

# XII International Celiac Disease Symposium

# 2006



## Program International Symposium

The International Symposium is a scientific program designed for physicians and scientists. Experts will discuss the latest information on the epidemiology, clinical manifestations, diagnosis, pathogenesis, the impact of the diagnosis of celiac disease, and therapy, both current and future, of celiac disease. This program is AMA approved with 18.75 hours of Category 1 CME Credits™.

All events will take place at the Hilton NY Hotel unless noted otherwise. The Hilton NY Hotel is located at 1335 Avenue of the Americas (at 53rd Street & Sixth Avenue) New York, NY. All Food and Beverage served during the symposium will be gluten-free.

### Wednesday, November 8

2:00 p.m. – 6:00 p.m.	Registration Open	2nd Floor Promenade
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### Thursday, November 9

7:00 a.m. – 6:00 p.m.	Registration Open	2nd Floor Promenade
7:00 a.m. – 9:00 a.m.	Breakfast Buffet	Rhineland Gallery
8:00 a.m. – 6:00 p.m.	Media Room Open	Nassau Suite A
8:00 a.m. – 6:00 p.m.	Press Conference Room Open	Nassau Suite B
8:00 a.m. – 6:30 p.m.	Exhibit Hall Open	Rhineland Gallery
12:00 p.m. – 1:30 p.m.	Box Lunch	Rhineland Gallery
12:00 p.m. – 1:30 p.m.	Poster Presentations	Discovery Corridor, Rhineland Gallery
2:00 p.m. – 4:00 p.m.		

#### **Session I** **What is Celiac Disease?**

##### **Chairs**

Julio Bai, MD  
Dr. Carlos Bonorino Udaondo Gastroenterology Hospital  
Argentina

Ricardo Troncone, MD  
University Federico II  
Italy

##### **Session**

#### ***Current Diagnostic Criteria for Celiac Disease: Need for a Revision?***

Julio Bai, MD  
Dr. Carlos Bonorino Udaondo Gastroenterology Hospital  
Argentina

#### ***The Spectrum of Celiac Disease***

Ricardo Troncone, MD  
University Federico II  
Italy

#### ***Natural History of Celiac Disease***

Katri Kaukinen, MD, PhD  
Tampere University Hospital  
Finland

***Intestinal mucosa anti-transglutaminase antibodies in early stage of gluten intolerance***

Fabiana Ziberna

***Early Epithelial Cell Alterations in “Latent/At Risk” Celiac Patients with Normal Histology***

Mala Setty

Q&A

Sutton Center, South and Regent Parlor

4:00 p.m. – 4:20 p.m.

Break

Rhineland Gallery

4:30 p.m. – 6:30 p.m.

**Session II**  
**Impact of Diagnosis and Treatment of Celiac Disease**

**Chairs**

Richard Logan, MB, ChB, MSc, MFPHM, FRCP  
Nottingham University  
UK

Claes Hallert, MD, PhD  
Linköpings Universitet  
Sweden

**Session**

***Should We Diagnose Everyone?***

Richard Logan, MB, ChB, MSc, MFPHM, FRCP  
Nottingham University  
UK

***Outcome of Untreated Celiac Disease***

Jacques Schmitz, MD  
Hopital Necker-Enfants Malades  
France

***Quality of Life***

Claes Hallert, MD, PhD  
Linköpings Universitet  
Sweden

***Complications: Malignancy and Fracture Risk***

Joe West, MD  
University of Nottingham  
UK

***The NIH Consensus Conference***

Stephen James, MD  
Division of Digestive Diseases and Nutrition (NIDDK)  
National Institutes of Health  
USA

***Physician Management of Positive Celiac Disease Screens***

Kelly McGowen, Decker Butzner

Q&A

Sutton Center, South and Regent Parlor

7:00 p.m. – 10:00 p.m.

Gala Reception

American Museum of Natural History  
(Central Park West & 79th Street)

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**Friday, November 10**

7:00 a.m. – 6:00 p.m.

Registration Open

2nd Floor Promenade

7:00 a.m. – 9:00 a.m.

Breakfast Buffet

Rhineland Gallery

8:00 a.m. – 6:00 p.m.

Media Room Open

Nassau Suite A

8:00 a.m. – 6:00 p.m. Press Conference Room Open Nassau Suite B  
8:00 a.m. – 6:30 p.m. Exhibit Hall Open Rhineland Gallery  
8:30 a.m. – 12:00 p.m.

