NGM 2009
Neurogastroenterology and Motility 2009 Joint International Meeting
August 27 – 30, 2009
Hilton Chicago
Chicago, Illinois

Final Announcement & Call for Abstracts

Abstract Deadline
March 4, 2009

www.fbgweb.org

Host
Functional Brain–Gut Research Group

Joint sponsors
American Neurogastroenterology and Motility Society
European Society of Neurogastroenterology and Motility
Functional Brain–Gut Research Group
International Neurogastroenterology and Motility Group
and
Center for Continuing Education
Tulane University Health Sciences Center

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Welcome

On behalf of the Functional Brain-Gut Research Group, the American Neurogastroenterology and Motility Society, the European Society of Neurogastroenterology and Motility, the International Group for the Study of Neurogastroenterology and Motility, and the International Foundation for Functional Gastrointestinal Disorders, we wish to invite you to participate in our Joint International Neurogastroenterology and Motility meeting to be held August 27–30, 2009 in Chicago, Illinois. As the accompanying program shows, the topics and speakers for this meeting will discuss cutting-edge research that focuses on disease mechanisms, diagnosis, and treatment of disorders involving gastrointestinal neuromuscular function. Particular attention has been placed on the rapidly developing field of research that focuses on brain–gut interactions. This meeting will set the stage to improve our understanding of the physiology and pathophysiology of neuromuscular behavior in the gastrointestinal tract and the brain–gut axis. We hope you will consider attending NGM 2009. We look forward to seeing you in Chicago and sharing in this exciting event.

Emeran A. Mayer, President, FBG; Chair, Steering Committee; Chair, Program Selection and Scientific Committee
G. Richard Locke, Past President, FBG; Co-chair, Local Organizing Committee
Lin Chang, President-elect, FBG; Co-chair, Local Organizing Committee

Important Deadlines

Abstracts Due: March 4, 2009
Preregistration – fee discount before June 15, 2009
Registration: July 15, 2009
Hotel Reservation: July 15, 2009, 12 midnight CST

Registration Fees

Member of Participating Societies
$450 before June 15, 2009
$575 after June 15, 2009
$700 On-site

Nonmember
$550 before June 15, 2009
$675 after June 15, 2009
$800 On-site

Resident, Post-Doctoral Fellow, Trainee
$200 before June 15, 2009
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Nurse, Allied Health
$250 before June 15, 2009
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$450 On-site

Accompanying Person (includes banquet)
$150 each

One Day Registration
$400

Young Investigator Travel Awards

A limited number of travel awards will be provided to those persons submitting abstracts. These awards will help defray the costs of attending the meeting. Applicants need to be less than five years from obtaining their degree. Both basic science and clinical investigators will be eligible, including undergraduate and graduate students, postdoctoral fellows, and junior faculty in the early stages of an independent career. Award criteria will be based on career status and the scientific quality of the applicant’s abstract. Please check the box on the on-line submission form indicating that you wish to be considered for a Young Investigator Travel Award. Please note, registrants may receive only one travel award for this meeting.

Statement of Need

Functional gastrointestinal and motility disorders are prevalent conditions diagnosed in both children and adults, and include esophageal motility disorders, irritable bowel syndrome (IBS), functional dyspepsia, chronic constipation, and chronic abdominal pain. Most, but not all, of these disorders are more prevalent in females. Although these are common disorders, the underlying pathophysiologic mechanisms are not well understood and there is a need for more effective treatment. While these conditions are thought to be multifactorial in origin, alterations in brain–gut interactions are thought to be a key underlying pathophysiologic mechanism. Multiple factors such as genetic predisposition, prior gastroenteric infection, psychological symptoms, and learned illness behaviors can contribute to the development and clinical presentation of these syndromes. An update of these current concepts in the increased vulnerability and development of functional gastrointestinal and motility disorders will be reviewed. In addition, the diagnosis using state-of-the-art techniques and management of these conditions in children and adults using an integrated, comprehensive medicine approach will be discussed.
Intended Audience
Primarily, gastroenterologists but also psychiatrists and other clinicians; physicians in training such as gastroenterology fellows, biochemists, molecular and cell biologists, physiologists, neurophysiologists, immunologists, pharmacologists, and behavioral psychologists, doctoral level researchers and nurses.

Meeting Objectives
At the conclusion of this educational activity, the participants should be better able to:

- discuss with colleagues at medical educational and research fora the most up-to-date and relevant basic science, translational and clinical research findings in the field of neurogastroenterology and motility in order to apply this knowledge to improving current or future research studies as well as medical care for patients with these disorders
- describe to colleagues and trainees in educational meetings the role of brain-gut communication and signaling in functional gastrointestinal and motility disorders and obesity
- discuss with colleagues and trainees in educational and research meetings the role of altered central mechanisms within the brain–gut axis in adult and pediatric functional gastrointestinal pain disorders to help improve the understanding of these conditions and improve patient management and outcome
- discuss with colleagues and trainees in educational and research meetings the current concepts of peripheral dysregulations within the gastrointestinal tract including the enteric nervous system which are relevant to lower gastrointestinal disorders to help improve the understanding of these conditions and improve patient management and outcome
- review with clinicians at teaching conferences the diagnostic criteria and outcome measures used in clinical treatment trials in order to understand the applicability to clinical practice
- apply the new diagnostic approaches for gastrointestinal motility disorders to their patient care
- describe to patients and apply to patient care the knowledge of the nonpharmacologic and pharmacologic treatment approaches in managing upper and lower functional gastrointestinal and motility disorders in order to improve health related outcomes for patients.

