



PRESIDENT'S REPORT

Douglas A. Drossman, MD
President, Rome Foundation
Senior Editor, Rome III Book

I am pleased to again provide this biannual review of Rome Foundation activities and there is a great deal to report. In this column I will provide some of the major initiatives underway and also offer a quick link to services and activities through our website.

In May 2011 we began a new educational initiative to highlight the most important abstracts on Functional GI and Motility Disorders presented at DDW. Several members of the Rome Foundation Board selected, reviewed and prioritized the highest quality posters and oral presentations at the meeting. Using this information the Foundation produced a CME webcast: **"The Rome Update from DDW"**. Drs. Douglas Drossman, William Whitehead, Lin Chang, Bill Chey and Jan Tack selected and critiqued the abstracts and Drs. Bill Chey, Lin Chang and Nick Talley reported them using a news media format. If you are interested in viewing this webcast, it's available on the Rome Foundation website or go to www.focusmeded.com/special_event/rome2011/index.cfm. We plan to continue this educational program annually at DDW.

Our collaboration with the American Gastroenterological Association continues to provide important educational initiatives to AGA members and attendees. The **Fifth Annual Rome Foundation – AGA Institute Lectureship** which will be held at DDW 2012 will address a hot topic in the area of FGIDs: *"Intestinal Permeability in Gastroenterology and its Relevance to Functional GI Disorders."* We are privileged to have two internationally recognized speakers: Johan Söderholm MD, PhD from Linköping University will discuss *"Stress, Gut microflora and their effect on Intestinal Barrier Function in Functional GI Disorders."* Also Alessio Fassano, MD from the University of Maryland will discuss *"Regulation of Intestinal Permeability in Health and Disease."* The meeting will be held at the San Diego Convention Center on Sunday May 20 from 10:30 AM– 12:00 PM.

We are also pleased to announce a new **Rome Foundation AGA Institute Communication Skills Workshop** which will be held in April 2012. This 1½ day workshop will focus on effective communication and management skills relating to patients with FGIDs. The goals are to increase patient and personal satisfaction, and provide more effective management techniques to achieve better outcomes. The specific objectives are: 1) To understand the pathophysiological, diagnostic and treatment aspects of patients with IBS and other FGIDs, 2) To understand how to conduct a patient-centered biopsychosocial interview that optimizes time and enhances the patient-doctor relationship, and 3) To learn how to manage "difficult" clinical situations (e.g., anger,

dependency, clinical uncertainty, emotional distress, reports of abuse, etc.). By using a series of lectures and demonstration, small group sessions and live facilitated interviews attendees will learn effective clinical techniques from experienced facilitators. For further information please contact Ms. Ceciel Rooker at crooker@theromefoundation.org.

We often receive questions about how to obtain information and materials from the Foundation. In fact, many of these activities and products are accessible through our Foundation website:

- Our **Associates of Rome** program has more than doubled over the last year now containing 120 members representing 37 countries. Membership is open to individuals in research, clinical practice or other academic pursuits. Associates are afforded closer communication with Rome Foundation activities, discounts on functions and educational products and open access to our newsletters and other materials. For further information please contact Ms. Michele Pickard at mpickard@theromefoundation.org or at: www.theromefoundation.org/join_mailing/assoc_rome.cfm.
- Information about upcoming meetings is always available on the website. For further information on our UEGW symposium: "Management of Difficult Patients with Functional GI Disorders" go to www.theromefoundation.org/meetings_events/uegw2011_rome.cfm. The meeting will be held at the Stockholm Exhibition and Conference Center from 5:30 – 6:30 PM in room K24. This year topics include Food Allergy (Javier Santos), IBS in IBD (Magnus Simrén) and Postfundoplication Dysphagia (André Smout).
- Thanks to Dr. Ami Sperber (Israel) we now have **Translations of Rome III questionnaires and criteria** in 17 languages for adult and pediatric questionnaire models as well as medical and psychosocial alarm questions at www.theromefoundation.org/translations.
- Slide presentations and videos from our symposium held in Milwaukee WI in April, 2011: **"IBS – The Global Perspective"**. This conference provided the venue for understanding IBS from a multinational and multi-cultural perspective www.theromefoundation.org/global_perspective.
- The **Diagnostic Algorithms for Common Gastrointestinal Symptoms** published in the American Journal of Gastroenterology in April 2010 is now available online for download at www.theromefoundation.org/education/clin_algor_project.cfm. In addition the Spanish is also available through our link to the Mexican Journal of Gastroenterology at www.revistagastroenterologiamexico.org/

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Meet the experts

How I manage a patient with a difficult case of...



- **Food Allergy** with *Javier Santos*
- **IBS in IBD** with *Magnus Simrén*
- **Postfundoplication Dysphagia** with *André Smout*

Chairmen: *Robin Spiller*
Fernando Azpiroz

Date: Mon. Oct 24th

Time: 5:30-6:30 pm

Location: Room K24; Stockholmsmässan



October 22 – 26, 2011 // Stockholm, Sweden
Stockholm Exhibition & Congress Center

ROME FOUNDATION BOARD OF DIRECTORS



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OUR MISSION IS:
“TO IMPROVE THE LIVES OF PEOPLE WITH FUNCTIONAL GI DISORDERS.”

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ROME FOUNDATION EDUCATIONAL PROGRAM

LIN CHANG, MD

CHAIR, EDUCATION COMMITTEE

Education

There are both continuing and new educational programs that the Rome Foundation has been working on. These include the Rome educational slide sets on FGIDs, the Meet the Experts session at the UEGW 20122, the annual Rome-AGA lectureship at Digestive Diseases Week (DDW) meeting, and a Best of DDW FGID abstract webcast.