**Session III**  
**Pathogenesis**

**Chairs**

Ludvig Sollid, MD, PhD  
Rikshospitalet University  
Norway

Marco Londei, MD  
University College, London  
UK

**Session**

***Pathogenesis Overview***

Ludvig Sollid, MD, PhD  
Rikshospitalet University  
Norway

***Antigen Presenting Cells in the Gut***

Hans Christian Reinecker, MD  
Massachusetts General Hospital  
USA

***Antigen Presenting Cells in the Celiac Lesion***

Melinda Ráki, MD  
University of Oslo  
Norway

***Transferrin receptor mediates protected transcytosis of IgA/gliadin peptide complexes in active celiac disease***

Martine Heyman

***Transepithelial translocation of an alpha-gliadin 33mer***

Michael Schumann

10:20 a.m. – 10:40 a.m. Break Rhineland Gallery

***Unexpected Role of Transglutaminase in Celiac Disease***

Marco Londei, MD  
University College, London  
UK

***Innate Immunity***

Bana Jabri, MD, PhD  
University of Chicago  
USA

***Gliadin P31-43 peptide can delay EGFR (Epidermal Growth Factor Receptor) decay interfering with the endocytic pathway***

Maria Vittoria Barone

***A transcriptome of tight junction genes in the normal and celiac disease-affected duodenal mucosa***

Cisca Wijmenga, Martin Wapenaar

**Q&A**

Sutton Center, South and Regent Parlor

12:00 p.m. – 1:30 p.m. Box Lunch Rhineland Gallery

12:00 p.m. – 1:30 p.m. Poster Presentations Discovery Corridor, Rhineland Gallery

1:30 p.m. – 3:30 p.m.

**Session IV**  
**New Tools for Investigating Celiac Disease**

**Chairs**

Frits Koning, PhD  
Leiden University Medical Center  
Netherlands

Detlef Schuppan, MD, PhD  
Beth Israel Deaconess Medical Center  
USA

**Session**

***Evaluation and Manipulation of Grains***

Frits Koning, PhD  
Leiden University Medical Center  
Netherlands

***Intestinal Permeability Modulation***

Joerg D. Schulzke MD  
Charité-Universitätsmedizin Berlin  
Germany

***Genetic Predispositions for Celiac Disease***

Cisca Wijmenga, PhD  
University Medical Center Utrecht  
Germany

***Animal Models of Celiac Disease***

Joseph Murray, MD  
Mayo Clinic  
USA

***Wrap-Up***

Detlef Schuppan, MD, PhD  
Beth Israel Deaconess Medical Center  
USA

***Tetramer visualization of gut-homing gluten-specific T cells in the peripheral blood of celiac disease patients***

Melinda Raki

***Adaptive anti-gluten T cell immune response in HLA-DQ8/IL-15 Tg mice***

William DePaolo, Zara Hovhannisyan

Q&A

Sutton Center, South and Regent Parlor

3:30 p.m. – 3:45 p.m.

Break

Rhinelander Gallery

4:00 p.m. – 6:00 p.m.

**Session V**  
**Refractory Celiac Disease**

**Chairs**

Chris Mulder, MD, PhD  
Vrije Universiteit Medical Center  
Netherlands

Nadine Cerf-Bensussan, MD, PhD  
Necker Hospital  
France

**Session**

***Definition and Therapy***

Chris Mulder, MD, PhD  
Vrije Universiteit Medical Center  
Netherlands

***Video Capsule and Double Balloon Endoscopy***

Christophe Cellier, MD, PhD  
Hospital Europeen Georges Pompidou  
France

***The Role of IL-15 in T Leukemogenesis and Lymphomagenesis***

Thomas A. Waldmann, MD  
NCI, National Institutes of Health  
USA

***Pathophysiology of Refractory Celiac Disease***

Nadine Cerf-Bensussan, MD, PhD  
Necker Hospital  
France

***Infliximab treatment of refractory celiac disease type I***

Knut Lundin

***Celiac Disease-Associated And Sporadic Small Bowel Neoplasia: Similarities And Differences***

Govind Bhagat

Q&A

Sutton Center, South and Regent Parlor

7:00 p.m. – 10:00 p.m.

Celiac Soirée

Hilton Grand Ballroom

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**Saturday, November 11**

7:00 a.m. – 6:00 p.m.

Registration Open

2nd Floor Promenade

7:00 a.m. – 9:00 a.m.

Breakfast Buffet

Rhineland Gallery

8:00 a.m. – 6:00 p.m.

Media Room Open

Nassau Suite A

8:00 a.m. – 6:00 p.m.

Press Conference Room Open

Nassau Suite B

8:00 a.m. – 6:30 p.m.

Exhibit Hall Open

Rhineland Gallery

8:30 a.m. – 10:20 a.m.

