



PRESIDENT'S REPORT

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

As we move toward the end of the year and in anticipation of DDW 2013 we have many exciting activities to look forward to. In this newsletter I'll provide an update to Rome IV and discuss several other activities including our productive global initiatives. Listed below is a review of our programs and activities pursuant to these goals.

ADMINISTRATION

I want to thank our administrative staff for their hard work in maintaining our daily activities and in working to accommodate areas of expansion including international initiatives and Rome IV. We are pleased to welcome Ms. Claudia Rojas into our administrative group. See her bio sketch in this issue. Claudia will help with the coordination of our expanding committees moving into Rome IV, will help coordinate the International Liaison Committee and will work on other tasks along with Wink Hilliard (executive director), Michele Pickard (administrative director) and Ceciel Rooker (marketing, public relations and Rome IV managing editor).

ROME IV

The Rome IV process is on schedule. One may ask if after 3 prior versions over the last 20 years why is Rome IV necessary. However, much like the DSM psychiatric classification system (now going into version 5) an update occurs when the need exists. Since publication of Rome III over 6 years ago new scientific information has accumulated that relate to these disorders. Rome IV will come out in 2016, fully 10 years after the Rome III version. As we move away from consensus to evidence based knowledge we can apply this new knowledge in our future publications. However, the Rome Foundation continues to rely on consensus ("Delphi approach") at times when evidence is not available or the evidence needs to be interpreted by world experts in the field to provide clarification for clinicians and investigators. We also expect to show with Rome IV that we can finally move away from the functional-organic dichotomy that tends to stigmatize these disorders. Functional GI disorders are now understood as having structural abnormalities and the work in biomarkers is likely to be a feature for understanding and further classifying these disorders in the future. Also scientific investigation and clinical practice is a global phenomenon and we must to expand our knowledge to accommodate a multinational context. Finally there are many residual questions that need clarification as we

move forward; for example, "How can we best understand the relationship between IBS-C and functional constipation?" or "what is the latest physiological understanding for subclassifying functional dyspepsia?"

The most important and novel initiative relative to previous Rome criteria versions is that now we plan to prospectively acquire knowledge in predefined areas of interest prior to activation of the Rome IV chapter committees in 2013. Noted below are the several active support committees and working teams who are setting up the knowledge for the chapter committees who will begin the Rome IV work next year. **The work of these committees will be presented in May 2013. This will be before DDW at a separate daylong meeting for committee members and industry sponsors.**

We believe that by 2016 most all new information will be occurring by computer access. Therefore we plan to publish our chapters online. Online access provides more opportunities for readers since they may purchase unlimited access (which will be available to Rome IV sponsors and members), download individual chapters or even do free text searching for information. In addition we will be incorporating cross-links to other chapters and have considerably more graphic material from our computer based learning slide set and algorithms. We will also publish a supply of printed books including special editions for pediatrics, and primary care as well as the Rome IV questionnaires. Finally we are planning to have several translations of the Rome IV book available within one year of the English publication.

SOME UPDATES INCLUDE:

- We are pleased to announce that the Rome IV articles will appear as a special edition in the journal *Gastroenterology* in early 2016 and the associate editors will be myself and William Hasler, MD. This special issue will be published around the time of the Rome IV book and online book chapters.
- Our industry sponsorship continues to grow and almost all Rome Foundation sponsors have signed on for sponsorship of the Rome IV project. This should provide sufficient funds for us to complete our goals.
- After the successful Rome IV orientation at DDW 2012 the newly appointed chairs and co-chairs of the 16 chapters have begun

continued on page 2

developing their outlines and have selected their committee members which were approved by the RF board in September. We are honored to have some of the very best investigators and clinicians worldwide who will provide their expertise in the creation of these publications.

- *The Support Committees* are working to assist the chapter committees in providing knowledge for their work in 2013 through completion in 2016. The committees include:
 - *Questionnaire Development and Validation* (William Whitehead, chair). This committee is working to ensure that the Rome IV questionnaire accurately reflects the criteria, is translatable into key languages and is will be well validated.
 - *Systematic Review* (Paul Moayyedi, chair). This committee will review the existing body of literature relevant to the chapter committee topics, and provide advance articles to the chapter committees as well as do systematic reviews and meta-analyses until finalization of the documents.
 - *Primary care* (Pali Hungin, Chair). This committee is working to publish an article on the ways primary care physicians understand and apply their knowledge in the care of patients with IBS and other FGIDs. This will help in their second objective: to apply the new Rome IV criteria when produced in a way that is beneficial to primary care physicians and health care extenders. We anticipate this will lead to a book on the Rome IV guidelines for primary care.
 - *Multi-dimensional Clinical Profile* (Doug Drossman, Chair). This new initiative will bring knowledge to clinicians beyond the diagnostic criteria: to provide guidelines about the clinical profile of individual patients that will help in selecting treatment options. The current diagnostic criteria helps to classify patients for research studies. However, it does not capture the full dimensionality of a patient's clinical profile. For example an IBS patient seen in primary care may be treated quite differently from a patient with the same diagnosis seen at a major medical center, the latter having with more severe symptoms, psychological co-morbidities or more severe physiological disturbances. Therefore the multi-dimensional clinical profile will permit an ability to characterize the patient not only in terms of the diagnosis but also in terms of any clinical modifiers (e.g., IBS-C, D, or M), the impact of the condition (mild, moderate or severe), the presence of any psychosocial modifiers, or the degree of physiological dysfunction and biomarkers. This will help to direct the type and degree of treatments.
- The Working Team Committees have or are currently working to produce publication reviews in preselected areas of interest that are needed for the field. They will be used by the chapter committees in their work. The topics include:
 - Severity in Irritable Bowel Syndrome (Drossman DA, Chang L., et al. *Amer. J. Gastroenterology* 2011; 106:1749-1759)
 - Intestinal Microbiota in Functional Bowel Disorders (Simren M. Barbara, G. et al. *Gut* 2012, online)
 - Food/Diet and Functional GI Disorders (Chey W, Tack J et al. ongoing)
 - Asian working team (Gwee, KA, Whitehead WE. Et al. ongoing)
 - Cross cultural and multi-national research (Sperber A, et al. ongoing)

- An important milestone will occur on Friday May 17th 2013 in Orlando when we hold our all day pre-DDW symposium for Rome IV members and sponsors. At this time the working teams and supporting committees will report the results of their activities to the audience. In addition Rome IV industry sponsors will have the opportunity to present scientific data from their companies. This information will be used by the chapter committees in their future work.

