of Celiac Disease (SSCD) is an organization of medical, scientific and allied health professionals, formed to advance research in celiac disease and gluten-related disorders and to improve clinical care, including diagnosis and treatment. The SSCD thanks the FDA for providing expectations for the development of therapies for adjunctive treatment to a gluten-free diet.

We support the development of such guidance as facilitating the therapies for celiac disease, for which the unmet need is substantial symptoms and/or enteropathy, the inevitability of gluten exposure, and the nature of the gluten-free diet are key issues that the scientific and medical community will continue to emphasize.

We recognize the difference between guidance for drug development for a patient population for the drug after its testing and approval; and enteropathy together with symptoms represent a relatively small celiac disease who are looking for, and would benefit from, non-dietary therapies.

Here, we summarize some specific concerns related to the draft guidance:

- While the term “gluten-free diet” is commonly invoked as a goal, it is important to note that removal of all gluten is not the goal of clinical care in celiac disease.<sup>4</sup> Rather, the goal of clinical care is disease control with minimizing the burden and quality of life. <sup>2</sup> The largest clinical unmet need for treatments in celiac disease is in patients who are truly not exposed to gluten control in spite of ongoing efforts at gluten avoidance.
- The requirement for improvement or resolution of histologic findings may preclude the development of therapies that are effective in the face of stable enteropathy. Villus architecture heal slowly, and in some cases may persist for years, even with gluten avoidance. This is particularly a concern in older age groups where some flexibility in expectation of the magnitude of expected histologic changes such as patient’s age and duration of disease. As presented to the FDA,<sup>3</sup> markers of immunologic response, such as tTG, may be an alternative measure of biologic disease modification that is more responsive than histology.<sup>4</sup>

- The draft guidance recommends using a clinically accepted histologic scale such as the Marsh-Oberhuber classification (lines 94-98). This scale is occasionally used in clinical practice for the diagnosis of celiac disease (with “villus atrophy” or “villus blunting” without a classification more commonly used), but has less reproducibility than the villus height/crypt depth ratio (VH:CD), a tool that is increasingly used by investigators due to its responsiveness to change, fine scaling, and utility as a continuous variable.<sup>5</sup> Further, the Marsh-Oberhuber classification collapses two parameters, intraepithelial lymphocyte count and villus architecture, whose responsiveness are not highly correlated and have both different biologic mechanisms and clinical importance.
- The draft guidance includes the recommendation for dietician involvement during the treatment period of a candidate drug. Assessment by an expert dietician is not standardized, nor is availability widespread. A more broadly defined dietary counseling session (as opposed to involvement of a registered dietician with specialized expertise in the gluten-free diet) directed at gluten avoidance may be more practical. We believe that intensive dietician involvement throughout a trial may raise the likelihood of type 2 error in trials, but involvement to a more modest extent is appropriate.
- There is a substantial unmet need for children and adolescents with celiac disease, groups for whom unique considerations for diagnosis and monitoring are at play. This was a prominent component of the Gastroenterology Regulatory Endpoints and the Advancement of Therapeutics conference hosted by the FDA in July, 2021; we hope and expect that this draft guidance will be adapted for pediatric and adolescent populations.<sup>3</sup>

We look forward to partnering with the FDA as the development of non-dietary therapies for celiac disease proceeds.

SSCD Executive Council  
Benjamin Lebwohl, MD, MS, President  
Ritu Verma, MD, President-Elect  
Ciaran Kelly, MD, Past President  
Daniel Leffler, MD, MS, Secretary  
Vanessa Weisbrod, Treasurer  
Anne Roland Lee, EdD, RDN, LD, Councilor  
Maureen Leonard, MD, MMSc, Councilor  
Amelie Therrien, MD, MSc, Councilor

SSCD Writing Committee  
Daniel Adelman, MD  
Marilyn Geller  
Joseph Murray, MD



celiac.org

June 8, 2022

Dockets Management Staff (HFA-305)  
Food and Drug Administration  
5630 Fishers Lane  
Room 1061  
Rockville, MD 20852

Submitted via [www.regulations.gov](http://www.regulations.gov)

Re: Docket Number FDA-2021-D-1238 for “Celiac Disease: Developing Drugs for Adjunctive Treatment to a Gluten-Free Diet”

Dear Sir or Madam:

The Celiac Disease Foundation (CDF) is the nation’s leading nonprofit organization dedicated to improving the lives of the more than three million Americans affected by this chronic, immune-mediated disease by accelerating the development of treatments, and ultimately a cure for celiac disease.

CDF was pleased to see the Food and Drug Administration’s (FDA) draft Guidance to Industry, titled “Celiac Disease: Developing Drugs for Adjunctive Treatment to a Gluten-Free Diet.” CDF thanks FDA for hearing our concerns, recognizing that the only current “treatment” for celiac disease, which is, for the vast majority not achievable, is a gluten-free diet. With and despite patients’ best efforts to adhere to a gluten-free diet, ongoing symptoms. The publication of the draft guidance will alleviate the suffering of celiac patients and their sponsors as they strive to develop safe and effective treatments.

CDF is proud to have supported the FDA Guidance to Industry, which appreciates that FDA gave a forum for patient input and feedback for treatments targeting the serious need to mitigate the risk of cross-contamination in food, where the impact on patients’ ability to attend work or school is significant. FDA also allowed the patients and the industry to share the hardship brought on by the hypervigilance required to avoid gluten and the guilt and fear experienced by patients, whose medically required diet creates for all with celiac disease.

We thank FDA for hearing the patients’ concerns and desires, and it is our hope that this Guidance will provide clarity in the development of treatments that benefit patients with celiac disease.

CDF appreciates that in order to develop safe and effective treatments, rigorous enrollment criteria are needed in order to assure clear and unequivocal evidence of the safety and efficacy of future treatments. We further understand that to generate clear and interpretable data from properly conducted and well controlled clinical trials, any potential therapeutic must be tested in a population that has objectively measurable disease. CDF is committed to educating its constituency on the importance of participating in clinical trials and will work with industry sponsors to enroll studies of therapies being conducted under an Investigational New Drug Application. We hope that the enrollment criteria outlined in the draft Guidance will not restrict either access or enrollment in these studies.

Lastly, CDF understands that in a perfect world where gluten avoidance is easily achievable a therapeutic treatment would not be necessary, but in the real world, very few can truly achieve the necessary level of gluten avoidance to heal an injured gut or alleviate associated symptoms. Therefore, development of therapeutically beneficial treatments is imperative, and we urge FDA to monitor the progress of sponsored studies to enroll sufficient numbers of participants to achieve the objectives of the Guidance and if needed, adjust those enrollment criteria that appear to impede the timely development of novel treatments for patients with celiac disease.

Sincerely,

Marilyn G. Geller  
Chief Executive Officer  
Celiac Disease Foundation



Thank you to the SSCD  
For more information visit [celiac.org/iqualifyceliac](https://celiac.org/iqualifyceliac)

**Marilyn G. Geller**  
*Chief Executive*  
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