



ROME FOUNDATION REPORTER

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Rome Foundation Newsletter



PRESIDENT'S REPORT

Douglas A. Drossman, MD
President, Rome Foundation
September, 2016

Dear Rome Foundation Members, Friends and Sponsors,

We had a very active spring and fall as we launched the Rome IV books and materials at numerous conferences and symposia around the world. I'm pleased to report that Rome IV was met with excitement at all these events. We look forward to welcoming clinicians, researchers and other interested healthcare professionals and sharing with them the Rome's philosophy, methods and values at upcoming events in fall 2016 and spring 2017. All the Rome staff and dedicated committees are engaged in fulfilling our mission to improve the lives of people with functional GI disorders during the rollout of the Rome Foundation's latest endeavor. It is with great pride that I offer this summary of some of their work.

ROME IV LAUNCH INITIATIVE

The Rome IV Launch Committee chaired by William Chey, MD, continues to expand its outreach to clinicians across the world with many GI conferences, meetings and symposia to educate practitioners in the use of Rome IV diagnostic criteria and materials planned for 2017. We began the Rome IV launch at Digestive Disease Week 2016 (DDW 2016) with two highly-attended and successful launch events that introduced participants to the wide variety of Rome IV offerings. At the conference, I had a chance to sit down with Adam Marcus of Gastroenterology & Endoscopy News to discuss the new Rome IV guidelines. Those interested may access the interview at www.theromefoundation.org/rome-iv/rome-iv-launch/. Please have a look and enjoy this brief and informative overview of Rome IV.

In September, we held Rome IV launch events at the Pan American Digestive Disease Week in Colombia and the Approach

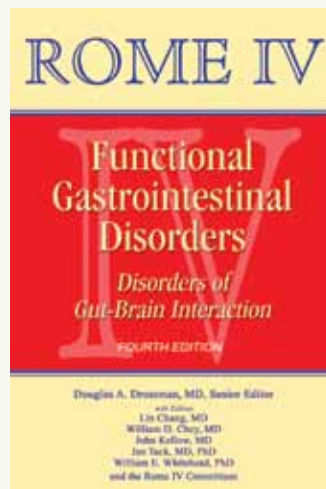
to the Patient with Chronic Gastrointestinal Disorders symposia in Rome, Italy. These were very successful events filled with enthusiastic responses and feedback. This month we will also hold events at American College of Gastroenterology's Annual Scientific Meeting 2016 in Nevada (October 14-16) and United European Gastroenterology Week 2016 in Austria (October 15-19). If you're available, please join us for one of these events to learn more about the newest Rome criteria. We'd love to see you there.

VISITING PROFESSORSHIP AND LECTURESHIP PROGRAM

We have had another very successful year implementing our newest program, the Visiting Professorship and Lectureship. We continue to expand this partnership into many countries around the world. Over the past two years we have awarded more than 25 grants and hope to broaden this effort to reach more clinicians and health care providers from around the world. We are currently accepting applications and encourage you to apply. For more information and to apply online please visit our website at www.theromefoundation.org/programs-projects/education-program/international-program-for-visiting-professorships-and-lectureships/.

GLOBAL EPIDEMIOLOGY STUDY

The global epidemiology study under the direction of Ami Sperber, MD continues to move forward and is expected to be completed in 2018. The executive committee composed of prime investigators in their respective countries, is currently finalizing the questionnaire validation and preparing for subsequent translations of this instrument into multiple languages. In early 2017, they will begin to administer the questionnaire and start the valuable data collection from over 50,000 individuals with FGIDs in more than 25 countries. This effort will include data collection through online access to the questionnaire as well as by door-to-door research assistants. The study information will contain not only the Rome IV questionnaire but other meaningful information relating to sociocultural behaviors and perceptions that may lead to cross cultural differences in symptom reporting. This material will lead to countless publications, and the data base will be accessible to our industry sponsors. If your company



continued on page 2

is interested in participating in this exciting adventure as a sponsor, please contact our office.

THE ROME IV EDUCATIONAL PRODUCTS

After years of planning and collaborating with many specialists from all around the globe, we are pleased to be able to offer the complete and final version of Rome IV with its many features. In addition to the Rome IV books now available, we have also finalized the Rome IV Slide Sets, the product of a multi-year effort by international clinicians and investigators to cover the entire field of functional GI disorders. Outlined below are the Rome IV educational products, including our slide sets, that are now available for purchase through our online store. Please visit www.romeonline.org to order.