OTHER INITIATIVES

- **Rome Foundation – AGA Institute Communication Skills Workshop.** In collaboration with the AGA Institute the Rome Foundation held a communication skills workshop in Chapel Hill, NC on June 8-9. This 1½ day workshop focused on effective medical interviewing, communication techniques and management skills relating primarily to patients with FGIDs. The specific objectives were: 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.). Beginning with content oriented lectures on the FGIDs, the sessions moved to live and video demonstration of communication skills. This was followed by small group sessions and live facilitated interviews where the attendees actively participated to learn effective clinical techniques from experienced facilitators and live simulated patients. The faculty will include Doug Drossman MD, William Chey MD, Lin Chang MD and Albena Halpert MD. **These sessions were videotaped and will soon be available for CME sponsored learning on the Rome Foundation and AGA websites.**
- **Rome Update from DDW.** 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”. The webcast for DDW 2012 is available on the Rome Foundation website http://www.focusmeded.com/special_event/rome2012/index.cfm. **The webcast for 2011 is available at http://www.theromefoundation.org/education/webcast_ddw.cfm.**
- **Sixth Annual Rome Foundation—AGA Institute Lectureship.** In 2008 we launched a “prime time” lectureship at DDW with the goal to have outstanding speakers present on the key areas knowledge as related to the functional GI and motility disorders. Previous topics have included brain and gut neurogenesis, and the role of mucosal immune dysfunction, inflammation and altered permeability in FGIDs among others. For 2013 we will have 2 speakers addressing the theme of “The Role of Food Sensitivities and Microbiota in Functional GI Disorders”. Dr. Kevin Whelan will speak on “Understanding the mechanisms underlying the interaction of food and gut microbiota in FGIDs”, and Dr. Sheila Crowe will speak on “Food sensitivities and food allergies: The clinical perspective”. **The lectures will be held in the Orlando Convention Center. Stay tuned for date and time.**
- **Rome Foundation Associates Program.** Although the Associates program begun only a little over a year ago, it has grown to over

continued on page 4

ROME FOUNDATION BOARD OF DIRECTORS



Douglas A. Drossman, MD
President
Chapel Hill, NC USA



Fernando Azpiroz, MD, PhD
Barcelona, Spain



Lin Chang, MD
Los Angeles, CA USA



William D. Chey, MD
Ann Arbor, MI, USA



John Kellow, MD
New South Wales, Australia



Magnus Simrén MD
Göthenburg, Sweden



Robin Spiller, MD, MSC
Nottingham, England



Jan Tack, MD, PhD
Leuven, Belgium



William E. Whitehead, PhD
Chapel Hill, NC, USA

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

TABLE OF CONTENTS

PROGRAM AND PROJECT UPDATES

PRESIDENT'S REPORT.....	1
EDUCATIONAL COLLABORATION IN CHINA.....	5
ASSOCIATES OF ROME.....	6
COMPREHENSIVE REPORT OF GUT MICROFLORA AND FGIDS PUBLISHED.....	8
RESEARCH PROGRAM AWARDS.....	8
ROME TRANSLATION PROJECT.....	9

MEETING AND EVENTS

ROME FOUNDATION – AGA LECTURESHIP AT DDW 2013.....	10
ROME FOUNDATION AT THE XXXIII PAN AMERICAN CONGRESS OF GASTROENTEROLOGY.....	10
ROME UPDATE FROM DDW 2012.....	11
10TH INTERNATIONAL SYMPOSIUM ON FUNCTIONAL GASTROINTESTINAL DISORDERS.....	11

ANNOUNCEMENTS

WELCOME CLAUDIA ROJAS.....	12
ROME - AGA WORKSHOP UPDATE.....	12
IFFGD UPDATE.....	13
ROME CRITERIA REFERENCE LIST.....	15
IFFGD 2013 RESEARCH AWARDS.....	15

250 associates representing over 55 countries on 6 continents. The Associates are highly represented in academic programs throughout the world. A new initiative to begin later this year is to establish a Rome Foundation Fellowship designation to identify those individuals who have made special effort to help promote the field of functional GI disorders primarily through their committee work in the Rome Foundation.

- **International Expansion in Rome Educational Programs.** We are pleased to announce several activities that are helping us expand our educational programs globally.

- **China.** It is clear that enthusiasm for FGIDs is growing considerably in China. For that reason we have added Dr. Meiyun Ke from Beijing to join our International Liaison Committee to help us develop initiatives in China. Recently, with the support of Dr. Yunsheng Yang, President of the Chinese Gastroenterology Association and Dr. Wenjing Ding, President of the Asia Business Service, The Rome Foundation will have special presentations in October, on Rome IV on Sanyo Island and a symposium highlighting the Rome Foundation Algorithms at Beijing, China. Presenters will be Dr. William Chey, Lin Chang, Doug Drossman Peter Cotton, John Kellow and Ami Sperber. We will also have Rome Foundation booths available at these venues to provide further information for the Chinese gastroenterologists.
- **Eastern Europe.** Dr. Dan Dumitrascu, a member of our International Liaison Committee is President of the organizing committee for the 7th Central European Gastroenterology meeting which was held in Cluj-Napoca, Romania. Rome III books were donated to representatives of the dozen or so Eastern European representatives and to winners of the post contest, and there was a presentation by Dr. Drossman on "Understanding and Managing Patients with Chronic Severe Functional Gastrointestinal Pain. Dr. Dumitrascu has had a major role in bringing the Rome Criteria into the educational curricula of Eastern European medical schools and training programs.
- **Latin America.** Dr. Max Schmulson, chair of the International Liaison Committee has been working with Dr. Isaac Quintero Samudio, President of the XXXIII Pan American Congress of Gastroenterology to have Rome Foundation lectures and a symposium at this meeting in November, 2012. The

symposium, chaired by Drs. Carlos Francisconi will include lectures on: "The Road to Rome IV" (Dr. Doug Drossman, "A global Perspective of FGIDs in Latin America" (Dr. Max Schmulson", Diet and IBS (Dr. Bill Chey) , "Microflora" (Dr. Magnus Simren) and a discussion of two clinical cases by Drs. Cesar Louis and Aurelio Lopez-Colombo. The Rome Foundation was also represented at meeting on FGIDs in Bogota in August , 2012 sponsored by Takeda Pharmaceutical, Latin America.