Rome educational slide sets

The Computer-Based Learning Program includes state-of-the-art slides that brings to life information from the Rome III book on FGIDs. This educational program is endorsed by AGA Institute. The slide set includes a wide range of information that spans from epidemiology to pathophysiology to treatment. A number of animations, videos and conceptual slides help to communicate ideas that may otherwise seem difficult to convey. Notes and legends for every slide give a description of the slide with key references.

Best of DDW webcast

At last year's DDW, Rome Foundation Board members reviewed and selected the best abstracts on FGIDs. Working with the GI Health Foundation on this educational endeavor, Drs. Nick Talley, Bill Chey and Lin Chang presented these abstracts during a webcast. This webcast is now available on line at www.focusedmed.com/special_event/rome2011/index.cfm.

Meet the Experts session at UEGW 2011

There will be a Rome Foundation Symposium entitled, "Management of Difficult Patients with Functional GI Diseases" which will be held on Monday, October 24, 2011 at 5:30-6:30pm

at Room K24 at the Stockholm Exhibition & Congress Center. Rome Board members Drs. Robin Spiller and Fernando Aspiroz will be moderating the session. There will be three lecturers who will speak on "How I manage a difficult case of..." Dr. Javier Santos will give a talk on Food Allergy, Dr. Magnus Simrén will lecture about IBS in IBD and Dr. André Smout will discuss Postfundoplication Dysphagia.

Fifth Annual Rome-AGA lectureship at the DDW

The upcoming lectureship at the 2012 DDW meeting will be entitled, "Intestinal Permeability in Gastroenterology and its Relevance to Functional GI Disorders." There will be two internationally recognized and respected scientists who will be giving complementary lectures. Dr. Alessio Fassano, Professor of Medicine, Pediatrics and Physiology at the University of Maryland, will be speaking on the "Regulation of Intestinal Permeability in Health and Disease." Dr. Johan Söderholm, Professor of Surgery at Linköping University in Sweden will speak on "Stress, Gut microflora and their effect on Intestinal Barrier Function in Functional GI Disorders." The objectives of this lectureship are to: 1) Review the current understanding of the regulation of intestinal permeability in health, 2) Discuss pathophysiologic mechanisms involving intestinal barrier function in functional gastrointestinal disorders, and 3) Understanding the ways in which altered intestinal barrier function translate into functional GI symptoms. Rome Board members, Drs. Doug Drossman and Lin Chang, will moderate the session. The lectureship will take place Sunday, May 20, 2012, 10:30am - Noon (specific location at the San Diego Convention Center TBD).

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PRESIDENTS REPORT

- The **Rome Foundation Research Award Applications** provide an award of up to \$50,000 for a one year project in the field of functional GI and motility Disorders. The deadline is December 16, 2011 and applications can be downloaded at www.theromefoundation.org/research/apps_request.cfm.
- The **Ray Clouse Best Research Article in Functional GI and Motility Disorders** is awarded for the best research article published since DDW. Nominations include sending a copy of the article with a paragraph indicating why this paper should be awarded. The deadline is March 16, 2012 and further information can be found at www.theromefoundation.org/research/clouse_award.cfm.
- **Rome Foundation Educational Products** including the Rome III book (also available in Spanish), the primary care and patient book "Understanding the Irritable Gut" and our Computer Based Learning Program with over 800 slide images can be ordered directly at www.theromefoundation.org/edproducts/.
- Earlier editions of the **Rome Foundation Newsletter** beginning in 2008 are archived on our website www.theromefoundation.org/join_mailing/newsletters.cfm.

Our mission: "To improve the lives of people with functional GI disorders" and our three goals, to: "promote clinical recognition and legitimization of the functional GI disorders", "develop a scientific understanding of their pathophysiological mechanisms" and "optimize clinical management for patients with FGIDs" continue to drive all activities. We are grateful for our 14 industry sponsors and we look forward to working with all of you to advance the field of FGIDs.

Douglas A. Drossman, MD
President, Rome Foundation



ROME FOUNDATION



ROME TRANSLATION PROJECT - UPDATE

AMI D. SPERBER, MD, MSPH

CHAIR, TRANSLATION PROJECT

The Rome Translation Project was established to oversee the translation of all relevant Rome Foundation material, in particular the *Rome III* book, the Rome III diagnostic questionnaire, and the Rome clinical algorithms. The diagnostic questionnaire and criteria, in its approved language versions, will be available for use in epidemiologic studies and clinical trials.

The webpage for the Rome Foundation Translation Project is now complete and contains the following links:

1. A table of 17 available language versions and translation projects in progress or about to start.
2. A request form for translated material.
3. Licensing and fees information.
4. Rome Foundation guidelines for new language translations.

The project has developed official guidelines for translation of the materials that must be followed before Rome Foundation approval is granted. The project will both monitor translation initiated by others and initiate translations itself. Approval is required for all uses of translated versions of the Rome material including research and education.

For more information, please complete the request form or contact mpickard@theromefoundation.org.

WORKING TEAM ON CROSS-CULTURAL, MULTINATIONAL RESEARCH

AMI SPERBER

The Rome Foundation appointed a working team on Cross-cultural, Multinational Research, which is expected to prepare a summary document of its work within two years. This document and other material prepared by the committee will serve several chapter committees for the Rome IV book.