Accreditation Statement
This activity has been planned and implemented in accordance with the Essentials and Standards of the Accreditation Council for Continuing Medical Education through the joint sponsorship of Tulane University Health Sciences Center and the Functional Brain–Gut Group. Tulane University Health Sciences Center is accredited by the Accreditation Council for Continuing Medical Education (AC-CME) to provide continuing medical education for physicians.

Designation
Tulane University Health Sciences Center designates this educational activity for a maximum of 17.25 AMA PRA Category 1 Credits™. Each physician should claim only those hours of credit that he/she actually spent in the educational activity.

Tulane University Health Sciences Center presents this activity for educational purposes only and does not endorse any product, content of presentation or exhibit. Participants are expected to use their own expertise and judgment while engaged in the practice of medicine. The content of the presentations is provided solely by presenters, who have been selected because of their recognized expertise.

Procedure for CME Credit
To receive the appropriate number of CME credits, it is important to do the following:

- On your arrival, pick up your verification form at the Registration Desk.
- On your departure, turn in your completed verification form at the Registration Desk.

A listing of the number of credits available each day will be included with the verification form. Program hours that run simultaneously or overlap are not included in the total credits available each day.

Disclosure
It is the policy of the Center for Continuing Education at Tulane University Health Sciences Center to plan and implement all of its educational activities in accordance with the ACCME’s Essential Areas and Policies to ensure balance, independence, objectivity and scientific rigor. In accordance with the ACCME’s Standards for Commercial Support, everyone who is in a position to control the content of an educational activity certified for AMA PRA Category 1 Credits™ is required to disclose all relevant financial relationships with any commercial interests within the past 12 months that create a real or apparent conflict of interest. Individuals who do not disclose are disqualified from participating in a CME activity. Individuals with potential for influence or control of CME content include planners and planning committee members, authors, teachers, educational activity directors, educational partners, and others who participate, e.g. facilitators and moderators. This disclosure pertains to relationships with pharmaceutical companies, biomedical device manufacturers or other corporations whose products or services are related to the subject matter of the presentation topic. Any real or apparent conflicts of interest related to the content of the presentations must be resolved prior to the educational activity. Disclosure of off-label, experimental or investigational use of drugs or devices must also be made known to the audience.

Employees of commercial interests (pharmaceutical, biotech, and medical device companies) can not participate as speakers, moderators, abstract authors (whether or not presenting), or in other roles that influence content for a session that is certified for CME credit.
| Thursday  
August 27 | Friday  
August 28 | Saturday  
August 29 | Sunday  
August 30 |
|-----------------|-----------------|-----------------|-----------------|
| 1:00 pm – 6:00 pm  
Registration | 7:30 am – 5:00 pm  
Registration | 7:30 am – 5:00 pm  
Registration | 7:30 am – 12:00 pm  
Registration |
| 3:30 pm – 5:30 pm  
Welcome  
and  
Concurrent Sessions | 8:00 am – 10:00 am  
Plenary Session I  
Chagas Disease Memorial Symposium: Enteric Neuropathies | 7:00 am – 8:00 am  
All Society Committee Meeting | 8:00 am – 11:50 am  
Plenary Session III |
| 10:30 am – 12:30 pm  
Concurrent Sessions | 10:30 am – 12:00 pm  
Concurrent Sessions | 10:30 am – 12:00 pm  
Concurrent Sessions | 10:00 am – 11:15 am  
Hot Topics in Neurogastroenterology & Motility |
| 12:30 pm – 1:30 pm  
ESNM Steering Committee | 12:00 pm – 12:30 pm  
Lunch | 12:00 pm – 12:30 pm  
ANMS Business Meeting | 11:15 am – 11:45 am  
Roundtable Discussion |
| 1:30 pm – 3:30 pm  
Concurrent Sessions | 1:00 pm – 4:00 pm  
Poster Session | 1:00 pm – 4:00 pm  
Poster Session | 11:45 am – 12:00 pm  
Closing Ceremony |
| 5:30 pm – 7:00 pm  
Welcome Reception and  
Poster Session | Dinner on your own | 7:00 pm – 9:00 pm  
Awards Banquet | |
| Session I  
Do the symptom-based criteria of IBS lead to better diagnosis and treatment outcomes? | Session II  
Roles of ICCs in Gastrointestinal Motility | Session I  
New diagnostics in GI motility | |
| Session II  
Intestinal microflora and neuromuscular function (cosponsored by IFFGD) | Session I  
Functional and Motility Disorders of the Esophagus | Session II  
Sex Differences in Neurogastroenterology and Motility | |
| Session II  
The Human Enteric Nervous System | Session II  
Chronic Visceral Pain in Children | Session III  
Enteroneuroendocrine Signaling Within the Brain–Gut Axis | |
| Session III  
Inflammation in the Brain–Gut Axis | Session III  
Colorectal Disorders | | |
| Dinner on your own | | 4:00 pm – 6:00 pm  
Satellite Symposium  
Noninvasive assessment of gastrointestinal function and emptying | |
| | | 4:30 pm – 5:00 pm  
FBG Board Meeting | |
Abstract Submission