- **UEGW.** As in prior years the Rome Foundation will be well represented at UEGW in Amsterdam in October thanks to the effort of Drs. Magnus Simren and Jan Tack. Topics will include areas of IBS and other functional GI disorders, the role of microflora, and mucosal inflammation and the importance of the physician- patient relationship.
- **Translations and Licensing.** Thanks to the effort of Dr. Ami Sperber, the translation committee has translated the Rome III diagnostic criteria, and the Rome III Diagnostic Questionnaire into over two dozen languages and several more are in progress. The Rome Diagnostic Algorithms for Common GI Symptoms has been translated into Spanish. This committee has helped expand knowledge of the functional GI disorders internationally. Dr. Sperber is recognized for his research in cross-cultural aspects of FGIDs and in translating and validating research questionnaires into multiple languages. In addition Dr. John Kellow, a member of the Rome Foundation Board and Michele Pickard our scientific administrator have helped to coordinate our growing licensing program for use of Rome questionnaires and criteria in studies and publications. This is a growing source of income for the Foundation.
- It is with the generous support of our 16 industry sponsors that we are able to help fulfill 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.** Also on behalf of the Rome Foundation Board we also want to thank all our members for their hard work and our friends for their interest and support.



JOIN THE ROME FOUNDATION MAILING LIST

Subscribe to our mailing lists to receive The Rome Foundation's quarterly e-newsletter and free e-mail updates on:

- Special Announcements
- Educational product special offers
- News of upcoming events
- Quarterly e-newsletter

Under normal circumstances, emails will be sent no more frequently than once per month. Your information will be kept strictly confidential. We do not share our mailing list with other organizations under any circumstances. This list also helps us serve you better by providing us with valuable information on the visitors on our website.

Complete the form on our website to sign up: www.theromefoundation.org/join_mailing

ROME FOUNDATION (RF) EXPANDS EDUCATIONAL COLLABORATION IN CHINA

BY DOUGLAS A. DROSSMAN, MD AND YUNSHENG YANG, MD

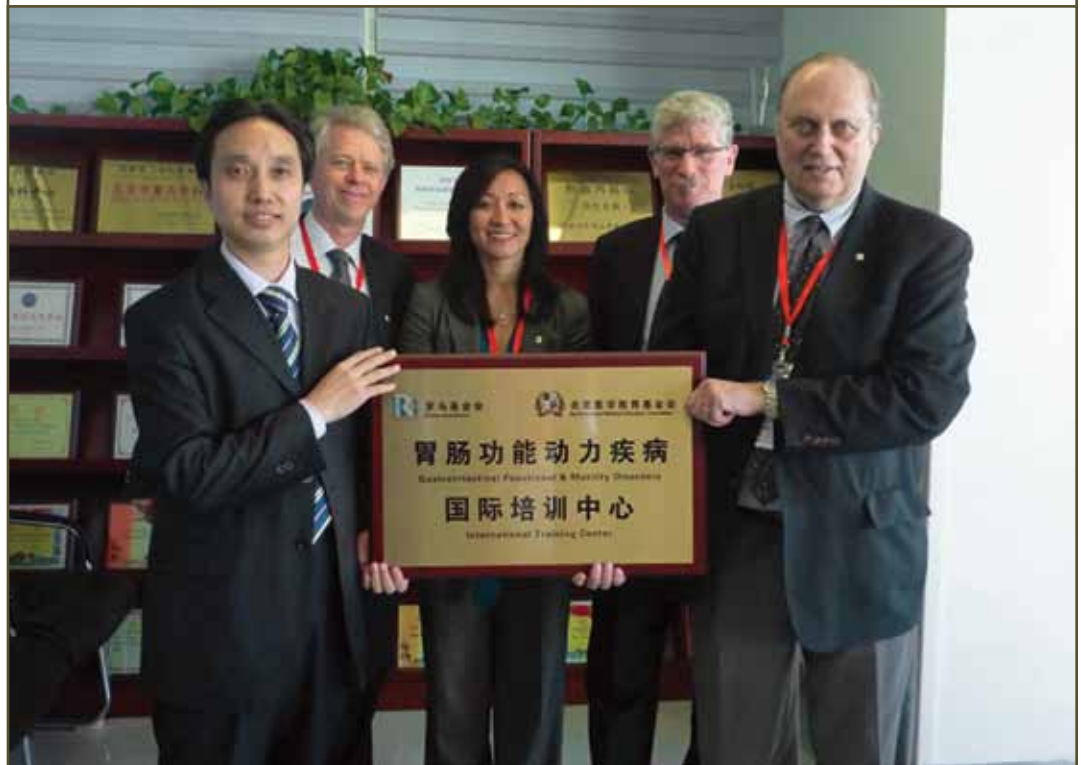
Over the last 2-3 years the Rome Foundation has introduced a major initiative to expand their global educational and research activities including the Rome IV project with Latin America, Eastern Europe and Asia. With regard to Asia, the Rome Foundation is pleased to have Meiyun Ke MD (China) join the International Liaison Group to help promote educational activities and serve as a liaison to the Rome Foundation from this geographical area. In addition, the Rome Foundation has created an Asian Committee for FGIDs (Chair, Kok An Gwee, Singapore, co-chair Bill Whitehead, USA) which is seeking to understand symptoms from the Asian perspective. This information will be incorporated into the Rome IV committee work. A working team committee has also been established to look at cross cultural research (Ami Sperber, chair) which includes members Shin Fukudo (Japan) and Minhu Chen (China). For Rome IV, there will be a chapter on Multi-cultural Aspects of FGIDs (Chair Ami Sperber, Israel, co-chair Carlos Francisconi, Brazil) with Xiucui Fang (China) as a member, and also a Questionnaire committee seeking to validate the Rome IV criteria in several languages (Bill Whitehead, USA Chair) which includes Yunsheng Yang (China).

