



COLUMBIA UNIVERSITY
IRVING MEDICAL CENTER

PROGRAM

Celiac disease
now and the future...

An international symposium March 6-7, 2020

hosted by

the Celiac Disease Center
at Columbia University

Faculty House at Columbia University
64 Morningside Drive, New York, NY 10027

celiacdisease™
center at columbia university irving medical center

WELCOME

Welcome to **Celiac disease, now and the future**, an international symposium hosted by the Celiac Disease Center at Columbia University at the Faculty House at Columbia University, New York City.

Celiac disease is very common, affecting about 1% of the population. Current therapy is dietary; however, there is increasing interest in non-dietary alternatives. This conference presents a unique opportunity to bring together those interested in the development of non-dietary therapies for celiac disease.

Hotel Information

New York Hilton Midtown
1335 6th Avenue
New York, NY 10019

Please communicate directly with Gail Weiss at gweiss@contemporarytv1.mygbiz.com to facilitate your hotel room in the Center's room block.

Shuttle Service

Shuttle service to the Faculty House at Columbia University and New York Hilton Midtown will be available at the following times:

Date	Pick Up Location	Departure Time
Friday, March 6	Side entrance of New York Hilton Midtown on 54th Street	7:30 am
Friday, March 6	Faculty House at Columbia University 64 Morningside Drive (between 116th & 118th Streets) New York, NY 10027	8:30 pm
Saturday, March 7	Side entrance of New York Hilton Midtown on 54th Street	7:00 am & 7:15 am
Saturday, March 7	Faculty House at Columbia University 64 Morningside Drive (between 116th & 118th Streets) New York, NY 10027	5:30 pm

Sponsors:



For further information, please contact
Cynthia Beckman at cb2280@cumc.columbia.edu
www.celiacdiseasecenter.columbia.edu

SPEAKERS

Columbia Faculty

Armin Alaedini, PhD	Suneeta Krishnareddy, MD
Govind Bhagat, MD	Stephen Lagana, MD
Edward Ciaccio, PhD	Benjamin Lebwohl, MD, MS
Amy DeFelice, MD	Anne Lee, EdD, RDN, LD
Sankar Ghosh, PhD	Suzanne Lewis, MD
Peter Green, MD	

Guest Faculty

Dawn Adams, MD	Vanderbilt University Medical Center, USA
Daniel Agardh, MD	Lund University, Sweden
Robert Anderson, MD, PhD	Coral Sea Medical Research Institute, Australia
Renata Auricchio, MD	University of Naples Federico II, Italy
Nazli Azimi, PhD	Bioniz Therapeutics, USA
Julio Bai, MD	Hospital de Gastroenterologia, Dr. Carlos Bonorino Udaondo, Argentina
Moshe Ben-David	UKKO, USA
Angel Cebollam, PhD	Biomedal, Spain
Christophe Cellier, MD	Hospital Europeen Georges Pompidou, France
George Chookazian	Foods by George, USA
Peter Gibson, MD	Monash University, Australia
Richard Goodman, PhD, FAAAAI	University of Nebraska, USA
Lucinda A. Harris, MD, MS	Mayo Clinic, USA
Steffen Husby, MD	Odense University Hospital, Denmark
Maria Ines Pinto Sanchez, MD	McMaster University, Canada
Bana Jabri, MD	University of Chicago, USA
Jacqueline Jossen, MD	Mount Sinai, USA
Ian Kaplan, PhD	Adaptive Biotechnologies
Katri Kaukinen, MD	Tampere University, Finland
Ciaran Kelly, MD	Harvard University, USA
Sonia Kupfer, MD	University of Chicago, USA
Irena Lavine, MD	FDA, USA
Daniel Leffler, MD	Takeda, USA
Francisco Leon, MD, PhD	Provention Bio, Inc.
Maureen Leonard, MD	Massachusetts General Hospital, USA
Edwin Liu, MD	Children's Hospital Colorado, USA
Knut E. A. Lundin, MD, PhD	University of Oslo, Norway
Stephanie M. Moleski, MD	Jefferson University Hospital, USA
Chris J.J. Mulder, MD, PhD	VU University Medical Center, The Netherlands
Joseph Murray, MD	Mayo Clinic, USA
Jacqueline Pante	Dr. Schar, Italy
Wendy Perrow, MBA	Innovate Biopharmaceuticals, USA
Alberto Rubio-Tapia, MD	Cleveland Clinic, USA
Michael Schumann, MD	Charite University, Germany
Detlef Schuppan, MD, PhD	Mainz University Medical Center, Germany
Kristin Gisbert Schuppan	Germany
Carol Semrad, MD	University of Chicago, USA
Jocelyn Silvester, MD	Boston Children's Hospital, USA
Ludvig Sollid, MD, PhD	Oslo University Hospital, Norway
Jack Syage, PhD	ImmunogenX, USA
Juli A. Tomaino, MD	FDA, USA
Elena Verdu, MD, PhD	McMaster University, Canada
Ritu Verma, MD	University of Chicago, USA
Jennifer Sealey Voysner, PhD	ImmunogenX, USA
Paul Wehling	General Mills, USA
Dascha Weir, MD	Boston Children's Hospital, USA
Vanessa Weisbrod	Children's National Hospital, Washington DC
Randi L. Wolf, PhD, MPH	Teacher's College, Columbia University, USA
Jonas Zeitz, MD	Center of Gastroenterology, Hirslanden Clinic, Switzerland