The working team has been divided into three sub-committees:

- 1. Systematic global review of IBS/FGID epidemiology**
Mandate: To conduct a global systematic review of the epidemiology of IBS to be published as (1) part of the working team's report, (2) as part of the Epidemiology section for Rome IV, and (3) as a standalone publication in a leading GI journal. Dr. Dumitrascu has agreed to serve as a consultant to this sub-committee.
- 2. Methodology issues in cross-cultural, multinational research**
Mandate:
 - a. Study design
 - b. Availability and development of appropriate study instruments
 - c. Translation and validation of study instruments
 - d. Subject recruitment including culturally-related inclusion and exclusion criteria
 - e. Development of culturally appropriate endpoints and outcomes
 - f. Other methodological issues

The committee roster is: Ami Sperber, chair and members Enrico Coriazzari, Shin Fukudo, Charles Gerson, Uday Ghoshal, Kok Ann Gwee, Pali Hungin, Max Schmulson, Brennan Spiegel, Lynn Walker, and Bill Whitehead.

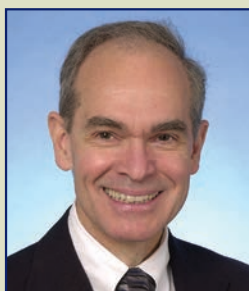
- 3. Fostering cross-cultural, multinational research**
Mandate:

- a. Development of research networks
- b. Potential research areas, e.g., epidemiology, pathophysiology, clinic treatment trials, etc.
- c. Delineation of specific research projects that the committee believes should be prioritized.
- d. Avenues for collaboration with other organizations, pharmaceutical companies and regulatory agencies

Eamonn Quigley has agreed to serve as a **WGO liaison** to this sub-committee to further collaboration between our two organizations as well as in the interest of gaining from his expertise and insights.

The anticipated working team products are:

- a. A paper/s on the epidemiology of IBS
- b. An inclusive document that will serve as support material for the Rome IV book
- c. Guidelines for the development of research networks and multinational collaboration and for the conduct of multinational, cross-cultural research in the FGIDs



ROME FOUNDATION RESEARCH PROGRAM

WILLIAM E. WHITEHEAD, PHD
CHAIR, RESEARCH COMMITTEE

2012 RESEARCH GRANT AWARD

Deadline for applications – December 16, 2011

- Amount of award - \$50,000
- Awarded to: Investigator-initiated research that promises to develop knowledge in the field of functional gastrointestinal disorders (FGIDs)
- Applications are given preference that:
 1. Test the validity and/or utility of the Rome III diagnostic criteria,
 2. Assess the epidemiology of functional GI and motility disorders, or
 3. Advance knowledge of outcome assessment or trial design for FGID treatment trials
- For application cover sheet and instructions see Rome Foundation website (www.theromefoundation.org).
- All applications are submitted for an external NIH-style review by an independent review committee.
- Award will be presented at the Rome Reception during Digestive Diseases Week 2012 (DDW)

2012 RAY CLOUSE AWARDS FOR RESEARCH PUBLICATION IN FUNCTIONAL GI AND MOTILITY DISORDERS

Deadline for nominations – March 16, 2012

- Amount of prizes (2) - \$500
- **Best Original Research Paper** – published January to December 2011: Published papers on empirical research related to functional GI or motility disorders, defined broadly, not excluding any category. Reviews and clinical guideline papers are not eligible.
- **Most Cited Paper** – published between January and December 2010: Most frequently cited paper will be identified by Web of Science search engine. The lag between publication (2010) and eligibility (2012) is two years to insure adequate time to judge the frequency of citations and to avoid disadvantaging papers published towards the end of the calendar year. **Papers authored by Rome Foundation board members are not eligible.**
- Awards will be presented Rome Reception during Digestive Diseases Week 2012 (DDW)

NEW WORKING TEAM – THE ROLE OF FOOD IN FGIDS

Patients have long associated their IBS symptoms with ingestion of certain foods, combination of foods, or a meal itself. In fact, more than 60% of IBS patients report worsening of symptoms after meals; 28% of these within 15 minutes after eating and 93% within 3 hours. Unfortunately the relative lack of empiric data proving a causal link or consistently documenting symptom improvement has caused health care providers to view dietary interventions with skepticism. Further, gastroenterologists and primary care providers receive virtually no structured training in dietary interventions for IBS. This lack of enthusiasm for dietary counseling has increasingly caused providers to be misaligned with their patients who commonly ask for more holistic solutions for their IBS symptoms.

It is now clear that a number of disorders and diseases can masquerade as or exacerbate the symptoms of IBS. For example, few clinicians would dispute that celiac disease and lactose intolerance are important considerations in patients presenting with IBS symptoms. However, these two well defined disorders likely represent the tip of the iceberg as it pertains to the role of food in IBS. For these reasons, the Rome Foundation has commissioned a multidisciplinary group to carefully evaluate the evidence which supports a role of food in the pathogenesis and management of FGIDs. The working group will be co-chaired by William D. Chey and Jan Tack. Other members of the group will include Fernando Azpiroz, Sheila Crowe, Shanti Eswaran, Peter Gibson, and Susan Shepherd.

The working group hopes to have a final document in press at a high quality peer reviewed journal by the time the Rome IV committees commence their work in May of 2013.

COMMITTEE MEMBERS



William D. Chey, MD
Co-Chair
Ann Arbor, MI, USA



Jan Tack, MD, PhD
Co-Chair
Leuven, Belgium

Fernando Azpiroz, MD
Barcelona, Spain

Sheila Crowe, MD
Charlottesville, Virginia, USA

Shanti Eswaran, MD
Ann Arbor, Michigan, USA

Peter Gibson, MD, FRACP
Box Hill, Victoria, Australia

Pieter Janssen, MD
Leuven, Belgium

Susan Shepherd, PhD
Box Hill, Victoria, Australia



WORKING TEAM ON THE ROLE OF THE INTESTINAL MICROBIOTA IN FGIDS

MAGNUS SIMRÉN, MD, PHD
CHAIR

One of the goals of the Microbiota working team was to produce an extensive background document including all the relevant references and information of relevance, as well as a clinically useful review submitted to one of the major scientific journals in our field. That document is now in its final stages of completion. The background manuscript will be submitted for internal review shortly, and the short manuscript will be submitted to Gut as "Recent Advances in Clinical Practice". In addition, two lectures based on the work of this group will be given at a symposium within the congress entitled "Today's Science; Tomorrow's Medicine: Role of Bacteria in Health and Disease" (Tuesday, October 25; Session: "Microbiota in colorectal cancer, liver disease and functional GI disorders", Hall A6/A7 3:45 – 5:15pm):