The abstract deadline for the Neurogastroenterology & Motility 2009 Joint International Meeting is March 4, 2009. Abstracts received after the deadline will not be reviewed. Abstracts must be submitted electronically. Abstracts will be peer-reviewed and ranked on the basis of scientific merit by experts in the category selected. The Program Selection and Scientific Committee will use these rankings to develop the final meeting program. Abstracts selected for presentation will be published in Neurogastroenterology and Motility. It is a Continuing Medical Education (CME) policy that everyone participating in the meeting as a speaker, presenter, moderator, author, teacher, planner, etc. must complete a CME Disclosure Form. This form will appear on-line when you log in to submit your abstract. If you encounter problems with the electronic submission, please e-mail admin@medpubinc.com or telephone (734) 699-1217.

Instructions for Authors

1. Type the abstract in 10 point Times New Roman. The title, authors, and affiliation must be included. Simple graphs and tables may be included if they fit within the template. The size of the template is 6.5 inches wide x 5.28 inches high (portrait mode). The page margins are top, right, and left 0.25 inches and bottom 0.29 inches. Total words: about 403. Total characters with spaces: about 2,837.

2. Title: The title should be brief, clearly indicating the nature of the study. Type in bold and sentence case.

3. Authors: State all authors' initials and last names only. Italicize the presenting author's name.

4. Affiliation: List institutional affiliations, city, and state, separated by a semicolon (;). The following symbols *, †, and # may be used to denote more than one affiliation.

Example:
The joint international meeting will be held in Chicago, Illinois in 2009. GR Locke,* E Mayer.† *Mayo Clinic, Rochester, MN; †UCLA, Los Angeles, CA.

Step-by-Step Instructions for Electronic Submission


1. Click on the link 2009 NGM Meeting.

2. Click on the Submit Abstract link. On the screen that appears you must create a new account unless you have submitted an abstract to a previous meeting (ie, Boston 2006), in which case you may already have an account and may log on as an Existing User. Log in using your e-mail address and password. Once logged in, click on Submit Abstract. This will take you to Continuing Medical Education Disclosure Form. This is a REQUIRED document that must be completed in its entirety before proceeding. Fill out the form as instructed. Provide the information for each coauthor listed on the abstract as well as your own information. For each coauthor you must indicate how you received their information (ie, e-mail, phone, etc). Check the appropriate box. When the form is complete, click Submit. On the next screen you will see the message "Your CME information has been received successfully". You will also see a link to continue the abstract submission process.

3. Complete the Submission Form. Note, if you wish to present your abstract as a poster, choose the Poster Only option. On completion of this form continue to the next screen and complete the information on your coauthors. Note, abstract submission is on next screen.

4. There are two submission options: 1. download the preformatted Microsoft Word template or 2. upload an existing abstract document that meets the size requirements. Note, the title, authors, and affiliation must be included in the uploaded abstract document.

5. If you use the preformatted Microsoft Word template, download the template to your hard drive, paste your abstract inside it, and save it. When you open this template, display it in the Print Layout mode (under View) to ensure that the correct formatting has been maintained. If you have already typed your abstract, you may copy and paste it into the template. IMPORTANT: Font must be 10 pt Times New Roman. The abstract must fit within the template on one page or it will be considered a nonsubmission. The template is 6.5 inches wide x 5.28 inches high (portrait mode). The margins are top, right, and left 0.25 inches and bottom 0.29 inches. Your Microsoft Word document must be saved in Word 97–2003 for Windows (Word 98–2004 for Mac), otherwise it may not upload correctly.

6. Click Browse to select the abstract document that you have created and click Upload to attach your abstract document to the submission. Please type Greek letters and mathematical symbols as you would in any Microsoft Word document. Special coding is not required, nor do they need to be spelled out.

7. You will receive the message "Your abstract has been successfully uploaded". Click the link to Continue. The next screen is a confirmation of what you have submitted. Review for accuracy and either go Back to make revisions or click Continue. When you click Continue, you will receive a message that your abstract submission form has been accepted. Print this page as a confirmation of your submission.

Previous Presentation of an Abstract

The principal author affirms that the material herein will not have been previously published as an article by August 27, 2009.

Conflict of Interest

If the research was partially or fully funded by a proprietary organization (eg, a pharmaceutical or device manufacturer), a statement to that effect must be included at the bottom of the body of the abstract. For example: "This research was funded in part by ...".

Young Investigator Travel Awards

A limited number of travel awards will be provided to those persons submitting abstracts. These awards will help defray the costs of attending the meeting. Applicants need to be less than five years from obtaining their degree. Both basic science and clinical investigators will be eligible, including undergraduate and graduate students, postdoctoral fellows, and junior faculty in the early stages of an independent career. Award criteria will be based on career status and the scientific quality of the applicant's abstract. Please check the box on the on-line submission form indicating that you wish to be considered for a Young Investigator Travel Award. Please note, registrants may receive only one travel award for this meeting.