Beginning with an update from the last publication or Rome Criteria 10 years ago, comes the fourth edition of our overview and diagnostic criteria for FGIDs, ***Rome IV Functional Gastrointestinal Disorders – Disorders of Gut-Brain Interaction***. With several new chapters, updates in pathophysiology and new diagnostic and treatment recommendations, Rome IV is sure to become a valuable asset to all those investigating and treating FGIDs thoroughly and sensibly.

In addition to the main text, there are 5 additional books: ***Rome IV Multidimensional Clinical Profile for Functional Gastrointestinal Disorders (MDCP)*** is the second edition of our unique case-based learning module for putting the Rome approach to FGIDs care into practice. Using a multicomponent approach to treatment that takes into consideration not just the diagnosis, but also meaningful clinical subset information, the impact of the disorder, psychosocial comorbidities and physiological features including biomarkers, the MDCP highlights the value of a case-based approaches to understanding FGIDs and their presentation in patients. Rome IV's version offers more than double the number of cases than the first edition.

Rome IV Diagnostic Algorithms for Common GI Symptoms is the second edition of our useful algorithmic approach to evaluating common GI symptoms. It is designed to aid clinicians by guiding them through a logical pathway to diagnosis. It features new sets presenting symptoms and also algorithms for pediatric patients.

Rome IV Functional Gastrointestinal Disorders for Primary Care and Non-GI Clinicians (NEW!) provides access to Rome IV information to primary care physicians on the front lines of clinical care as well as other non-gastroenterological clinicians. In this new volume, the Rome Foundation

philosophy and approach to FGIDs is modified to provide more concise information to the busy non-specialist doctor.

Rome IV Pediatric Functional Gastrointestinal Disorders – Disorders of Gut-Brain Interaction (NEW!) provides in one volume all the information needed to help clinicians navigate the difficult diagnostic conditions presented by young patients and their families. The book contains the Rome IV clinical chapters, pediatric diagnostic algorithms and appropriate MDCP cases as well as questionnaires and criteria for the diagnosis of the youngest patients.

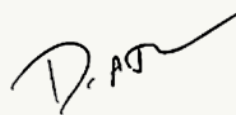
Rome IV Diagnostic Questionnaires and Tables for Investigators and Clinicians (NEW!) provides the framework for further epidemiological and clinical research on FGIDs according to the Rome IV criteria.

Rome IV Slide Sets provide unique learning and information dissemination tools for researchers and clinicians engaging with the Rome IV criteria. Both a comprehensive ***Rome IV Slide Set***, and one tailored to our case study approach, ***the Rome IV MDCP Slide Set*** are now available

ROME ADMINISTRATION

As we wind down with the production of Rome IV, we have seen some changes in the structure of our administrative staff. As of August 2016, Ceciel Rooker has been appointed the Executive Director of the Rome Foundation. We are pleased to retain her skills and institutional knowledge as we embark on our next projects. Former Executive Director, Wink Hilliard, will continue to work with Rome as our new Director of Finance. We look forward to working with both of them in their new roles. Michele Pickard who has been with us since 2009 and has been instrumental in Rome's Copyright and Licensing initiative is leaving the Rome Foundation to assume a position with another organization. We thank her for her years of service with us and wish her the best of luck in the future. We have also welcomed Diane Austin as the new Executive Assistant to the President. She comes to us with over 20 years of working as a paralegal with extensive legal research experience. In addition to her duties as the executive assistant, she'll be taking over the Copyright and Licensing role from Michele. Please join us in welcoming her to the Rome Foundation team.

It's been a whirlwind of a year as we've traveled the world sharing the news of Rome IV with the GI community. We would like to thank everyone who came to our events, visited our booths, and showed interest in The Rome Foundation's work. Thank you for your continued support of our mission, and for your work in improving the lives of patients everywhere.



Douglas A. Drossman, MD
President, Rome Foundation

ROME FOUNDATION BOARD OF DIRECTORS



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



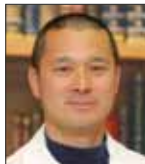
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Göteborg, Sweden



Ami Sperber, MD
Beer-Sheva, Israel



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.”