1. The Role of the Gut Microbiota in Functional GI Disorders: A Rome Working Team Report (Magnus Simrén, Sweden)
2. Pre-pro- and antibiotics in functional GI disorders: Evidence-based therapies? (Peter Whorwell, UK)

Objectives:

- To critically review the existing literature on the role of gut microbiota in functional GI disorders (FGIDs), with focus on clinical and translational aspects.
- Based on the literature search, provide recommendations how to implement the current knowledge into clinical practice, in order to improve the health of our patients.
- Give recommendations for future work in order to improve the current knowledge on the role of gut microbiota in functional GI disorders.
- Produce an extensive background document including all the relevant references and information of relevance, as well as a clinically useful, review, submitted to one of the major scientific journals in our field.

MEMBERS OF THE WORKING TEAM

CHAIR

Magnus Simrén, MD, PhD
Gothenburg, Sweden

CO-CHAIR

Giovanni Barbara, MD
Bologna, Italy

CLINICAL

Peter Whorwell, PhD
Manchester, UK

Brennan Spiegel, MD
Los Angeles, CA, USA

Robin Spiller, MD
Nottingham, UK

TRANSLATIONAL

Stephen Vanner, MD
Kingston, Canada

Elena Verdu, MD, PhD
Hamilton, Canada

BASIC/MICROBIOLOGY

Erwin Zoetendal, MD
Wageningen, the Netherlands

Harry Flint, PhD
Aberdeen, UK

PLANNING FOR ROME IV

Perhaps the most exciting initiative at this time is that of Rome IV. We have begun an innovative program to advance the field of Functional GI Disorders as never done before. Some of the important features of this program include: a) prospectively acquiring targeted data through support committees including evidence based assessment, primary care, multinational research, food and diet, Asian assessment of FGIDs, and severity, b) presentation of this new information at a full day symposium in 2013 when the Rome IV chapter committees begin, c) New book chapters covering expanded areas of interest (Women's health,

multinational aspects, intestinal microenvironment and biomarkers, pharmacogenomics, food and diet), d) online access for Rome IV with free text access and download of pdfs, and e) concurrent release of translations into several languages. We expect publication in a special issue of a reviewed journal and also publication of the Rome IV book with online accessibility by Spring, 2016. Please see Table 1 for a listing of our current working teams and support committees for Rome IV. Finally, any companies or foundations interested in becoming sponsors of Rome IV, please contact Ms. Ceciel Rooker at crooker@theromefoundation.org

WORKING TEAM COMMITTEES

These are content oriented and provide a database of information that can be used by the Rome Chapter Committees. These committees are currently underway and in one case (Severity) have been completed and the data published. The information that develops from these committees will be published as free standing reviews of the field and may include recommendations or guidelines. The Rome IV Chapter Committees will use this information in their work.

WORKING TEAMS	MICROBIOTA	CROSS-CULTURAL	FOOD & FGIDS	SEVERITY	ASIAN
Chair/s	Magnus Simrén <i>Sweden</i>	Ami Sperber <i>Israel</i>	William D. Chey <i>USA</i> Jan Tack <i>Belgium</i>	Douglas Drossman <i>USA</i>	Kok Ann Gwee <i>Singapore</i>
Co-Chair	Giovanni Barbara <i>Italy</i>			Lin Chang <i>USA</i>	William E. Whitehead <i>USA</i>
Members	Elena Verdu <i>Canada</i> Erwin Zoetendal <i>Netherlands</i> Stephen Vanner <i>Canada</i> Peter Whorwell <i>UK</i> Brennan Spiegel <i>USA</i> Robin Spiller <i>UK</i>	Pali Hungin <i>UK</i> Uday Ghoshal <i>India</i> Kok Ann Gwee <i>Singapore</i> Enrico Corazzari <i>Italy</i> Shin Fukudo <i>Japan</i> Charles Gerson <i>USA</i> Brennan Spiegel <i>USA</i> Lynn Walker <i>USA</i> Max Schmulson <i>Mexico</i>	Fernando Azpiroz <i>Spain</i> Sheila Crowe <i>USA</i> Peter Gibson <i>Australia</i> Shanti Eswaran <i>USA</i> Sue Shepherd <i>Australia</i>	Peter Whorwell <i>UK</i> Fermin Mearin <i>Spain</i> Nicholas Bellamy <i>Australia</i> Nancy Norton <i>USA</i> Hugo Gallo Torres <i>USA</i>	Xiao-Hua Hou <i>China</i> Chen Minhu <i>China</i> Hiroto Miwa <i>Japan</i> Uday Ghoshal <i>India</i> Bak Young-Tae <i>South Korea</i> Sutep Gonlachanvit <i>Thailand</i> Andrew Chua <i>Malaysia</i> Ching Liang Lu <i>Taiwan</i>
Purpose	Overview of IBS/functional disorders and evolution of Microbiome role.	Develop plans to facilitate multinational research in the FGIDs, and formulate recommendations and guidelines for FGID research from a cross-cultural perspective.	Systematic assessment of the interaction between food/nutrients and FGID symptom pathogenesis and treatment.	Summarize current research and to make recommendations as to how the concept of severity should be integrated in investigative studies as well as applied in clinical practice.	Conduct a multinational survey using standardized methodology to confirm these observations and make recommendations for the development of Rome IV diagnostic criteria that are more inclusive for Asian patients.