Continuing Medical Education Disclosure

Due to the CME requirements, for every abstract submitted, the submitting author will be responsible for filling out a CME Disclosure Form on behalf of all coauthors listed on the abstract (on one form). Once you log in you will see the CME Disclosure Form and the questions that need to be answered on behalf of all coauthors and you will need to fill out the form accordingly.

Employees of commercial interests (pharmaceutical, biotech, and medical device companies) can not participate as speakers, moderators, abstract authors (whether or not presenting), or in other roles that influence content for a session that is certified for CME credit.
**General Information and Meeting Venue**

*Chicago is a bustling, energetic city that never stops no matter the season. It’s a destination with world-class cultural attractions, diverse neighborhoods, and architectural wonders. Chicago is known for critically acclaimed restaurants, world-famous museums, first-class shopping, adventurous nightlife, action-packed sporting events and a thriving theater scene. We look forward to welcoming you to Chicago in August!*

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### Important Deadlines

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- **Registration:** July 15, 2009
- **Hotel Reservation:** July 15, 2009, 12 midnight CST

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**Meeting Registration**

Save on the registration fee by registering **before June 15, 2009**. The registration deadline is **July 15, 2009**. Early registration is strongly advised. To register, go to the Functional Brain–Gut Research Research Group website [www.fbgweb.org](http://www.fbgweb.org) and register on-line, or complete the form on page 7 and fax or mail it to NGM 2009 meeting headquarters. The registration fee includes a comprehensive course syllabus, break refreshments, lunches, a welcome reception, and a banquet. Extra banquet tickets are available for an additional charge. The registration fees are listed in the next column.

**Hotel Reservations**

The host hotel is the [Hilton Chicago](http://www.hilton.com) located at 720 South Michigan Avenue, Chicago, IL 60605. The hotel must receive all reservations no later than **July 15, 2009 at 12 midnight CST**. Any reservation requests received after this date will be subject to hotel availability. The room rate is $199.00 USD per night plus tax. Each room is furnished with two double beds or one king bed. Each room has two bathrooms. Check-in time is 3 pm and check-out time is 11 am. You may make reservations on-line at this web address: [http://www.hilton.com/en/hi/groups/personalized/CHICHHH-MNA-20090825/index.shtml](http://www.hilton.com/en/hi/groups/personalized/CHICHHH-MNA-20090825/index.shtml). This link is also posted on the NGM 2009 meeting page on the Functional Brain–Gut Research Group website [www.fbgweb.org](http://www.fbgweb.org). Alternatively, you may call the hotel directly: toll-free number from U.S., Canada, Puerto Rico, and the U.S. Virgin Islands is 1-800-445-8667; international toll-free number is 800 44 45 86 67. The local phone number is 312-922-4400; the fax number is 312-922-5240.

The Hilton Chicago is a landmark hotel overlooking Grant Park, Lake Michigan, Millennium Park, and Museum Campus. It is the closest luxury hotel to the city’s convention center while being only minutes from the loop business center, shopping, and theatre.

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### Registration Fees

**Member of Participating Societies**

- **Before June 15, 2009:** $450
- **After June 15, 2009:** $575
- **On-site:** $700

**Nonmember**

- **Before June 15, 2009:** $550
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**Resident, Post-Doctoral Fellow, Trainee**

- **Before June 15, 2009:** $200
- **After June 15, 2009:** $300
- **On-site:** $400

**Nurse, Allied Health**

- **Before June 15, 2009:** $250
- **After June 15, 2009:** $350
- **On-site:** $450

**Accompanying Person (includes banquet)**

- **$150 each**

**One Day Registration**

- **$400**
Air Travel Information
Domestic and international flights are available in and out of O’Hare International Airport. Midway Airport is another domestic option. Public transportation is available on the Chicago Transit Association (CTA) trains and bus. Limousine or taxi cabs are also an option.

Public Transportation to the Hilton Chicago
When taking public transportation to the Hilton Chicago from O’Hare International Airport: Take CTA BLUE LINE TRAIN (TO 54TH/CERMAK) to JACKSON/DEARBORN. Walk 0.6 miles southeast to the hotel at 720 SOUTH MICHIGAN AVE.

When taking public transportation to the Hilton Chicago from Midway Airport to the Hilton Chicago: Take CTA ORANGE LINE TRAIN to ROOSEVELT. Walk 0.5 mile north to the hotel at 720 SOUTH MICHIGAN AVE.

Typical minimum charges for transportation to and from O’Hare International Airport
CTA train: 2.00 USD
Bus service: 25.00 USD
Limousine: 70.00 USD
Taxi: 30.00 USD

Typical minimum charges for transportation to and from Chicago Midway Airport
CTA train: 2.00 USD
Bus service: 20.00 USD
Limousine: 70.00 USD
Taxi: 25.00 USD

Climate and Attire
The climate at this time of year is high 70° F to 80° F during the day and low 70° F in the evening. It is suggested that you bring a jacket and/or sweater for the evening. Attire is meeting casual.