Friday, March 6

7:00 am – 6:00 pm	Registration (Ground Level - 1st Floor)
7:00 am – 9:00 am	Continental Breakfast (Ground Level - 1st Floor)
8:35 am	Welcoming & Opening Remarks Peter HR Green, MD - USA
8:40 am – 9:00 am	Keynote Address: The rise of gluten related disorders, is it continuing? Joseph Murray, MD -- USA
9:00 am – 9:10 am	Panel discussion, Q&A
■ Clinical presentation and diagnosis of celiac disease Dawn A. Adams, MD, MS - USA (Moderator)	
9:10 am – 9:30 am	The new pediatric guidelines for celiac disease diagnosis (ESPGHAN 2019) Steffen Husby, MD -- Denmark
9:30 am – 9:50 am	Why we still need to biopsy children for celiac disease diagnosis and follow-up Maureen Leonard, MD -- USA
9:50am – 10:10 am	Non-biopsy approach to adults, the Finish experience Katri Kaukinen, MD -- Finland
10:10 am – 10:30 am	Why we need to biopsy adults Knut Lundin, MD -- Norway
10:30 am – 10:40 am	Panel discussion, Q&A
10:40 am – 11:00 am	Break: Coffee & Posters
■ Epidemiology Carol Semrad, MD - USA (Moderator)	
11:00 am – 11:20 am	TEDDY: what have we learned? Daniel Agardh, MD -- Sweden
11:20 am – 11:40 am	DAISY: what have we learned? Edwin Liu, MD -- USA
11:40 am – 12:00 pm	How early can we predict celiac disease: genetics? Sonia Kupfer, MD -- USA
12:00 pm – 12:20 pm	How early can we predict celiac disease: phospholipid profile? Renata Auricchio, MD -- Italy
12:20 pm – 12:40 pm	Transition of care to adulthood Dascha Weir, MD -- USA
12:40 pm – 12:50 pm	Discussion and Q&A
12:50 pm – 2:00 pm	Lunch
■ Care after diagnosis Ritu Verma, MD - USA (Moderator)	
2:00 pm – 2:20 pm	Commercial oat products: how are they doing? Paul Wehling, USA
2:20 pm – 2:40 pm	Do adults follow up after diagnosis? Alberto Rubio-Tapia, MD -- USA