SUPPORT COMMITTEES

These committees are designed to assist the chapter committees in their work. An example would be the systematic review committee which will provide relevant articles for the Rome IV committee work. Support committees may also use the information from the chapter committees for related purposes. Examples would be the Questionnaire Committee or the Primary Care Committee. These committees have begun their work and they will continue through the Rome IV chapter committee activities.

SUPPORT COMMITTEES	QUESTIONNAIRE DEVELOPMENT AND VALIDATION	SYSTEMATIC REVIEW	MULTI-DIMENSIONAL CLINICAL PROFILE	PRIMARY CARE
<i>Chair</i>	William E. Whitehead USA	Paul Moayeddi Canada	Douglas Drossman USA	Pali Hungin UK
<i>Members</i>	Olafur Pallson USA Jan Tack Belgium Lynn Walker USA Brennan Spiegel USA Robin Spiller UK	Hashem El Serag USA Alexander Ford UK William D. Chey USA Grigoris Leontiadis Canada Susan Shepherd Australia	William E. Whitehead USA Jan Tack Belgium Magnus Simrén Sweden Lin Chang USA William D. Chey USA John Kellow Australia Robin Spiller UK Fernando Azpiroz Spain	Bohumil Seifert Czech Republic Niek DeWit Netherlands Greg Rubin UK Jean Muris Netherlands W. Grant Thompson Canada Lin Chang USA Ceciel Rooker USA TBD
<i>Purpose</i>	Ensure that the questionnaire accurately reflects the criteria, is translatable into key languages and is validated through cooperation with	Review the existing body of literature relevant to the chapter committee topics, and provide 500-2000 articles to be reviewed by the relevant chapter committee.	Provide subcategorization of FGIDs beyond the diagnostic criteria that will be helpful in treatment. The profiles will vary among individuals with the same diagnosis. This will relate (for example) to subsetting IBS into IBS-C, D or M, addressing the type/degree of physiological dysfunction (e.g. with fecal incontinence) or biomarkers, the presence of psychosocial co-morbidities, and overall severity/disability.	Apply the Rome IV criteria in a fashion that is beneficial to primary care physicians and health care extenders.

CHAPTER COMMITTEES

The committees will begin in 2013 and will produce the content for Rome IV which will be completed in early 2016. This will include diagnostic criteria and evidence based reviews and recommendations for their designated chapter. Currently the chairs and co-chairs have been selected and committee members will be identified in mid-2012.

CHAPTER COMMITTEES	CHAIR	CO-CHAIR
Fundamentals of Neurogastroenterology-Basic Science	David Grundy	Stephen Vanner
Fundamentals of Neurogastroenterology-Physiology/Motility-Sensation	Guy Boeckstaens	Henry Parkman
Intestinal Microenvironment and Functional GI Disorders	Eamonn Quigley	Giovanni Barbara
Pharmacokinetic and Pharmacogenomic Aspects of Functional GI Disorders	Michael Camilleri	Lionel Bueno
Age, Gender and Women's Health and the Patient	Margaret Heitkemper	Leslie Houghton
Multi-Cultural Aspects of Functional Gastrointestinal Disorders	Ami Sperber	Carlos Francisconi
Psychosocial Aspects of Functional Gastrointestinal Disorders	Rona Levy	Lukas Van Oudenhove
Functional Esophageal Disorders	Ronnie Fass	John Pandolfino
Functional Gastroduodenal Disorders	Nick Talley	Vincenzo Stanghellini
Functional Bowel Disorders	Fermin Mearin	Brian Lacy
Functional Abdominal Pain Syndrome	Peter Whorwell	Kevin Olden
Functional Gallbladder and Sphincter of Oddi Disorders	Grace Elta	Peter Cotton
Functional Anorectal Disorders	Adil Bharucha	Satish Rao
Childhood Functional Gastrointestinal Disorders: Neonate/Toddler	Sam Nurko	Marc Benninga
Childhood Functional Gastrointestinal Disorders: Child/Adolescent	Carlo di Lorenzo	Jeff Hyams
Design of Treatment Trials for Functional Gastrointestinal Disorders	Brennan Spiegel	Jan Irvine

ASSOCIATES OF ROME

Membership in the Associates of Rome program has continued to grow – 120% since the spring edition! There are now 120 Associates including gastroenterologists, pediatricians, primary care physicians, and psychotherapists. Joining is easy (and free), just visit www.theromefoundation.org/join_mailing/assoc_rome.cfm. Benefits include a discount on Rome products and conferences, the bi-annual printed newsletter and quarterly e-newsletter, Rome pin, and a Certificate of Association.

The program best serves health care professionals and investigators. Patients are welcome to join, but may also want to consider contacting IFFGD (International Foundation for Functional Gastrointestinal Disorders, www.iffgd.org) for more patient-centered information about life with GI disorders.