Programs for Spouses and Children
Tours and child care may be arranged with the hotel concierge.

Chicago attractions near the Hilton Chicago
• Millennium Park
• Buckingham Fountain
• Shedd Aquarium
• Field Museum
• Soldier Field, home of the Chicago Bears
• Adler Planetarium
• Charter One Pavilion at Northerly Island
• Sears Tower
• Art Institute of Chicago
• Theatre District
• Spertus Institute of Jewish Studies
• Shopping the Magnificent Mile on Michigan Avenue
• Navy Pier
• John Hancock Observatory
• Chicago Water Tower
• United Center, home of the Chicago Bulls and the Chicago Blackhawks

More Chicago area attractions further from the Hilton Chicago
• Wrigley Field, home of the Chicago Cubs
• Museum of Science and Industry
• U.S. Cellular Field, home of the Chicago White Sox
• Lincoln Park Zoo
• Peggy Notebaert Nature Museum
• Brookfield Zoo
• Chicago Botanic Garden
### Registration Options

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<tr>
<th>Member of Participating Societies</th>
<th>Nonmember</th>
<th>Resident, Postdoctoral Fellow, Trainee</th>
<th>Nurse, Allied Health</th>
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<th>One Day Registration</th>
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<tr>
<td><a href="http://www.fbgweb.org">www.fbgweb.org</a></td>
<td>MedPub Inc – NGM 2009</td>
<td>45685 Harmony Lane</td>
<td>Belleville, MI 48111 United States</td>
<td>Fax: (734) 699-1136</td>
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<td>Click on the link 2009 Joint Meeting</td>
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  - $150 each

- **One Day Registration**
  - $400 each

- **Welcome Reception**
  - Thursday, August 27, 2009, 5:30 pm
  - Attending  □ Not Attending  □

- **Banquet**
  - Saturday, August 29, 2009, 7:00 pm
  - Attending  □ Not Attending  □ Extra tickets ____Number

### Personal Information (Please print)

- Name ________________________________ Degree/Credentials __________________
- Specialty __________________________ Institution ______________________________
- Address ______________________________________________________________________
  - City ____________________________
  - State/Province ____________________ Zip/Postal Code ____________________________
  - Country __________________________
- International Telephone Country Code ______ City Code ______ Phone ______ Fax ______
- E-mail address (required) ____________________________________________________________________________________

### Payment (Please check)

Please pay by Amex, Visa, MasterCard, or check (US bank only).
Checks are payable to the Functional Brain–Gut Research Group.

- □ Amex  □ Visa  □ MasterCard  □ Check (US bank only)
- □ Cardholder Name ________________________________
- □ Billing Address for Credit Card
  - street address ______________________________________________________________________
  - city ___________/ state ___________/ zip ___________/ country ____________________________
- □ Credit Card Number ________________________________
- □ Expiration Date ______ / ______ CVV code (3 or 4 digit number on back of card)
- □ Signature ________________________________
  (not valid without signature)

I authorize MedPub Inc to charge my account the total amount:
(Note: MedPub Inc will appear on the credit card statement)

- $ ________________________________

### Cancellation Policy:

Your registration fee, less a $50 administrative fee, will be refunded if written notification is received by MedPub Inc on or before July 15, 2009. No refunds will be granted after July 15, 2009. Fax number: (734) 699-1136
THURSDAY, AUGUST 27, 2009

1:00 pm – 6:00 pm  Registration
3:30 pm – 5:30 pm  Concurrent Sessions

Session I – Do the symptom-based criteria of IBS lead to better diagnosis and treatment outcomes?
Chairs: William Chey and David G. Thompson

3:30  Introduction
David Thompson

3:40  Pros of diagnosis and treatment
Robin Spiller

4:00  Cons of diagnosis and treatment
Michael Camilleri

4:20  Synthesis
Emeran Mayer

4:35  Discussion

Session II – Roles of ICCs in GI Motility
Chair: Sean Ward and Gianrico Farrugia

3:30  An overview of ICC in gastrointestinal motility
Jan D. Huizinga

3:55  Ionic mechanisms of pacemaker activity
Kenton Sanders

4:15  Fate of ICCs in diabetes and restoration of ICC from stem cells
Tamas Ordog

4:35  Role of ICC cells in gastric disorders
Gianrico Farrugia

5:00  Discussion
Gianrico Farrugia

5:30 – 7:00   Welcome Reception & Poster Session

FRIDAY, AUGUST 28, 2009

7:30 am – 5:00 pm  Registration
8:00 am – 12:00 pm  Plenary Session I

Chagas Disease Memorial Symposium: Enteric Neuropathies
Chairs: Sérgio Britto Garcia and Sumei Liu

8:00  Diabetes
Shanthi Srinivasan

8:20  Chagas disease
Sérgio Britto Garcia

8:40  Visceral neurology
Ron F. Pfeiffer

9:00  Developmental disorders
Raj P. Kapur

9:20  Ganglionitis post viral
Roberto DeGiorgio

9:40 – 10:00  Abstract Presentations

10:00  Break

10:30 – 12:30  Concurrent Sessions

Session I – New diagnostics in GI motility
Chairs: André J.P.M. Smout and Jeffrey Conklin

