Celiac disease, now and the future

An international symposium

hosted by
the Celiac Disease Center at Columbia University

March 2-3, 2018
Faculty House at Columbia University
64 Morningside Drive
(between 116th and 118th Streets)
New York, NY 10027

Welcome to the ‘Celiac disease, now and the future’ 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 the disease.

Shuttle service to the Faculty House at Columbia University and Ink48 Hotel will be available at the following times:

<table>
<thead>
<tr>
<th>Date</th>
<th>Pick Up Location</th>
<th>Departure Time</th>
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<tbody>
<tr>
<td>Friday, March 2</td>
<td>Main entrance of Ink48 Hotel, 653 11th Avenue (at 48th Street)</td>
<td>7:15 am &amp; 7:45 am</td>
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<tr>
<td>Friday, March 2</td>
<td>Faculty House at Columbia University, 64 Morningside Drive (between 116th &amp; 118th Streets)</td>
<td>8:30 pm</td>
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<tr>
<td>Saturday, March 3</td>
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For further information, please contact
Cynthia Beckman at cb2280@cumc.columbia.edu
www.celiacdiseasecenter.org
**Friday, March 2, 2018**

7:30 am – 6:00 pm  | Registration (Ground Level - 1st Floor)
7:30 am – 9:00 am  | Continental Breakfast (Ground Level - 1st Floor)
8:35 am
8:45 am – 9:10 am  | Keynote Address: Celiac disease and the microbiome - past, present and the future
9:10 am – 9:20 am  | Discussion and Q&A
10:00 am – 10:20 am | Worldwide prevalence of celiac disease
10:20 am – 10:35 am | Discussion and Q&A
10:35 am – 10:50 am | Exhibit & Poster Break

**Epidemiology of celiac disease and gluten sensitivity**

(Moderator) TBD

9:20 am – 9:40 am  | How significant are the risk factors for developing celiac disease?
9:40 am – 10:00 am | Prevalence of gluten-related disorders in the United States
10:00 am – 10:20 am | Worldwide prevalence of celiac disease
10:20 am – 10:35 am | Discussion and Q&A
10:35 am – 10:50 am | Exhibit & Poster Break

**Quality of Life**

(Moderator) TBD

10:50 am – 11:30 am | Quality of life, it’s all in the diet
11:10 am – 11:30 am | How to assess adherence to the GF diet
11:30 am – 11:50 am | How bad is strict gluten free diet, really?
11:50 am – 12:10 am | Effect of gender on quality of life
12:10 pm – 12:30 pm | What happens to kids? Transition into adulthood
12:30 pm – 12:45 pm | Lunch
12:45 pm – 2:00 pm | Discussion and Q&A

**How gluten-free is GF food**

Maria Ines Pinto Sanchez, MD (Moderator)

2:00 pm – 2:20 pm  | Which ELISA test is the best?
2:20 pm – 3:40 pm  | Skip the ELISA: liquid chromatography-mass spectrometry
2:40 pm – 3:00 pm  | Are commercial oats safe
General Mills

3:00 pm – 3:20 pm  | Clinical evidence for the safety of oats
Kaille Kurppa, MD -- Finland

3:20 pm – 3:35 pm  | Discussion and Q&A

**What can be done at home?**

(Moderator) TBD

3:35 pm – 3:55 pm  | Development and validation of a portable gluten detection device
Shireen Yates, MBA -- USA

3:55 pm – 4:15 pm  | What is the role of home detection of gluten immunogenic peptides
Julio Bai, MD -- Argentina

4:15 pm – 4:35 pm  | Point of service antibody testing

4:35 pm – 4:55 pm  | Discussion and Q&A
4:55 pm – 5:10 pm  | Exhibit & Poster Break
5:10 pm – 6:10 pm | Beer and Pretzels or just afternoon tea?
Panel: Markku Maki, MD; Fritz Konig, MD; Carolina Ciacci, MD; Jennifer Sealey-Voyksner, PhD

6:15 pm
6:30 pm – 8:30 pm | Reception (Skyline, 4th Floor)

**Saturday, March 3, 2018**

7:00 am – 1:00 pm | Registration (1st Floor)
7:00 am – 9:00 am | Continental Breakfast (Ground Level - 1st Floor)

**Development of registries for celiac disease**

Ben Lebwohl, MD -- USA (Moderator)

8:00 am – 8:20 am | Experience with IBD

8:20 am – 8:40 am | Benefit of Registries for Celiac disease
Ben Lebwohl, MD -- USA

8:40 am – 9:00 am | Potential of celiac disease registries for research
Dan Leffler, MD -- USA