WELCOME NEW ASSOCIATES OF ROME

Ademola Aderaju, MD
USA

Lars Agreus, MD, PhD
Sweden

Mauricio Alario, MD
Brazil

Florence Aslinia, MD
USA

Luis Felipe Asteguieta
Guatemala

Philip Daniel Austin
Sweden

Shahin Ayazi, MD
USA

Silvia Bernstein, PhD
Argentina

Sanjay Bhat, MD
USA

Lena Bohn
Sweden

Doron Boltin, MBBS
Israel

Nashed Botros, MD
USA

Rafael Carmona, MD
Colombia

Sonny Chong, FRCPC
UK

Daniel Chong, MD
USA

Orla Craig, MD
Ireland

Krishnadas Devadas, MD
India

Ram Dickman, MD
Israel

Wenjing Ding, MD, ScD
USA

Kadry Elsaed, PhD
Saudi Arabia

Mohamed Emara, MD
Egypt

Anne Line Engsbro, MD
Denmark

Ramon Espinosa
Colombia

Christopher Fink, MD
USA

Yasser Fouad, MD
Egypt

Charles Gerson, MD
USA

Greg Gordon, MD
USA

Ahmed Hasan, MD
USA

Roman Herman
Poland

Rakesh Jha, MD
China

David Jones, DO
USA

Kee Wook Jung, MD
Korea

Rafael Kahwage, MD
Brazil

Jamshid Kalantar, MD
Australia

Mohammed Khan, MD
USA

Nasir Khokhar, MD
Pakistan

Ji Kim, MD
USA

Gerald Klein, MD
USA

Venu Lagishetty, PhD
USA

Joon Seong Lee, MD, PhD
Korea

Terence Lewis, MBBS
USA

Christian Boggio Marzet, MD
Argentina

Ira Merkel, MD
USA

Julia Pallentino
USA

David Paramo, MD
Colombia

Sanne Rasmussen
Denmark

Barbara Robinson, MD
USA

John Rosen, MD
USA

Ruben Santos, MD
Dominican Republic

Stephan Schmittgens, MD
Netherlands

Shakeel Muhammaed Shaikh
Pakistan

Bulent Sivri, MD
Turkey

Johan Snyman, MD
South Africa

Arjun Sugumaran, MRCP
UK

Eva Szigethy, MD, PhD
USA

Tehgiz Telia, MD
Georgia

Oscar Teramoto, MD
Mexico

Antonio Vargas, MD
Mexico

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ROME RUNNERS



Walt Disney World® Marathon Weekend

January 5-8, 2012

Walt Disney World

Orlando Florida

<http://espnwwos.disney.go.com/events/rundisney/wdw-marathon>

The Rome Foundation has created a Team to run/walk at the Disney races this winter. There are races for all ages and we currently have over 20 people ranging from 4 years old to 65 years old who are planning to participate.



All proceeds from this annual event will be placed in the Rome IV Project fund to help with the development of the Rome IV book.

For more information on becoming a Corporate Sponsor, please contact Ceciel Rooker at crooker@theromefoundation.org.

To get information on joining the Rome Runners Team, please contact Sarah Barrett at slbarret@med.unc.edu

THE FIFTH ANNUAL ROME FOUNDATION – AGA INSTITUTE LECTURESHIP AT DIGESTIVE DISEASE WEEK 2012

“Intestinal Permeability in Gastroenterology and its Relevance to Functional GI Disorders”

SAN DIEGO, CA
MAY 19-22, 2012

The Rome Foundation and the American Gastroenterological Association (AGA) were pleased to announce their 5th annual lectureship at Digestive Diseases Week (DDW). The lectureship is designed to address broad aspects of health care that are relevant to digestive diseases and the functional GI disorders.

Learning Objectives:

1. To discuss the suppression of neurogenesis in the hippocampus in depression and the potential restoration with antidepressants
2. To review neurogenesis of enteric nerves and their role in gut function
3. To explain the relevance of neurogenesis in the central and enteric nervous systems to functional GI and motility disorders

AGENDA



Regulation of Intestinal Permeability in Health and Disease

with Alessio Fassano, MD
University of Maryland



Stress, Gut, Microflora and their effect on Intestinal Barrier Function in Functional GI Disorders

with Johan Söderholm MD, PhD
Linköping University



May 19-22, 2012
SAN DIEGO, CA

DIGESTIVE DISEASE WEEK BOOTH #4521

The Rome Foundation encourages all members and sponsors to visit our booth at DDW. This year we are proud to offer the Diagnostic Algorithms for Common Gastrointestinal Symptoms on CD-ROM. We will also be offering copies of the *Rome III* book, as well as the Computer-Based Learning Program and *Understanding the Irritable Gut*, by W. Grant Thompson, MD.

There will also be many handouts and other research materials available. Be sure to visit us at booth #4521.

WE ARE PLEASED TO PROVIDE SOME OF THE ARTICLES THAT HAVE BEEN PUBLISHED OVER THE LAST YEAR THAT HIGHLIGHT THE ROME CRITERIA.

1: Yao X, Yang YS, Cui LH, Zhao KB, Zhang ZH, Peng LH, Guo X, Sun G, Shang J, Wang WF, Feng J, Huang Q. Subtypes of irritable bowel syndrome on Rome III criteria : a multi-center study. *J Gastroenterol Hepatol.* 2011 Sep 19. doi: 10.1111/j.1440-1746.2011.06930.x. [Epub ahead of print] PubMed PMID: 21929652.

2: Jung HK. Rome III Criteria for Functional Gastrointestinal Disorders: Is There a Need for a Better Definition? *J Neurogastroenterol Motil.* 2011 Jul;17(3):211-2. Epub 2011 Jul 13. PubMed PMID: 21860813; PubMed Central PMCID: PMC3155057.

3: Tam YH, Chan KW, To KF, Cheung ST, Mou JW, Pang KK, Wong YS, Sihoe JD, Lee KH. Impact of pediatric Rome III criteria of functional dyspepsia on the diagnostic yield of upper endoscopy and predictors for a positive endoscopic finding. *J Pediatr Gastroenterol Nutr.* 2011 Apr;52(4):387-91. PubMed PMID: 21415670.

4: Savarino E, Marabotto E, Zentilin P, Frazzoni M, Sammito G, Bonfanti D, Sconfienza L, Assandri L, Gemignani L, Malesci A, Savarino V. The added value of impedance-pH monitoring to Rome III criteria in distinguishing functional heartburn from non-erosive reflux disease. *Dig Liver Dis.* 2011 Jul;43(7):542-7. Epub 2011 Mar 3. PubMed PMID: 21376679.