10:30  High resolution manometry
John E. Pandolfino

10:50  Impedance/pH monitoring
Daniel Sifrim

11:10  Gastrointestinal motility capsule
Henry Parkman

11:30  Critical evaluation and utility of gastric sensorimotor and satiety function
Guy E.E. Boeckxstaens

11:50 – 12:30  Abstract Presentations

Session II – Intestinal microflora and neuromuscular function (cosponsored by IFFGD)
Chairs: Eammon Quigley and Premysl Bercik

10:30  Functions of microbiota
Sang Hoon Rhee

10:50  Genetic fingerprinting of gut microbiota
Anna Kassinen

11:10  The brain–gut–microbiome axis
Elena F. Verdu

11:30  Microbiota in IBS
Yehuda Ringel

11:50  Therapeutic interventions
Magnus Simrén

12:10 – 12:30  Abstract Presentations
FRIDAY, AUGUST 28, 2009, cont’d

12:30 – 1:30 European Steering Committee
12:30 – 1:30 Lunch
1:30 – 5:00 Concurrent Sessions
1:30 – 3:30 Two Parallel Sessions

Session I – Functional and Motility Disorders of the Esophagus
Chairs: Peter Kahrilas and William Orr
1:30 Acid and non-acid reflux
André J.P.M. Smout
1:50 Chest pain of esophageal origin
Qasim Aziz
2:10 Obesity and esophageal dysfunction
Roger P. Tatum
2:30 Sleep and esophageal function
Ronnie Fass
2:50 Novel pharmacologic therapies
Ashley L. Blackshaw
3:10 – 3:30 Abstract Presentations

Session II – The Human Enteric Nervous System
Chairs: Jackie Wood and Marcel Jiménez
1:30 Functional and structural studies on human ENS
Michael Schemann
1:50 Human ICCs
Terence K. Smith
2:10 5-HT signaling
Gary Mawe
2:30 Human ENS as a target for drug therapy: the endocannabinoid system in motor and inflammatory disorders
Martin A. Storr
2:50 – 3:30 Abstract Presentations

3:30 – 4:00 Break
4:00 – 6:00 Three Parallel Sessions
Session I – Mucosal Neuroimmune Interactions (cosponsored by IFFGD)
Chairs: Keith Sharkey and Steve Vanner
4:00 Immune activation of enteric neural circuits
John Furness
4:25 Sensitization of visceral afferents by immune modulators
David Grundy
4:50 CNS influence on immune activation
Ilia J. Elenkov
5:15 Mucosal immune activation in postinfectious IBS
Robin Spiller
5:40 Overlap of IBS–IBD – What is the relationship?
Fergus Shanahan

Session II – Chronic Visceral Pain in Children
Chairs: Carlo DiLorenzo and Miguel Saps
4:00 Early pain experience and neuroplasticity
Elie D. Al-Chaer
4:25 Evaluation of sensory bowel function
Manu Sood
4:50 Treatment of chronic visceral pain
John V. Campo
5:15 – 6:00 Abstract Presentations

Session III – Inflammation in the Brain–Gut Axis
Chairs: Michael Beyak and Gary Mawe
4:00 Cellular basis for changes in the ENS
Kulmira Nurgali
4:25 Plasticity of sympathetic inputs to the gut
David R. Linden
4:50 Neuroimmune activation in the CNS
Sylvie Bradesi
5:15 Barrier function
Tor Savidge
5:40 – 6:00 Abstract Presentations
6:00 – 7:30 Poster Session
Dinner on your own
SATURDAY, AUGUST 29, 2009

7:30 am – 5:00 pm  Registration
7:30 am – 8:00 am  All Society Committee Meeting

Plenary Session II
Nonpharmacologic therapies for GI Disorders
Chairs: Fernando Azpiroz and Max Schmulson

8:00  Hypnotherapy
Marc A. Benninga

8:20  Biofeedback therapy – What’s new?
Satish Rao

8:40  Cognitive behavioral approaches
Douglas Drossman

9:00  Sacral nerve stimulation and pacing
Phil Dinning

9:20  Stem cell therapy
Jaime Belkind-Gerson

9:40  Personalized therapy, genomics, and metabolomics
Charles Burant

10:00  Break

10:30 – 12:00  Concurrent Sessions

Session I – Sex Differences in Neurogastroenterology and Motility
Chairs: Beverley Greenwood-Van Meerveld and Margaret Heitkemper

10:30  Sex differences in functional gastrointestinal disorders
Lin Chang

10:50  Progesterone and constipation
Jose Behar

11:10  Regulation of ion channels in smooth muscle cells by sex hormones
Sang Don Koh

11:30  Sex differences in brain activation
Jennifer S. Labus

11:30 – 12:00  Abstract Presentations

Session II – Colorectal Disorders
Chairs: Satish Rao and William Whitehead

10:30  Imaging of pelvic floor structures
Ravinder K. Mittal

10:50  Bidirectional brain gut communications in humans
Shaheen Hamdy

11:10  Spinal cord injury and colorectal dysfunction
Mark A. Korsten

11:30  Fecal incontinence
Steve Heymen

11:50 – 12:00  Abstract Presentation

Session III – Enteroendocrine Signaling within the Brain–Gut Axis
Chairs: Helen Raybould and Soraya Shirazi-Beechey