2:40 pm – 3:00 pm	The role of video capsule in the follow-up of celiac disease Suzanne K. Lewis, MD -- USA
3:00 pm – 3:20 pm	What can we learn from a gluten challenge? Dan Leffler, MD -- USA
3:20 pm – 3:35 pm	Panel discussion, Q&A
■ The gluten-free diet Julio Bai, MD - Argentina (Moderator)	
3:35 pm – 3:55 pm	How strict is a strict gluten-free diet? Jocelyn Silvester, MD -- USA
3:55 pm – 4:15pm	The role of the detection of gluten immunogenic peptides in diet adherence Ángel Cebolla, PhD, Biomedal -- Spain
4:15 pm – 4:35 pm	What is the price to pay for strict dietary adherence? Randi Wolf, PhD, MPH -- USA
4:35 pm – 4:55 pm	The low FODMAP diet: is there a downside? Peter Gibson, MD -- Australia
4:55 pm – 5:10 pm	Panel discussion, Q&A
■ Mucosal healing Stephanie Moleski, MD - USA (Moderator)	
5:10 pm – 5:30 pm	Is there an increase in mortality in celiac disease? Role of mucosal healing. Benjamin Lebwohl, MD, MS -- USA
5:30 pm – 5:50 pm	Are we worried too much about cross contact? Vanessa Weisbrod -- USA
5:50 pm – 6:10 pm	Panel discussion, Q&A
6:15 pm – 8:15 pm	Reception (Skyline, 4th Floor)

Saturday, March 7

7:00 am – 1:00 pm	Registration (Ground Level -- 1st Floor)
7:00 am – 9:00 am	Continental Breakfast (Ground Level - 1st Floor)
■ Microbiome in celiac disease Maria Ines Pinto Sanchez, MD - Canada (Moderator)	
8:00 am – 8:20 am	Where are we with respect to the microbiome in celiac disease? Suneeta Krishnareddy, MD - USA
8:20 am – 8:40 am	Can we use bacteria to treat celiac disease? Elena Verdu, MD - Canada
8.40 am – 8.50 am	Panel discussion, Q&A
■ Immunopathology Govind Bhagat, MD - USA (Moderator)	
8:50 am – 9:10 am	Animal models for celiac disease. Are we there yet? Bana Jabri, MD -- USA
9:10 am – 9:30 am	T - B or not T - B? Which cells are to blame in celiac disease? Ludvig Sollid, MD, PhD -- Norway

9:30 am – 9:40 am	Role of NF- B in T cells Sankar Ghosh, PhD -- USA
9.40 am – 10.00 am	How does gluten enter the mucosa? Michael Schumann, MD -- Germany
10.00 am – 10:20 am	TCR sequencing in celiac disease Ian Kaplan, PhD, Adaptive Biotechnologies Corp. -- USA
10:20 am – 10:40 am	Panel discussion, Q&A
10:40 am – 10:55 am	Break: Coffee & Posters
■ Therapies. It lies in the wheat Armin Alaedini, PhD - USA (Moderator)	
10:55 am – 11:20 am	Has wheat in the USA changed? Robert Goodman, PhD, USA
11:20 am – 11:40 pm	Can we change wheat? Should we? Moshe Ben-David, UKKO, USA
11.40 am – 12.00 pm	Gluten detection in food Jennifer Sealey-Voyksner,PhD, ImmunogenX -- USA
■ Treatment of celiac disease Peter HR Green, MD - USA (Moderator)	
12:00 pm – 12:20 pm	How do I manage refractory celiac disease? Christophe Cellier, MD - France
12.20 pm – 12.40 pm	Vaccine development: lessons learned? Robert Anderson, MD -- Australia
12.40 pm – 1.00 pm	Panel discussion, Q&A
1:00 pm – 2:15 pm	Lunch
■ Non-dietary therapies Benjamin Lebwohl, MD, MS - USA (Moderator)	
2:15 pm – 2:45 pm	Enzymes are still in the picture: the case for Latiglutenase Jack Sayage, PhD, ImmunogenX -- USA
2:45 pm – 3:05 pm	Dual cytokine blocking, an improved approach? Nazli Azimi, PhD, Bioniz -- USA
3:05 pm – 3:25 pm	Blocking IL15: where do we go from here? Francisco Leon, MD, PhD, Provention Bio, Inc. -- USA
3:25 pm – 3:40 pm	Panel discussion, Q&A
■ Non-dietary therapies (more) Lucinda A. Harris, MD, MS - USA (Moderator)	
3:40 pm – 4:00 pm	Blocking tissue transglutaminase Detlef Schuppan, MD, PhD -- Germany
4:00 pm – 4:20 pm	Nanoparticle therapy to induce tolerance to gluten Ciaran Kelly, MD -- USA
4:20 pm – 4:40 pm	What do patients want? Panel, Adults and Children
4:40 pm – 5:00 pm	Best practices in running a multicenter celiac therapeutic study Wendy Perrow, MBA, Innovate Pharmaceuticals -- USA
5:00 pm – 5:20 pm	What does the FDA require? Juli Tomaino, MD, FDA -- USA and Irena Lavine, MD, FDA - USA
5:20 pm – 5:30 pm	Panel discussion, Q&A
5:30 pm	Wrap-up