5: Ohara S, Kawano T, Kusano M, Kouzu T. Survey on the prevalence of GERD and FD based on the Montreal definition and the Rome III criteria among patients presenting with epigastric symptoms in Japan. *J Gastroenterol.* 2011 May;46(5):603-11. Epub 2011 Feb 26. PubMed PMID: 21359521.

6: Czyzewski DI, Lane MM, Weidler EM, Williams AE, Swank PR, Shulman RJ. The interpretation of Rome III criteria and method of assessment affect the irritable bowel syndrome classification of children. *Aliment Pharmacol Ther.* 2011 Feb;33(3):403-11. doi: 10.1111/j.1365-2036.2010.04535.x. Epub 2010 Dec 8. PubMed PMID: 21138454.

7: Jung HJ, Park MI, Moon W, Park SJ, Kim HH, Noh EJ, Lee GJ, Kim JH, Kim DG. Are Food Constituents Relevant to the Irritable Bowel Syndrome in Young Adults? - A Rome III Based Prevalence Study of the Korean Medical Students. *J Neurogastroenterol Motil.* 2011 Jul;17(3):294-9. Epub 2011 Jul 14. PubMed PMID: 21860822; PubMed Central PMCID: PMC3155066.

8: Park JM, Choi MG, Cho YK, Lee IS, Kim JI, Kim SW, Chung IS. Functional Gastrointestinal Disorders Diagnosed by Rome III Questionnaire in Korea. *J Neurogastroenterol Motil.* 2011 Jul;17(3):279-86. Epub 2011 Jul 13. PubMed PMID: 21860820; PubMed Central PMCID: PMC3155064.

9: Camilleri M. Inclusion criteria for pharmacodynamic and clinical trials in chronic idiopathic constipation: pitfalls in using Rome III for functional constipation. *Therap Adv Gastroenterol.* 2011 May;4(3):159-63. PubMed PMID: 21694799; PubMed Central PMCID: PMC3105610.

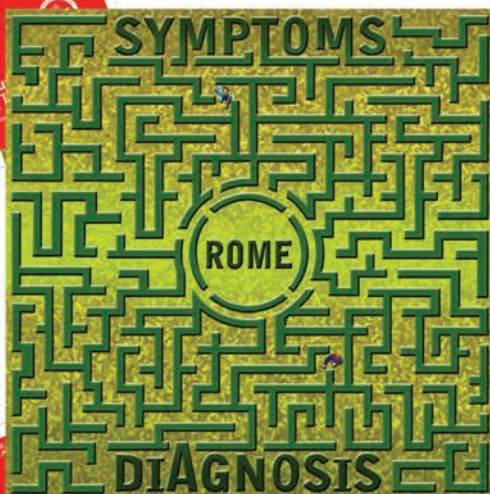
10: Van Oudenhove L, Holvoet L, Vandenberghe J, Vos R, Tack J. Do we have an alternative for the Rome III gastroduodenal symptom-based subgroups in functional gastroduodenal disorders? A cluster analysis approach. *Neurogastroenterol Motil.* 2011 Aug;23(8):730-8. doi: 10.1111/j.1365-2982.2011.01703.x. Epub 2011 Mar 30. PubMed PMID: 21447145.

11: Abid S, Siddiqui S, Jafri W. Discriminant value of Rome III questionnaire in dyspeptic patients. *Saudi J Gastroenterol.* 2011 Mar-Apr;17(2):129-33. PubMed PMID: 21372351; PubMed Central PMCID: PMC3099059.

The Rome Foundation Proudly Presents



the latest educational resources for all health care professionals and patients concerned with functional gastrointestinal disorders (FGIDs)



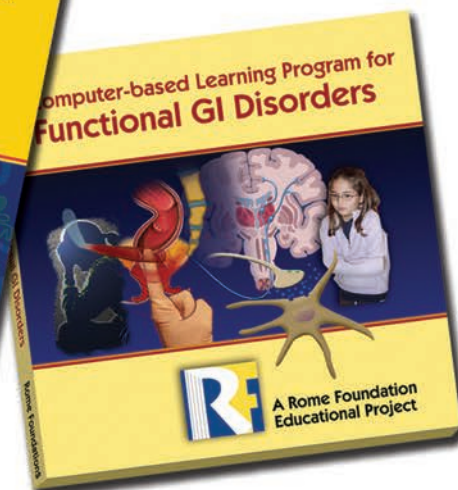
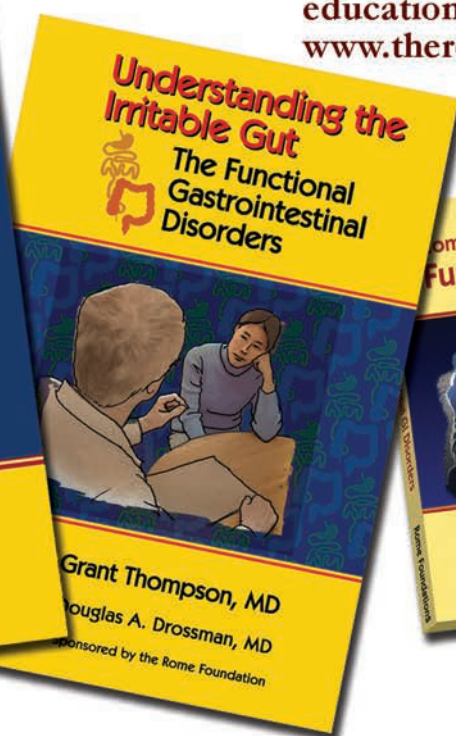
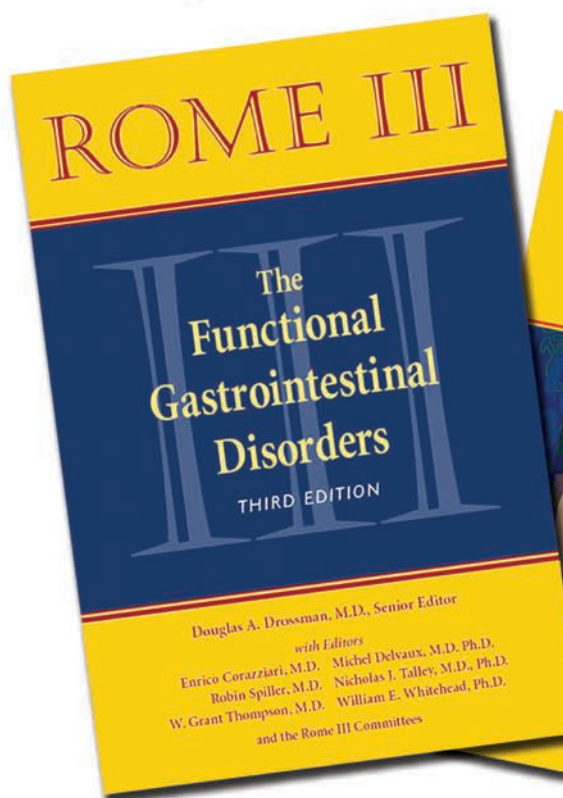
Rome Clinical Algorithms