10:30  Taste receptors in the gut
Soraya P. Shirazi-Beechey

10:50  GLP2 signaling and tropic actions in the gut
David L. Sigalet

11:10  Effect of bariatric surgery on gut brain signaling
Carel W. LeRoux

11:30 – 12:00  Abstract Presentations

12:00 – 12:30  ANMS Business Meeting
12:00 – 1:00  Lunch
1:00 – 4:00  Poster Session
4:00 – 6:00  Satellite Symposium – Noninvasive assessment of gastrointestinal function and emptying
4:30 – 5:00  FBG Board Meeting
7:00 – 9:00  Awards Banquet
SUNDAY, AUGUST 30, 2009

7:30 am – 12:00 pm Registration

Plenary Session III
Hot Topics in Neurogastroenterology and Motility

Chairs: Michael Scheman and John Wiley

8:00 Clock genes and diurnal rhythms
Sandra Hoogerwerf

8:20 Food allergies and related sensitivities
Stephan C. Bischoff

8:40 Novel pharmacological therapies for IBS and constipation
Anthony Lembo

9:00 – 9:40 Four Top-ranked Abstracts

9:40 Break

Hot Topics in Translational Science: CRF1 receptor antagonist

Chairs: Emeran Mayer and Michael Camilleri

10:00 Effects on visceral pain and motility in rodents
Lionel Bueno

10:15 Brain imaging studies in rodents
Daniel P. Holschneider

10:30 Brain imaging studies in humans
Bruce D. Naliboff

10:45 Effects on stress-induced hyperalgesia and autonomic responses in humans
Anthony R. Hobson

11:00 Effects on symptoms: Phase II clinical trial results
Kirsten Tillisch

11:15 Roundtable Discussion

11:45 Closing Ceremony

FBG President and NGM 2009 Chair Emeran Mayer
NGM 2010 Host ANMS President Michael Camilleri
Invited Speakers

Elie D. Al-Chaer, PhD, JD
University of Arkansas for Medical Sciences

Qasim Aziz, PhD
Barts and The London, United Kingdom

Jose Behar, MD
Brown University

Jaime Belkind-Gerson, MD, MSc
Instituto Nacional de Salud Publica (National Institute of Public Health), Mexico

Marc A. Benninga, MD, PhD
Emma Children's Hospital/AMC, The Netherlands

Stephan C. Bischoff, MD
Institute of Clinical Nutrition, University of Hohenheim, Germany

Guy E.E. Boeckxstaens, MD, PhD
Catholic University of Leuven

Sylvie Bradesi, PhD
David Geffen School of Medicine at UCLA

Charles Burant, MD, PhD
University of Michigan Health System

Michael Camilleri, MD
Mayo Clinic College of Medicine

John V. Campo, MD
The Ohio State University and Nationwide Children’s Hospital

Lin Chang, MD
David Geffen School of Medicine at UCLA

Roberto De Giorgio, MD, PhD
Università di Bologna

Phil Dinning, PhD
St. George Hospital, Australia

Douglas Drossman, MD
University of North Carolina, Chapel Hill

Ilia J. Elenkov, MD PhD
Italian National Research Council

Gianrico Farrugia, MD
Mayo College of Medicine

Ronnie Fass, MD
The Ohio State University and Nationwide Children’s Hospital

Anthony Lembo, MD
Beth Israel Deaconess Medical Center

Carel W. LeRoux, MD, PhD
Imperial College, London

David R. Linden, PhD
Mayo College of Medicine

Gary Mawe, PhD
University of Vermont

Emeran Mayer, MD
David Geffen School of Medicine at UCLA

Ravinder K. Mittal, MD
University of California, San Diego

Bruce D. Naliboff, PhD
David Geffen School of Medicine at UCLA

Kulmira Nurgali, PhD
University of Melbourne

Tamas Ordog, MD
Mayo College of Medicine

John E. Pandolfino, MD
Feinberg School of Medicine, Northwestern University

Henry Parkman, MD
Temple University

Ronald F. Pfeiffer, MD
University of Tennessee Health Science Center

Satish Rao, MD, PhD
University of Iowa

Sang Hoon Rhee, PhD
David Geffen School of Medicine, UCLA

Yehuda Ringel, MD
University of North Carolina, Chapel Hill

Kenton Sanders, PhD
University of Reno, Nevada

Tor Savidge, MD
University of Texas Medical Branch

Michael Schemann, PhD
Technische Universität München, Germany

Fergus Shanahan, MD
University College Cork, Ireland

Soraya P. Shirazi-Beechey, PhD
University of Liverpool, U.K.