9:00 am – 9:15 am | Discussion and Q&A

**Immunopathology**

Govind Bhagat, MD (Moderator)

9:15 am – 9:40 am | T cells and cytokines
Bana Jabri, MD -- USA

9:40 am – 10:05 am | B cells
Ludvig Sollid, MD -- Norway

10:05 am – 10:30 am | Innate lymphoid cells
Govind Bhagat, MD -- USA

10:30 am – 10:55 am | T cell specificity in celiac disease
Arnold Han, MD -- USA

10:55 am – 11:20 am | Discussion and Q&A
11:20 am – 11:35 am | Exhibit & Poster Break

**Where do the therapies stand?**

(Moderator) OPEN

11:35 am – 11:55 am | An overview: what we know
Joseph Murray, MD -- USA

11:55 am – 12:15 pm | A vaccine for celiac disease, really?
Robert Anderson, MD -- USA

12:15 pm – 12:40 pm | TG1 as a target for therapy
Chaitan Khosla, MD -- USA

12:40 pm – 1:00 pm | Do TG2 specific inhibitory antibodies have the potential to treat celiac disease?
Tim Johnson, PhD -- USA

1:00 pm – 1:15 pm | Discussion and Q&A
1:15 pm – 2:15 pm | Lunch

**More therapies**

(Moderator) OPEN

2:15 pm – 2:45 pm | What does the FDA require?
Juli Tomaino, MD -- USA

2:45 pm – 3:05 pm | Drugs for kids?
Norelle Reilly, MD -- USA

3:05 pm – 3:25 pm | Multi-cytokine therapies
Paul Frohna, MD, PhD -- USA

3:25 pm – 3:40 pm | Discussion and Q&A

**Newer therapies**

Chris Mulder, MD -- Amsterdam (Moderator)

3:40 pm – 4:00 pm | Bridging morphometric digital and light microscopy histopathology for celiac disease trials, validation and SOPs
Richard Colletti, MD -- USA

4:00 pm – 4:20 pm | Nanoparticle therapy
Daniel Getts, PhD -- USA

4:20 pm – 4:40 pm | Anti-IL15, Where to now?
Francisco Leon, MD -- USA

4:40 pm – 5:00 pm | Latiquminae really works!
Jack A. Syage, PhD -- USA

5:00 pm – 5:10 pm | Discussion and Q&A
5:10 pm – 5:25 pm | Exhibit & Poster Break

**Non-celiac gluten sensitivity**

Peter Gibson, MD -- USA (Moderator)

5:25 pm – 5:45 pm | It’s all in the FODMAPS
Knut Lundin, MD -- Norway

5:45 pm – 6:05 pm | A biomarker at last
Armin Alaeidini, PhD – USA

6:05 pm – 6:25 pm | Home testing for gluten sensitivity
Luca Elii, MD, PhD -- Italy

6:25 pm – 6:30 pm | Discussion and Q&A and wrap up
Benjamin Lebwohl, MD -- USA

7:15 pm – 9:15 pm | Speaker Dinner (TBD)
Friday, March 2, 2018

7:30 am – 6:00 pm  Registration (Ground Level - 1st Floor)
7:30 am – 9:00 am  Continental Breakfast (Ground Level - 1st Floor)
8:35 am  Welcoming & Opening Remarks
8:45 am – 9:15 am  Keynote Address: Common myths and misperceptions about celiac disease?

■ World of Celiac Disease
  Joseph Levy, MD – USA (Moderator)
  9:15 am – 9:35 am  How is celiac disease managed in Argentina?
  Julio Bai, MD – Argentina
  9:35 am – 9:55 am  How is celiac disease managed in Canada?
  Maria Ines Pinto Sanchez, MD – Canada
  9:55 am – 10:15 am  How is celiac disease managed in Italy?
  Carolina Ciacci, MD – Italy
  10:15 am – 10:35 am  How is celiac disease managed in Australia?
  Peter Gibson, MD – Australia
  10:35 am – 10:50 am  Exhibit & Poster Break

■ Epidemiology of Celiac Disease
  Jonas Ludvigsson, MD – Sweden (Moderator)
  10:50 am – 11:25 am  Clinical manifestations of celiac disease
  Peter HR Green, MD – USA
  11:25 am – 12:00 pm  How significant are the risk factors for developing celiac disease and do patients with celiac disease have an increased mortality rate?
  Jonas Ludvigsson, MD – Sweden
  12:00 pm – 12:35 pm  Diagnosis of celiac disease in adults?
  Carol Semrad, MD – USA
  12:35 pm – 12:45 pm  Discussion & Q&A
  12:45 pm – 2:00 pm  Lunch