The Diagnostic Algorithms for Common Gastrointestinal Symptoms are now available on CD-Rom

Be sure to get your copy at the Rome booth (#4521) at DDW in San Diego, CA

The Rome Foundation is committed to develop and support research and education to help people with Functional GI Disorders.

Learn more about any of our educational materials at:
www.theromefoundation.org



PLEASE VISIT OUR ROME FOUNDATION BOOTH #4521 AT DDW IN SAN DIEGO

COMING APRIL 2012

ROME FOUNDATION - AGA INSTITUTE COMMUNICATION SKILLS WORKSHOP

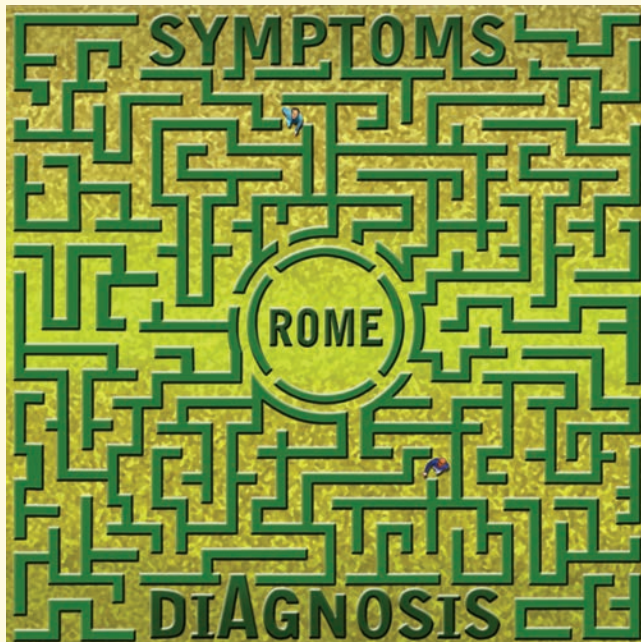
**IMPROVING THE MEDICAL INTERVIEW AND THE PHYSICIAN PATIENT RELATIONSHIP
WITH PATIENTS HAVING FUNCTIONAL GI DISORDERS**

The Rome Foundation, in collaboration with the AGA Institute, proposes a one and ½ day clinical skills workshop to help clinicians enhance their communication skills and optimize their interactions with patients having IBS and other functional GI disorders. These skills are readily applied to patients with all gastrointestinal and medical disorders. This is particularly important as our health care system may evolve to reduce reimbursement for procedures and provide greater emphasis in the use of “cognitive skills” as will be taught in this workshop.

For more information, please contact Sarah Barrett at SBarrett@theromefoundation.org.



ALGORITHM PUBLICATION AND ACCESS



The Rome Foundation Diagnostic Algorithms for Common Gastrointestinal Symptoms are now available via the following:

- A CD-ROM of all 15 Algorithms is now available and will be given out at all Rome Foundation booths.
- The interactive webpage on the Rome Foundation website will now contain all 15 Diagnostic Algorithms.
- A Spanish version of the Algorithms was published in November 2010 in the Mexican Journal of Gastroenterology.
- For free download as a PDF from our website and the AJG website, www.nature.com/ajg/index.html.

ABOUT THE ROME FOUNDATION

The Rome Foundation is an independent not for profit 501(c) 3 organization that provides support for activities designed to create scientific data and educational information to assist in the diagnosis and treatment of functional gastrointestinal disorders (FGIDs). Our mission is to improve the lives of people with functional GI disorders.

Over the last 20 years, the Rome organization has sought to legitimize and update our knowledge of the FGIDs. This has been accomplished by bringing together scientists and clinicians from around the world to classify and critically appraise the science of gastrointestinal function and dysfunction. This knowledge permits clinical scientists to make recommendations for diagnosis and treatment that can be applied in research and clinical practice.

The Rome Foundation is committed to the continuous development, legitimization and preservation of the field of FGIDs through science-based activities. We are inclusive and collaborative, patient-centered, innovative and open to new ideas.

The goals of the Rome Foundation are to:

- Promote clinical recognition and legitimization of the functional GI disorders
- Develop a scientific understanding of their pathophysiological mechanisms
- Optimize clinical management for patients with FGIDs



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