This year the Rome Foundation has initiated an important program to help provide educational resources to teach functional GI and motility disorders to physicians all over China. In October, 2012 with the assistance of the North American Educational Foundation (NAMEF) directed by Wenjing Ding, MD, members of the Rome Foundation Board (Doug Drossman, USA, Lin Chang USA, and John Kellow, Australia) as well as Rome Member Ami Sperber (Israel) gave presentations on upcoming Rome IV activities at the Festival of Gastroenterology and Endoscopy FGE 2012, Sanya at the Sanya Island and then moved to Beijing to provide an introduction and workshop on the use of the Rome Foundation Diagnostic Algorithms at the FGE 2012 Beijing with Chinese Society of Gastroenterology at the Chinese PLA General Hospital. They were joined by Ceciel Rooker, RF Marketing, Development and Public

Relations who set up booths at both locations to distribute the Rome Foundation Diagnostic Algorithms, newly translated into Chinese by Yunsheng Yang, Lihua Peng and Qiyang Huang.

Dr. Yunsheng Yang, Gastroenterology director at this hospital is also the president-elect of the Chinese Society of Gastroenterology. he has made a commitment to training Chinese gastroenterologists within his facility in the area of FGIDs. Accordingly, in cooperation with NAMEF, the Chinese PLA hospital and the Rome Foundation, an in-house training program will be developed to occur at their new international training center. The groundbreaking ceremony was held at the meeting in Beijing and beginning in 2013 Rome Foundation members will travel to Beijing to provide lectures and workshops in the FGIDs. A planning committee from the Rome Foundation (Lin Chang USA, chair, Douglas Drossman (USA) and Magnus Simren, Sweden) will work with representatives of NAMEF and the Chinese PLA hospital to develop a unique curriculum to help increase greater knowledge of these disorders.

Groundbreaking Ceremony of the Rome Foundation, NAMEF Educational Center at the Chinese PLA General Hospital in Beijing China



Pictured from Left: Yunsheng Yang MD, Director of the Gastroenterology Program at Chinese PLA General Hospital, John Kellow MD (Australia) RF Board member, Lin Chang MD (USA) RF Board member and chair of RF Education Committee, Ami Sperber (Israel), chair of the Cross-cultural Research and Multi-Cultural Aspects of FGIDs committees, Doug Drossman (USA), President of Rome Foundation.



ASSOCIATES OF ROME

277 members from 58 countries are now enjoying the benefits of the Associates of Rome program. Joining is easy (and free). 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. Visit the Rome website for more details.