Daniel Sifrim MD, PhD
Katholieke Universiteit Leuven, Belgium

David L. Sigalet, MD, PhD, FRCS
Alberta Children’s Hospital/University of Calgary

Magnus Simrén, MD
Sahlgrenska University Hospital

Terence K. Smith, PhD
University of Nevada School of Medicine

André J.P.M. Smout, MD, PhD
University Medical Center, Utrecht, The Netherlands

Manu Sood, MD
Medical College of Wisconsin

Robin Spiller, MB, BChir, MSc, MD
The University of Nottingham

Shanthy Srinivasan, MD
Emory University

Martin A. Storr, MD, PhD
University of Calgary, Canada

Roger P. Tatum, MD
University of Washington

David G. Thompson, MD
University of Manchester

Kirsten Tillisch, MD
David Geffen School of Medicine at UCLA

Elena F. Verdu, MD, PhD
McMaster University
Exhibitor Information

Exhibiting is an integral part of the Joint International Neurogastroenterology and Motility meetings. This meeting is jointly sponsored by four societies – American Neurogastroenterology and Motility Society (ANMS), Functional Brain–Gut Research Group (FBG), European Society of Neurogastroenterology and Motility (ESNM), and International Neurogastroenterology and Motility Group (INMG) – and the International Foundation for Functional Gastrointestinal Disorders (IFFGD). As an exhibiting company, you will enjoy prime exposure and direct marketing opportunities with the key players and decision-makers in the field. The floor plan is designed to maximize the exhibitor’s exposure to the meeting participants.

All breaks will be held in the exhibition area. Particular attention will be given to signage and decoration enabling an easy and convenient visit of the exhibition.

Space Allocation
Table-top displays only. One 1-foot x 6-foot skirted table, one trash can, and two chairs will be provided. Two registration fees will be waived. Registration includes all breaks, lunches, and reception, and banquet. Additional registrations are $400 per person. Registration includes all break refreshments, lunches, welcome reception, and awards banquet.

Electrical Connections and Internet
Arrangements for electricity or Internet access must be made directly with the Hilton Chicago. Details for these arrangements will be sent to the official contact person.

Exhibiting Fee and Application Deadline
Exhibiting Fee: $5000 USD
Applications for exhibit space are considered on a first-come basis. Given limited space in the exhibit area, it is recommended that your organization submit the completed application form as soon as possible (see the Exhibitor Application link on the NGM 2009 meeting page at www.fbgweb.org). The deadline for receipt of the application and full payment is June 1, 2009.

Exhibition Schedule
Set up: Thursday, August 27, 2009 – 12:00 pm to 3:00 pm
Break down: Sunday, August 30, 2009 commencing at 12:00 pm
Exhibit Hours
Thursday: Optional
Friday and Saturday: 8:00 am – 5:00 pm
Sunday: 8:00 am – 12:00 pm
Assignment of Space
Space will be assigned as requested wherever possible. We will make every possible effort to assign a preferred location. Exhibitors wishing to avoid assignment of space adjacent to that of a particular competitor should indicate so on their application form. Careful consideration will be given to all requests. However, we cannot guarantee acceptance of these requests. NGM 2009 reserves the right to relocate or reassign space at any time for the overall benefit of the meeting. If a preferred space is not available, NGM 2009 will contact the company to discuss alternative space availabilities.

Exhibitor Registration
All exhibitors must be registered. Two exhibitor name tags will be issued. Additional exhibitors will be charged a registration fee of $400. The Exhibitor Application is available on the NGM 2009 meeting page at www.fbgweb.org.

Exhibit Representation
Exhibits must be staffed by a company representative during the scheduled exhibit times. All company representatives must be preregistered. No shared registrations.

Company and Product Profiles
A complete listing of all exhibitors will be included in the Final Program, which will be distributed to all attendees.

Give-aways and Distribution of Printed Materials
Give-aways are no longer allowed. Printed material may only be distributed in the space provided by the exhibitor. No such material may be distributed in any hotel used by the meeting.

Sound Devices and Noise Level
Noise level from any product demonstration or sound system must be kept to a minimum and must not interfere with other exhibits or educational activities.

Cancellations
Cancellation requests must be received in writing on or before July 1, 2009 and are subject to a $250 cancellation fee. No refunds issued after July 1, 2009. E-mail, fax, or mail to MedPub Inc – NGM 2009.

Liability
Each exhibitor agrees to protect, save, and hold Hilton Chicago, Functional Brain–Gut Research Group (NGM 2009), and all agents and employees thereof (hereinafter collectively called “Indemnities”) forever harmless for any damages or charges imposed for violations of any law or ordinance, whether occasioned by the negligence of the Exhibitor or those holding under the Exhibitor. Further, the Exhibitor shall at all times protect, indemnify, save, and hold harmless the indemnities against and from any and all losses, costs, damages, liability, or expenses (including attorney’s fees) arising from or by reason of any accident or bodily injury or other occurrence to any person or persons, including the Exhibitor, its agents, employees, and business invites, which arise from or out of the exhibition premises, the hotel, or any part thereof.

Shipping
Exhibitors must make individual arrangements for shipping and handling. Details for shipping will be sent to the official contact person.

For further information contact:
MedPub Inc – NGM 2009
45685 Harmony Lane, Belleville, MI 48111
Ph: 734-699-1217 • Fax: 734-699-1136 • E-mail: admin@medpubinc.com • www.fbgweb.org