**Session VI  
Epidemiology of Celiac Disease**

**Chairs**

Carlo Catassi, MD, MPH  
Universita di Ancona  
Italy

Geoffrey Holmes, MD, PhD, FRCP  
Derbyshire Royal Infirmary  
UK

**Session**

***Celiac Disease in Developing Countries***

Carlo Catassi, MD, MPH  
Universita di Ancona  
Italy

***Celiac Disease in Developed Countries***

Markku Mäki, MD, PhD  
University of Tampere  
Finland

***Natural History of Celiac Disease-Associated Antibodies***

Satu Simell

***The Swedish Epidemic of Celiac Disease Explored by Screening***

Anna Myleus

***Prevalence of celiac disease among the Japanese population***

Fumihiko Ishida

***Prevalence of coeliac disease in Tunisia: Mass screening study in school children***

Ben Hariz Mongi

Q&A

Sutton Center, South and Regent Parlor

10:20 a.m. – 10:40 a.m.

Break

Rhineland Gallery

10:40 a.m. – 12:00 p.m.

**Session VII**  
**Gluten Outside the Gut**

**Chairs**

William Dickey, MD, PhD, FACC  
Altnagelvin Hospital  
Northern Ireland

Norman Latov, MD, PhD  
Weill Medical College of Cornell University  
USA

**Session**

***Changing Presentation of Celiac Disease***

William Dickey, MD, PhD, FACC  
Altnagelvin Hospital  
Northern Ireland

***Dermatitis Herpetiformis***

John J. Zone, MD  
University of Utah  
USA

***Neurological Manifestations***

Marios Hadjivassiliou, MB ChB, MRCP, MD, FRCP  
University of Sheffield  
UK

***Impact of Celiac Autoimmunity on Growth, Diabetes Control, and Bone Density of Subjects with Type 1 Diabetes***

Edward Hoffenberg

Q&A

Sutton Center, South and Regent Parlor

12:00 p.m. – 12:30 p.m.

Innovation Award Ceremony      Sutton Center, South and Regent Parlor  
Peter Green, MD  
Celiac Disease Center at Columbia University

12:30 p.m. – 1:20 p.m.

Box Lunch      Rhineland Gallery

12:30 p.m. – 1:20 p.m.

Poster Presentations      Discovery Corridor, Rhineland Gallery

1:30 p.m. – 3:30 p.m.

**Session VIII**  
**The Gluten-Free Diet**

**Chairs**

Pekka Collin, MD, PhD, MPH  
Tempere University Hospital  
Finland

Don Kasarda, PhD, (Retired)  
U.S. Department of Agriculture  
USA

**Session**

**Keynote Address: Psychological Control Mechanisms**

Walter Mischel, PhD  
Columbia University  
USA

**Wheat, Oats and Other Cereals**

Pekka Collin, MD, PhD, MPH  
Tempere University Hospital  
Finland

**How Much Gluten is Too Much?**

Alessio Fasano, MD  
University of Maryland Medical Center  
USA

**The Measurement of Cereal Contamination in Gluten-Free Products**

Enrique Méndez  
Centro Nacional de Biotecnología  
Spain

**Compliance Issues**

Carolina Ciacci, MD  
Universita Federico II  
Italy

**The toxicity of HMW glutenins to patients with celiac disease**

Paul Ciclitra, Julia Ellis

**Gluten tolerance in celiac disease patients**

Maria Luisa Merarin

Q&A

Sutton Center, South and Regent Parlor

3:30 p.m. – 3:45 p.m.

Break

Rhineland Gallery

4:00 p.m. – 6:00 p.m.

**Session IX**

**Non-Dietary Therapies**

**Chairs**

Chaitan Khosla, PhD  
Stanford University  
USA

Robert Anderson, PhD, FRACP  
Walter & Eliza Hall Institute  
Australia

**Session**

**New Chemical Entities for TG2 & DQ2 Inhibition**

Chaitan Khosla, PhD  
Stanford University  
USA

**Oral Enzyme Therapy**

Gary M. Gray, MD  
Stanford University  
USA

**Zonulin Receptor Antagonist AT1001**

Blake Paterson, MD  
AlbaTherapeutics  
USA

**Vaccines**

Robert Anderson, PhD, FRACP  
Walter & Eliza Hall Institute  
Australia

### **Enzymatic degradation of gluten in a GI-tract model**

Cristina Mitea

Q&A

Sutton Center, South and Regent Parlor

6:00 p.m. – 6:30 p.m.

### **Session X Closing**

#### **Summary of Scientific Sessions**

Martin Kagnoff, MD  
University of California at San Diego  
USA

#### **Future Directions, Closing Remarks**

Peter Green, MD  
Celiac Disease Center at Columbia University  
USA

Sutton Center, South and Regent Parlor

#### **Accreditation**

*The College of Physicians and Surgeons of Columbia University is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.*

*The College of Physicians and Surgeons designates this educational activity for a maximum of 18.75 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.*

*This program has been planned and produced in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education (ACCME).*

*The American College of Nurse Practitioners (ACNP) and The American Academy of Physician Assistants (AAPA) accept AMA/PRA category 1 credit from organizations accredited by the ACCME.*

*The American Nurses Credentialing Center (ANCC) accepts AMA/PRA category 1 credit toward recertification requirements.*

#### **Disclosure**

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