Lidy A.W. Van Driel-Rooks
The Netherlands

Sayar Abdulkhakov, MD, PhD
Russia

Shahab Abid, PhD
Pakistan

Ademola Aderaju, MD
USA

Bikash Adhikari, MD
Nepal

Peyman Adibi, MD
Iran

Hamid Afshar, MD
Iran

Lars Agreus, MD
Sweden

Furqan Ahmed, MD
Pakistan

Kolawole Akande
Nigeria

Mauricio Alario, MD
Brazil

Julio Alfredo, MD
Colombia

Maysa Alkhateeb
Jordan

Jose Alonso, MD
Colombia

Carlos Alvarez, MD
Colombia

Olindo Alvarez, MD
Colombia

R Ann Hays, MD
USA

Diego Aponte, MD
Colombia

Yolanda Aquilar, MD
Mexico

Ivan Aranguren, MD
Colombia

Martha Arethas, MD
Colombia

Diego Aroute
Colombia

Angel Arteaga, MD
Colombia

Ashish Arvind, MBBS
India

Heidy Arzuzo, MD
Colombia

Florence Aslinia, MD
USA

Luis Asteguieta
Guatemala

Shahin Ayazi, MD
USA

Jaime Azuero, MD
Colombia

Jason Baker, PhD
USA

Abraham Bechara, MD
Colombia

Marshall Bedine, MD
USA

Alvaro Bedoya, MD
Colombia

Abraham Beduara,
Colombia

Marc Beer-Gabel, MD
Israel

Sheila Bell
Scotland

Isabelle Bellefeuille
Spain

Osw Beltran, MD
Colombia

Ignacio Bendek, MD
Colombia

Silvia Bernstein, MD
Argentina

Begawan Bestari, MD
Indonesia

Sanjay Bhat, MD
USA

Christian Boggio Marzet, MD
Argentina

Lena Bohn
Sweden

Doron Boltin, MBBS
Israel

Leonilde Bonfrate, MD
Italy

Serhat Bor
Turkey

Martha Bosas
Colombia

Nashed Botros, MD
USA

Ben Bradenham, MD
USA

Ragnar Breckan, MD
Norway

Olaya Brewer, MD
Colombia

Michael Brown, MD
USA

Michael Butler
UK

Mohammed Butt, MBBS
Qatar

Luis Calacho, MD
Colombia

Rafael Carmona, MD
Colombia

Wilson Caro
Colombia

Dan Carter, MD
Israel

Manuel Ceron, MD
Mexico

Suriya Chakkaphak, MD
Thailand

Jose Chamorro, MD
Colombia

Enrique Chaux
Colombia

Jihong Chen, MD, PhD
China

Pramintra Chitsabesan, PhD
UK

Sonny Chong, FRCPCH
UK

Daniel Chong, MD
USA

Guillermo Contreras, MD
Colombia

Ruben Correa, MD
Colombia

Orla Craig, MD
Ireland

Francisco Cruz, MD
Colombia

Hamed Daghighzadeh, MD
Iran

Philip Daniel Austin
Sweden

Nasser Daryani, PhD
Iran

Enrique de Leom Chaux, MD
Colombia

Giovanni de Vuono Rota
Colombia

Roy Dekel, MD
Israel

Esther Dekel
Israel

Carolina Del Salto, MD
Colombia

Jorge Delgado, MD
Colombia

Debbie Den Boer
USA

Krishnadas Devadas, MD
India

Niranga Devanarayana, MD
Sri Lanka

Ram Dickman, MD
Israel

Wenjing Ding, MD
USA

Thomas DuHamel, PhD
USA

Collin Ellis, PhD
USA

Kadry Elsaheed, PhD
Saudi Arabia

Mohamed Emara, MD
Egypt

Dendi Enjar, MD
Indonesia

Gulin Erdemir, MD
Turkey

Askin Erdogan, MD
Turkey

Ramon Espinosa
Colombia

Lillian Ethapemi
UK

Maria Eugenicos, MD
UK

Basem Eysa
Egypt

Miguel Fabares
Colombia

Brad Ferguson
USA

Christopher Fink, MD
USA

Carla Flik, MD
The Netherlands

Guillermo Florez Contreras
Colombia

Mojgan Forootan, MD
Iran

Yasser Fouad, MD
Egypt

Alejandro Franco, MD
Colombia

Sigifredo Franco, MD
Colombia

Jan Gambino, M Ed
USA

Roopa Gandhi, MD
USA

Carlos Garces
Colombia

Edmundo Garcia, MD
Colombia

Romulo Garnica, MD
Colombia

Bromislava Gedulin, MD, PhD
USA

Charles Gerson, MD
USA

Ali Gholamrezaei, MD
Iran

Fabio Gil
Colombia

Debra Goldstein, MD
USA

Carlos Gonzalez, MD
Colombia

Oscar Gonzalez, MD
Colombia

Jorge Gonzalez, MD
Colombia

Greg Gordon, MD
USA

Hans Graffner, MD
Sweden

Mary Gross
USA

Ivan Guillermo Aranguren
Colombia

Henry Gutierrez, MD
Colombia

Haran Guueli, MD, PhD
Turkey

Shengxi Han, MD
China

Ahmed Hasan, MD
USA

William Hays, MD
USA

Roman Herman
Poland

ROME FOUNDATION WORKING TEAM PUBLISHES COMPREHENSIVE REPORT OF GUT MICROFLORA AND FGIDS

NOW AVAILABLE FOR DOWNLOAD

It is increasingly recognized that gut microbiota alterations may be of relevance for patients with functional bowel disorders. This is supported by the fact that:

- A proportion of these patients have altered gut microbiota composition.
- Small intestinal bacterial overgrowth has been proposed to be of relevance for subgroups of patients with IBS.
- Pro- and antibiotics seem to be effective for subgroups of patients with IBS.

This research field has expanded dramatically during recent years, which has been made possible by the rapid method development with the appearance of non-culture dependent techniques to determine gut microbiota composition. However, this is an area where the relevance of some of the research findings has been heavily debated, and the clinical relevance is not yet determined. Therefore, the Rome Foundation in 2010 initiated a Working Team Committee, "The Role of the Intestinal Microbiota in the Functional Gastrointestinal Disorders", and the work of this group has just been finalized. A summary of the work of this group is available in a recent publication in the "Recent Series in Clinical Practice" series in *Gut*.

Moreover, besides the journal article, a very extensive background document is available as online supplementary material on the Gut website (<http://gut.bmj.com/content/early/2012/07/09/gutjnl-2012-302167.full>).

ROME FOUNDATION RESEARCH PROGRAM

2013 Research Grant Award

Deadline for applications – December 14, 2012

- 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,
 1. Assess the epidemiology of functional GI and motility disorders, or
 2. 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 Disease Week 2013 (DDW)

2013 Ray Clouse Awards for Research Publication in Functional GI and Motility Disorders

Deadline for nominations – March 15, 2013

- Amount of prizes (2) - \$500
- Best Original Research Paper – published January to December 2012: 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 2011: Most frequently cited paper will be identified by Web of Science search engine. The lag between publication (2011) and eligibility (2013) 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 2013 (DDW)

ASSOCIATES OF ROME - continued from page 7

Marconde Silva
Brazil

Marcellus Simadibrata, MD, PhD
Indonesia

Atul Sinha, MD
UK

Bulent Sivri, MD
Turkey

Erin Slater
USA

Johan Snyman, MD
South Africa

Rosa Soares, MD
Brazil

Laura Sole, MD
Argentina

Iggy Soosay
Australia

Christian Speer, MD
USA

Ami Sperber, MD
Israel

Arvind Srinath, MD
USA

Arjun Sugumaran, MRCGP
UK

Karmen Szigelj, MD
Slovenia

Eva Szigethy, MD
USA

Miguel Tabares, MD
Colombia

Ramin Tavafzadeh, MD
Iran

Tehgiz Telia, MD
Georgia

Oscar Teramoto, MD
Mexico

Byron Theron, MD
UK

Kewin Tien Ho, MBBS
Singapore

Elisa Tiomny, MD
Israel

Claudia Tobar, MD
Colombia

Rafael Tojo, MD
Spain

Serkan Torun, MD
Turkey

German Tovar, MD
Colombia

Emily Tucker, MD
UK

Gloria Urquiola, MD
Venezuela

Eduardo Usuy, MD
Brazil

Danilo Valencia, MD
Philippines

Rukiye Vardar, PhD
Turkey

Antonio Vargas, MD
Mexico

Karen Velazquez, MD
Colombia

Jorge Velazquez, MD
Colombia

Angela Walker
UK

Annette Webb, MD
Australia

Wei Wei, PhD
China

Liesbeth Westerik-Verschuuren
The Netherlands

Kee Wook Jung, MD
Korea

John Wyeth, MD
New Zealand

John Wyman, MD
USA

HoXuan Linh, MD
Viet Nam

Mohamed Yasawy
Saudi Arabia

LeeYeong Yeh, MD
Malaysia

Sonia Yoon, MD
USA

Yolanda Zamorano, MD
Mexico

Jasmine Zia, MD
USA

Bader Zuberi, MD
Pakistan



ROME TRANSLATION PROJECT - UPDATE

AMI D. SPERBER, MD, MSPH

CHAIR, ROME FOUNDATION
TRANSLATION PROJECT

Cross-cultural translation is a process which looks at both language and cultural adaptation issues in the process of preparing a study instrument for use in another culture and geographical

region. The challenge is to adapt an instrument so that it retains the meaning and intent of the original instrument (the source language) and is culturally relevant and comprehensible. Thus, the aim is to achieve a "cultural" rather than a "literal" translation into a target language.