■ Gluten-Free Diet & Beyond
  Anne Lee, EdD, RDN, LD – USA (Moderator)
  2:00 pm – 2:30 pm  What not to eat, and most importantly what to eat
  Anne Lee, EdD, RDN, LD – USA
  2:30 pm – 3:00 pm  What is the status of research in the dietary management of celiac disease?
  Randi Wolf, MPH, PhD – USA
  Anne Lee, EdD, RDN, LD – USA

3:00 pm – 3:15 pm  Discussion and Q&A

■ Celiac Disease in the Pediatric Population
  Norelle Reilly, MD – USA (Moderator)
  3:15 pm – 3:45 pm  Diagnosis of celiac disease in children
  Amy DeFelice, MD – USA
  3:45 pm – 4:15 pm  After the diagnosis for children
  Norelle Reilly, MD – USA
  4:15 pm – 4:45 pm  504 Accommodation
  Anne Lee, EdD, RDN, LD – USA
  4:45 pm – 4:55 pm  Discussion and Q&A
  4:55 pm – 5:15 pm  Exhibit & Poster Break
  5:10 pm – 6:10 pm  Beer and Pretzels or just afternoon tea?
  Panel: Markku Maki, MD; Fritz Konig, MD; Carolina Ciacci, MD; Jennifer Sealey-Voyksner, PhD
  6:30 pm – 9:30 pm  Reception

Saturday, March 3, 2018

7:00 am – 1:00 pm  Registration (1st Floor)
7:00 am – 9:00 am  Continental Breakfast (Ground Level - 1st Floor)

■ Management of Celiac Disease
  Amy DeFelice, MD – USA (Moderator)
  8:00 am – 8:20 am  Oral manifestations of celiac disease
  Carolina Ciacci, MD – Italy
  8:20 am – 8:40 am  Video capsule endoscopy
  Current use: Suzanne Lewis, MD – USA
  The future: Edward Ciaccio, PhD – USA
  8:40 am – 9:00 am  Dietary Supplements
  Suneea Krishnareddy, MD – USA
  9:00 am – 9:20 am  What vaccinations should I worry about?
  Peter HR Green, MD – USA
  9:20 am – 9:40 am  What about bones in celiac disease - osteoporosis?
  Julio Bai, MD – Argentina
  9:40 am – 9:55 am  Discussion and Q&A

■ The Role of the Microbiome
  Suneea Krishnareddy, MD – USA (Moderator)
  9:55 am – 10:30 am  Basic immunology of celiac disease
  Melanie Uhde, PhD – USA
  10:30 am – 11:05 am  Celiac disease and the microbiome – past, present and the future
  Suneea Krishnareddy, MD – USA
  11:05 am – 11:20 am  Discussion and Q&A

11:20 am – 1:35 pm  Exhibit & Poster Break

■ Gluten sensitivity
  Armin Alaedini, MD – USA (Moderator)
  11:35 am – 12:05 pm  It’s the wheat
  Armin Alaedini, PhD – USA
  12:05 pm – 12:35 pm  It’s FODMAPs
  Knut Lundin, MD – Norway
  12:35 pm – 12:50 pm  Discussion and Q&A
  12:50 pm – 2:15 pm  Lunch

■ How important is quality of life in celiac disease?
  Randi Wolf, MPH, PhD – USA (Moderator)
  2:15 pm – 2:55 pm  Quality of life, it’s all in the diet
  Anne R Lee, PhD – USA
  2:55 pm – 3:35 pm  Gluten-free diet, How strict is too strict?
  Randi Wolf, MPH, PhD – USA
  3:35 pm – 4:15 pm  Effect of gender on quality of life
  Claes Hallert, MD – Sweden
  4:15 pm – 4:50 pm  What happens to kids? Transition into adulthood
  Norelle Reilly, MD – USA
  4:50 pm – 5:10 pm  Discussion and Q&A
  5:10 pm – 5:25 pm  Exhibit & Poster Break

■ The Future of Celiac Disease
  Suzanne Lewis, MD – USA (Moderator)
  5:25 pm – 5:40 pm  Why and how to participate in clinical studies?
  Maria Teresa Minya – USA
  5:40 pm – 5:55 pm  Why should I give to the Celiac Disease Center
  Cynthia Beckman – USA
  5:55 pm – 6:10 pm  The direction of clinical research in celiac disease
  Benjamin Lebwohl, MD – USA
  6:10 pm – 6:25 pm  Status of drug development for celiac disease
  Joseph Murray, MD
  6:25 pm – 6:30 pm  Discussion and Q&A and wrap up
  Suzanne Lewis, MD – USA