Friday, March 6

7:00 am - 6:00 pm	Registration (Ground Level - 1st Floor)
7:00 am - 9:00 am	Continental Breakfast (Ground Level - 1st Floor)
8:35 am	Welcoming & Opening Remarks Benjamin Lebwohl, MD, MS - USA
8:40 am - 9:00 am	Keynote Address: Stick with the science Benjamin Lebwohl, MD, MS -- USA
9:00 am - 9:10 am	Panel discussion, Q&A
■ Diagnosis of celiac disease Benjamin Lebwohl, MD, MS - USA (Moderator)	
9:10 am - 9:30 am	Diagnosis of celiac disease Sonia Kupfer, MD -- USA
9:30 am - 9:50 am	Pathology of celiac disease, what else could it be? Stephen Lagana, MD -- USA
9:50am - 10:10 am	Can we predict celiac disease early in life? Renata Auricchio, MD -- Italy
10:10 am - 10:30 am	The rise of gluten related disorders, is it continuing? Joseph Murray, MD -- USA
10:30 am - 10:40 am	Panel discussion, Q&A
10:40 am - 11:00 am	Coffee Break
■ Diagnosis, role of biopsy Jaqueline Josson, MD - USA (Moderator)	
11:00 am - 11:20 am	The new pediatric guidelines for celiac disease diagnosis (ESPGHAN 2019) Steffen Husby, MD -- Denmark
11:20 am - 11:40 am	Why we still need to biopsy children for diagnosis and follow-up Maureen Leonard, MD -- USA
11:40 am - 12:00 pm	Non-biopsy approach to adults: the Finish experience Katri Kaukinen, MD -- Finland
12:00 pm - 12:20 pm	Why we need to biopsy adults Knut Lundin, MD -- Norway
12:20 pm - 12:40 pm	Celiac disease and bones Julio Bai, MD -- Argentina
12:40 pm - 12:50 pm	Panel discussion, Q&A
12:50 pm - 2:00 pm	Lunch
■ Celiac disease around the world Robert Anderson, MD - Australia (Moderator)	
2:00 pm - 2:20 pm	Celiac disease in Australia Peter Gibson, MD -- Australia
2:20 pm - 2:40 pm	Celiac Disease in Canada Maria Ines Pinto Sanchez, MD - Canada