"The Rome Translation Project", headed by Dr. Ami Sperber, 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 will be available for use in epidemiologic studies and clinical trials.

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

The translated version will be available free of charge for academicians conducting independent studies that are not funded by pharmaceutical companies or other commercial interests. In the latter case a fee will be charged for its use. In all events a licensing agreement will be signed with the Rome Foundation before the translated version is provided to the investigator. Dr. John Kellow will be in charge of licensing and fee arrangements.

**All adult modules includes Functional Dyspepsia (FD) module, IBS module, Alarm questions, and psychosocial alarm questionnaire.*

***Will be available shortly*

LANGUAGE	ALL ADULT MODULES *	ADULT FD MODULE STAND-ALONE	ADULT IBS MODULE STAND-ALONE	PEDIATRIC	ALARM QUESTIONS	PSYCHOSOCIAL ALARM QUESTIONNAIRE
ARABIC	IN PROGRESS	NO	NO	YES	NO	NO
CHINESE	YES	INCLUDED IN "ALL ADULT MODULE"	INCLUDED IN "ALL ADULT MODULE"	YES	YES	YES
DUTCH	NO	NO	YES	NO	NO	NO
ENGLISH	YES	INCLUDED IN "ALL ADULT MODULE"	INCLUDED IN "ALL ADULT MODULE"	YES	YES	YES
FRENCH	YES	INCLUDED IN "ALL ADULT MODULE"	INCLUDED IN "ALL ADULT MODULE"	NO	YES	YES
GERMAN	YES	INCLUDED IN "ALL ADULT MODULE"	INCLUDED IN "ALL ADULT MODULE"	YES	YES	YES
GREEK	NO	NO	NO	YES	NO	NO
HEBREW	YES**	INCLUDED IN "ALL ADULT MODULE"	INCLUDED IN "ALL ADULT MODULE"	NO	YES	YES
ITALIAN	YES	INCLUDED IN "ALL ADULT MODULE"	INCLUDED IN "ALL ADULT MODULE"	NO	YES	NO
JAPANESE	YES	INCLUDED IN "ALL ADULT MODULE"	INCLUDED IN "ALL ADULT MODULE"	YES	YES	YES
KOREAN	YES	INCLUDED IN "ALL ADULT MODULE"	INCLUDED IN "ALL ADULT MODULE"	NO	NO	NO
MALAY-BAHASA	NO	YES	YES	NO	YES	YES
NORWEGIAN	YES**	NO	YES	YES**	NO	NO
PHILIPINO	NO	NO	NO	IN PROGRESS	NO	NO
PORTUGUESE	NO	YES	TO BE STARTED	NO	NO	NO
ROMANIAN	YES	INCLUDED IN "ALL ADULT MODULE"	INCLUDED IN "ALL ADULT MODULE"	NO	NO	NO
SPANISH	YES	INCLUDED IN "ALL ADULT MODULE"	INCLUDED IN "ALL ADULT MODULE"	YES	YES	YES
SWEDISH	YES	INCLUDED IN "ALL ADULT MODULE"	INCLUDED IN "ALL ADULT MODULE"	YES	NO	YES
THAI	NO	NO	NO	YES	NO	NO
TURKISH	NO	NO	NO	YES	NO	NO

The Rome Foundation/AGA Institute Lectureship at Digestive Disease Week 2013

"The Role of Food Sensitivities and Microbiota in Functional GI Disorders"



Kevin Whelan, PhD
King's College
London

*Understanding the mechanisms
underlying the interaction of food
and gut microbiota in FGIDs*



Sheila Crowe, MD
University of California,
San Diego

*Food sensitivities and food
allergies: The clinical perspective*



DDW 2013
Orlando Florida



Please join the Rome Foundation at the XXXIII Pan American Congress of Gastroenterology in Panama. There will be a Rome Symposium, Rome-Sponsored Lecture and Rome will have a booth in the Exhibit Hall.

Rome Symposium (SAT Nov 10th, 8:00 AM to 10:00 AM)

Chairs Carlos Francisconi, Brazil & Doug Drossman, USA

- The Road to Rome IV with Doug Drossman, USA
- A global perspective of FGIDs in Latin America with Max Schmulson, Mexico
- Diet and IBS with Bill Chey, USA
- Microflora with Magnus Simren, Sweden
- Update on constipation: Issues for Rome IV with Bill Chey, USA

Rome Lecture-Plenary Session

Newer understanding of Neurogenesis for the treatment of severe refractory pain with
Doug Drossman, USA



**XXXIII CONGRESO
PANAMERICANO DE
GASTROENTEROLOGIA 2012**

ATLAPA Convention Center
Panama City, Panama
November 7-10, 2012

THE ROME UPDATE FROM DDW 2012



Functional gastrointestinal disorders (FGIDs) are a large, heterogeneous group of digestive disorders linked only by the fact that the underlying pathophysiology of disease is unknown. The diagnosis and management of these disorders in real world clinical practice is often challenging. At Digestive Disease Week 2012, one of the premier international meetings in gastroenterology, well over 200 abstracts were presented describing the most recent advances in the diagnosis and management of FGIDs. In this program, we have selected the top abstracts to analyze and interpret for the broader clinician audience.

Please visit the Rome website, www.thereomfoundation.org, to view the webcast of the discussion.

10TH INTERNATIONAL SYMPOSIUM ON FUNCTIONAL GASTROINTESTINAL DISORDERS

April 12 – 14, 2013
Pfister Hotel
Milwaukee, Wisconsin

For further information:
 Elisabeth Vink
 IFFGD
 Phone: 414-964-1799
 E-mail: symposium@iffgd.org

Terese Bailey
 OCPD in Medicine and Public Health
 Phone: 608-240-2141
 E-mail: tmbailey@ocpd.wisc.edu

This CME accredited symposium will be held April 12-14, 2013, at the Pfister Hotel, Milwaukee, Wisconsin. It is jointly sponsored by the University of Wisconsin School of Medicine and Public Health, Office of Continuing Professional Development in Medicine and Public Health, and the International Foundation for Functional Gastrointestinal Disorders. A global audience of clinicians and investigators will exchange information on the latest advancements in functional gastrointestinal and motility disorders. The symposium will offer a format of plenary sessions, interactive workshops and mini symposia on both adult and pediatric disorders - from basic science to clinical applications.



WELCOME CLAUDIA ROJAS

We are pleased to welcome Ms. Claudia Rojas to the Rome Foundation as our newest administrator. Ms. Rojas is originally from Bogota, Colombia and has enjoyed a career in the hospitality and marketing industries. She has a heart for the Hispanic community and is currently working at the University of North Carolina in Chapel Hill through a program called CELAH (Center for Latino Health), which she helped develop with Douglas Morgan MD, Director.

She will serve as the translator for Rome materials into Spanish, assist with communications and membership programs (especially as they relate to the Hispanic community), and provide meeting support for Rome meetings, trade shows and exhibits.

PLEASE JOIN US IN WELCOMING CLAUDIA TO ROME!

ROME FOUNDATION – AGA INSTITUTE COMMUNICATION SKILLS WORKSHOP:

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

JUNE 8-9, 2012
CHAPEL HILL, NC

The Rome Foundation, in collaboration with the AGA Institute, held a one and ½ day clinical skills workshop, Improving the Medical Interview and the Physician Patient Relationship with Patients Having Functional GI Disorders at the Siena Hotel in Chapel Hill, North Carolina on June 8-9, 2012. The goal of this workshop was to help clinicians enhance their communication skills and optimize their interactions with patients having IBS and other functional GI disorders. This workshop was led by Douglas A. Drossman MD, president of the Rome Foundation; Lin Chang, MD; William D. Chey, MD and Albenia Halpert, MD.

The workshop was attended by gastroenterologists, pediatricians, physician assistants as well as representatives from the pharmaceutical community. The agenda included content lectures on pathophysiology, diagnosis, treatment and management of functional GI disorders, situational role plays, trigger-tape videos as well as small group sessions where participants were given the opportunity to experience the skills they had learned.

The specific learning objectives were:

- To understand the pathophysiological, diagnostic and treatment aspects of patients with IBS and other FGIDs
- To understand how to conduct a patient-centered biopsychosocial interview that optimizes time and enhances the patient-doctor relationship. This will include: active listening, establishing rapport, setting the agenda, learning verbal and non-verbal communication techniques, emotional handling, and learning to validate, negotiate, and problem solve issues with patients
- To learn cross cultural differences in communication and apply methods to obtain more effective interactions.
- To learn how to manage “difficult” clinical situations (e.g., anger, dependency, clinical uncertainty, emotional distress, reports of abuse, etc.)



AGA INSTITUTE
AGA Education, Practice and Research



PATIENT PERSPECTIVE: AN UPDATE FROM THE INTERNATIONAL FOUNDATION FOR FUNCTIONAL GASTROINTESTINAL DISORDERS (IFFGD)



By: William F. Norton
Vice President and Co-founder

IFFGD activities continue to include awareness, advocacy, education, and research efforts. We are active in making our voices heard and the needs of our community known.

Education and Research

We have extended the deadline to October 29, 2012 for receipt of applications for IFFGD Research Awards. If you or someone you know is currently active in investigating functional GI or motility disorders, we invite you to submit an application.

Awards will be given to active investigators in six categories who have a record of research interest in basic mechanisms or clinical aspects of functional gastrointestinal and motility disorders, and neurogastroenterology. These awards of \$7,500 each are intended to encourage the participation of clinicians and scientists in multidisciplinary efforts aimed at advancing the understanding of these basic mechanisms and clinical aspects in adults and in children.

Award recipients will be recognized at IFFGD's 10th International Symposium on Functional GI Disorders to be held in April 2013 in Milwaukee, WI.

More information about the 2013 IFFGD Research Awards, including guidelines and application form, can be found on our web page at www.giresearch.org/awards.

We will be hosting the 10th International Symposium on Functional Gastrointestinal Disorders on April 12–14, 2013 at the Pfister Hotel in Milwaukee, WI. The meeting will again be jointly sponsored by the University of Wisconsin School of Medicine and Public Health, Office of Continuing Professional Development, and IFFGD. We look forward to seeing many of you there. Find details and registration information at www.iffgd.org/symposium.

Awareness and Advocacy

We continue to actively focus on legislative and federal funding issues. IFFGD and digestive health advocates have been busy on Capitol Hill this summer.

For the second time, IFFGD testified on June 6, 2012 before the Senate Appropriations Subcommittee on Defense on the issue of functional GI disorders and their impact on military personnel. We asked for support of the Gulf War Illness Research Program, explaining the need to help

the high number of veterans returning with functional GI disorders. The Gulf War Illness Research Program, through the DOD Peer-Reviewed Medical Research Program, includes "functional GI disorders" on the list of conditions eligible for study.

On June 19th and 20th advocates from across the country gathered in the nation's capital for our 2012 Advocacy Day event to educate Members of Congress about the needs of the functional gastrointestinal and motility disorders community. We visited nearly 40 House and Senate offices to urge support for a legislative agenda focused on bolstering research into functional gastrointestinal and motility disorders and improving patient care. The digestive health advocates represented many different disorders. They shared their personal stories in urging Members of Congress to take action on 3 specific and critical issues aimed at expanding and supporting the research portfolio.

On June 20th we held a briefing for congressional staff members where many more offices also learned about functional GI and motility disorders. The briefing featured testimony from Albenia Halpert, M.D. and two patients living with digestive conditions. We described the widespread and complex nature of these disorders, their social and economic costs, the lack of satisfactory treatments, and the need for expanded research.

Please add your voice. You can tell your story and ask your House Member to support the **Functional Gastrointestinal and Motility Disorders Research Enhancement Act of 2011 (H.R. 2239)** by going to our web page at www.iffgd.org/2239action. It only takes a minute or two to make a big difference.