2:40 pm - 3:00 pm	Celiac disease in Switzerland Jonas Zeitz, MD -- Switzerland
3:00 pm - 3:20 pm	Celiac disease in Scandinavia Daniel Agardh, MD -- Sweden
3:20 pm - 3:35 pm	Panel discussion, Q&A
■ Celiac disease, bugs and capsules Suneeta Krishnareddy, MD - USA (Moderator)	
3:35 pm - 4:05 pm	The good and the bad, what is the microbiome? Suneeta Krishnareddy, MD - USA
4:05 pm - 4:35pm	Videocapsule endoscopy Suzanne K Lewis, MD -- USA
4:35 pm - 5:00 pm	Are we optimizing the videocapsule? Edward Ciaccio, PhD -- USA
5:00 pm - 5:10 pm	Coffee Break
■ Mucosal healing Stephanie Moleski, MD - USA (Moderator)	
5:10 pm - 5:35 pm	Is there increased mortality in celiac disease? Role of mucosal healing. Benjamin Lebwohl, MD, MS -- USA
5:35 pm - 6:05 pm	Are we worried too much about cross contact? Vanessa Weisbrod -- USA
6:05 pm - 6:20 pm	Panel discussion, Q&A
6:20 pm - 8:15 pm	Reception (Skyline, 4th Floor)

Saturday, March 7

7:00 am - 1:00 pm	Registration (1st Floor)
7:00 am - 9:00 am	Continental Breakfast (Ground Level - 1st Floor)
■ The value of studying large populations Benjamin Lebwohl MD, MS (Moderator)	
8:00 am - 8:20 am	TEDDY: what have we learned? Daniel Agardh, MD -- Sweden
8:20 am - 8:40 am	DAISY: what have we learned? Edwin Lui, MD -USA
8.40 am - 8.50 am	Panel discussion, Q&A
■ Gluten, it's characteristics and detection Armin Alaedini, PhD - USA (Moderator)	
8:50 am - 9:10 am	What is gluten? Has wheat changed over time? Robert Goodman, PhD, USA
9:10 am - 9:30 am	How do we detect gluten in food in the lab? Jennifer Sealey-Voyksner, PhD, ImmunogenX -- USA
9:30 am - 9:50 am	Should patients use gluten detectors? Benjamin Lebwohl, MD, MS -- USA
9.50 am - 10.10 am	The role of the detection of gluten immunogenic peptides in diet adherence Ángel Cebolla, PhD -- Spain

10.10 am - 10:30 am	Is it possible to maintain a strict gluten-free diet (and does it matter)? Jocelyn Silvester, MD - USA
10:30 am - 10:40 am	Panel discussion, Q&A
10:40 am - 10:55 am	Coffee Break
■ Gluten-free diet and clinical follow-up Anne R. Lee, EdD, RDN, LD - USA (Moderator)	
10:55 am - 11:20 am	The gluten-free diet and quality of life Anne R. Lee, EdD, RDN, LD - USA
11:20 am - 11:40 pm	What is the price to pay for strict dietary adherence? Randi Wolf, PhD, MPH -- USA
11:40 am - 12:00 pm	Are the psychological stresses facing celiac disease patients unique to celiac disease? Kristin Gisbert-Schuppan, Germany
12:00 pm - 12:20 pm	How to deliver top quality gluten-free food? George Chookazian (Foods by George) and Jaqueline Pante Dr. Schar)
12:20 pm - 12:40 pm	What follow-up should celiac disease patients receive? Ritu Verma, MD -- USA and Suzanne K. Lewis, MD -- USA
12:40 pm - 1:00 pm	Panel discussion, Q&A
1:00 pm - 2:15 pm	Lunch
■ Newer therapies? Peter HR Green, MD - USA (Moderator)	
2:15 pm - 2:45 pm	Rationale for non-dietary therapies Peter HR Green, MD -- USA
2:45 pm - 3:05 pm	Celiac disease centers, what is their role? Peter HR Green, MD -- USA and Chris Mulder, MD -- Holland
3:05 pm - 3:25 pm	Benefits of a combined adult and pediatric celiac disease center Amy DeFelice, MD -- USA
3:25 pm - 3:40 pm	Q&A, discussion
■ Non-dietary therapies (more) Lucinda A. Harris, MD, MS - USA (Moderator)	
3:40 pm - 4:00 pm	Blocking tissue transglutaminase (ZED 1227) Detlef Schuppan, MD, PhD -- Germany
4:00 pm - 4:20 pm	Nanoparticle therapy to induce tolerance to gluten Ciaran Kelly, MD -- USA
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5:30 pm	Wrap-up