In the 16 months since its introduction, nearly 1,000 digestive health advocates from across the U.S. have reached out to their Representative in support of The Functional Gastrointestinal and Motility Disorders Research Enhancement Act. Like over 90% of all bills introduced, it did not become law during its first Congress (112th). We will work to reintroduce the Act in the 113th Congress and will need your help to make it law.

Thank you all for your continued support of IFFGD, and your work on behalf of patients.

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.

Books reduced to 50%

Be sure to get your copy at the Rome booth (#601) at DDW in Orlando, FL

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



COPYRIGHT AND LICENSING

All Rome Foundation materials are protected under copyright. Please contact Michele Pickard (mpickard@theromefoundation.org) for more information on licensing agreements.

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

1: Chang FY, Chen PH, Wu TC, Pan WH, Chang HY, Wu SJ, Yeh NH, Tang RB, Wu L, James FE. Prevalence of functional gastrointestinal disorders in Taiwan: questionnaire-based survey for adults based on the Rome III criteria. *Asia Pac J Clin Nutr*. 2012;21(4):594-600. PubMed PMID: 23017318.

2: Rajindrajith S, Devanarayana NM. Subtypes and Symptomatology of Irritable Bowel Syndrome in Children and Adolescents: A School-based Survey Using Rome III Criteria. *J Neurogastroenterol Motil*. 2012 Jul;18(3):298-304. Epub 2012 Jul 10. PubMed PMID: 22837878; PubMed Central PMCID: PMC3400818.

3: Burgers R, Levin AD, Di Lorenzo C, Dijkgraaf MG, Benninga MA. Functional Defecation Disorders in Children: Comparing the Rome II with the Rome III Criteria. *J Pediatr*. 2012 Oct;161(4):615-620.e1. doi: 10.1016/j.jpeds.2012.03.060. Epub 2012 May 11. PubMed PMID: 22578584.

4: Ishihara S, Yashima K, Kushiyama Y, Izumi A, Kawashima K, Fujishiro H, Kojo H, Komazawa Y, Hamamoto T, Yamamoto T, Sasaki Y, Shimizu T, Okamoto E, Yoshimura T, Furuta K, Noguchi N, Tanaka H, Murawaki Y, Kinoshita Y. Prevalence of organic colonic lesions in patients meeting Rome III criteria for diagnosis

of IBS: a prospective multi-center study utilizing colonoscopy. *J Gastroenterol*. 2012 Mar 30. [Epub ahead of print] PubMed PMID: 22460220.

5: Engsbro AL, Simrén M, Bytzer P. The Rome II and Rome III criteria identify the same subtype-populations in irritable bowel syndrome: agreement depends on the method used for symptom report. *Neurogastroenterol Motil*. 2012 Jul;24(7):604-11, e266. doi: 10.1111/j.1365-2982.2012.01908.x. Epub 2012 Mar 16. PubMed PMID: 22420629.

6: Devanarayana NM, Rajindrajith S, Rathnamalala N, Samaraweera S, Benninga MA. Delayed gastric emptying rates and impaired antral motility in children fulfilling Rome III criteria for functional abdominal pain. *Neurogastroenterol Motil*. 2012 May;24(5):420-5, e207. doi: 10.1111/j.1365-2982.2011.01871.x. Epub 2012 Jan 25. PubMed PMID: 22273006.

7: Tam YH, Li AM, So HK, Shit KY, Pang KK, Wong YS, Tsui SY, Mou JW, Chan KW, Lee KH. Socioenvironmental factors associated with constipation in Hong Kong children and Rome III criteria. *J Pediatr Gastroenterol Nutr*. 2012 Jul;55(1):56-61. PubMed PMID: 22197949.

IFFGD IS SEEKING APPLICATIONS FOR 2013 RESEARCH AWARDS

The International Foundation for Functional Gastrointestinal Disorders is seeking applications and nominations for research awards. The awards will be offered to active investigators in six categories who have a record of research interest in basic mechanisms or clinical aspects of functional gastrointestinal and motility disorders, and neurogastroenterology. These awards of \$7,500 each are intended to encourage the participation of clinicians and scientists in multidisciplinary efforts aimed at advancing the understanding of these basic mechanisms and clinical aspects in adults and in children.

Individuals selected for awards will be recognized at IFFGD's 10th International Symposium for Functional GI Disorders to be held in Milwaukee, WI on April 12-14, 2013.

THE DEADLINE FOR RECEIPT OF APPLICATIONS IS OCTOBER 29, 2012.

For details visit: www.giresearch.org/awards.

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



VISIT US ON
THE WEB AT

www.theromefoundation.org

ROME FOUNDATION ADMINISTRATION

Executive Director

William N. Hilliard, Jr.
Raleigh, NC

Public Relations

Ceciel Rooker
Chapel Hill, NC

Administrator

Michele Pickard
Chapel Hill, NC

Administrative Assistant for Public Relations

Sarah Barrett
Chapel Hill, NC

Medical Illustrator

Jerry Schoendorf
Chapel Hill, NC

Website/Newsletter Design

Ceara Owre
Chapel Hill, NC

Trade Show Manager

Jamie DuMont
Charleston, SC

Administrator

Claudia Rojas
Chapel Hill, NC

Rome Foundation ■ PO Box 6524 ■ Raleigh, NC 27628
Phone – (919)787-5859 ■ Fax – (919)900-7646

SPONSORS

ALMIRALL S.A.

ASTELLAS PHARMA, INC.

ASTRAZENECA PHARMACEUTICALS, LP

DANONE GROUPE

FOREST LABORATORIES, INC.

FURIEX PHARMACEUTICALS, INC.

IRONWOOD PHARMACEUTICALS, INC.

LEXICON PHARMACEUTICALS, INC.

PROMETHEUS LABS

QUINTILES, INC.

SALIX PHARMACEUTICALS, LTD.

SHIRE USA PHARMACEUTICALS, INC.

SUCAMPO PHARMACEUTICALS

TAKEDA PHARMACEUTICALS USA, INC.

ZERIA PHARMACEUTICALS CO., LTD.



ROME FOUNDATION