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MEETING AND EVENTS

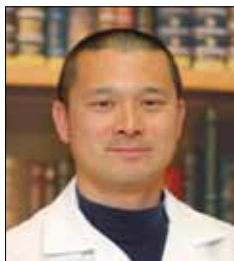
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ALL ROADS LEAD TO ROME

Reports from the Rome IV Launch Committee and Rome Visiting Professor Program



William D. Chey, MD, FACG, AGAF, FACP, RFF
Timothy T. Nostrant Collegiate Professor of GI & Nutrition Sciences
Director – Digestive Disorders Nutrition & Lifestyle Program
Medical Director – Michigan Bowel Control Program
University of Michigan Health System

The release of the Rome IV criteria in May 2016 marked the completion of researching, synthesizing, and preparing the documents that will guide the diagnosis of the functional GI disorders for the foreseeable future. However, finishing this chapter does not complete the book on the Rome IV process. As Rome IV turns the page, the Foundation's attention is now focused on dissemination and education. The Rome IV Launch Committee and Rome Visiting Professor & Lectureship programs are two of the primary mechanisms that will help the Foundation to deliver information about the pathogenesis, diagnosis and treatment of FGIDs to health care providers and scientists all over the world. For inquiries and questions, please contact Emily Taylor at emily@theromefoundation.org.

The Rome IV Launch committee has been busy helping to coordinate and organize symposia at GI meetings across

the globe. In addition to the Rome Foundation symposium and an evening satellite symposium at DDW in San Diego, the Foundation has participated in symposia to introduce the Rome IV criteria in China, Uruguay, Brazil, and most recently, the FMN meetings in San Francisco. In the coming months, Foundation representatives will be educating health care providers in Columbia, Italy, Mexico, Japan, as well as at the ACG meeting in the US and UEGW in Austria about the Rome IV criteria.

The Rome Foundation Visiting Professor & Lectureship programs have enjoyed another successful year. Over the past 2 years, the committee has awarded 25 grants to Universities and Health Systems around the world resulting in 48 lectures which have reached over 1200 physicians, fellows, residents, medical students and allied health personnel. The feedback from learners



DOUGLAS DROSSMAN, CARLOS FRANCISCONI, MARIA HELENA FRANCISCONI, AND BILL CHEY AT THE AT THE NGM MEETING GRAMADO, BRAZIL. THIS EVENT IS PART OF THE ROME IV LAUNCH PROGRAM.



PICTURE OF ENTRANCE TO NGM MEETING IN GRAMADO, BRAZIL. THIS EVENT IS PART OF THE ROME IV LAUNCH PROGRAM.

has been overwhelmingly positive with an impressive 4.9 out of 5 rating on exit surveys. Applications for this program are accepted throughout the year and are reviewed and grants awarded quarterly. Further information about the program including how to apply can be found at the following link: www.theromefoundation.org/programs-projects/education-program/international-program-for-visiting-professorships-and-lectureships/

We encourage meeting planners for GI CME courses, local GI society meetings, and grand round programs to consider applying for these programs. If you have questions about eligibility, how to apply, or the grant funding process, please contact Emily Taylor at emily@theromefoundation.org.



JOHN KELLOW AT THE IBS ALL STARS MEETING AT MONASH UNIVERSITY IN MELBOURNE, AUSTRALIA - VISITING PROFESSOR PROGRAM

Uruguay NGM Meeting

A Visiting Professor and Lectureship update from Uruguay



The Gastroenterology Department of the National School of Medicine (Universidad de la República, Montevideo, Uruguay), led by Professor Henry Cohen, conducted its annual course on the 11 and 12 of August. On this occasion the general topic was “From Rome IV to Montevideo: What is new in functional GI disorders”, emphasizing Rome IV contributions. Coordinated by Drs. Natalie Nabón, Ximena Pazos and Carolina Olano and with an audience of gastroenterologists, residents and young physicians, the course included lectures, round tables and clinical discussions.

Dr. Ami Sperber, Professor of Medicine at the Faculty of Health Sciences of Ben-Gurion University of the Negev, Israel and Chairman of the Rome Foundation IBS Global Study, participated in the event thanks to the “Rome

Foundation Visiting Professorship Program”. Dr Sperber gave lectures on Rome IV local, regional and global implementation, Multi-dimensional clinical profile and clinical diagnostic algorithms. He not only demonstrated his known expertise, but was also open to the local colleagues concerns and participated in interesting discussions with the other guests (Profs. Eamonn Quigley, Max Schmulson and Luis Bustos Fernandez).

The contribution of Rome Foundation through its Visiting Professorship Program, was critical to achieving the obtained success.

Photo (left to right): Luis Bustos Fernandez (Argentina), Carolina Olano (Uruguay), Max Schmulson (Mexico), Ami Sperber (Israel), Henry Cohen (Uruguay)

A Rome Foundation Global Epidemiology Study of FGIDs

by Ami D. Sperber, MD, MSPH

BACKGROUND:

In 2013 the Rome Foundation established a global epidemiology FGID study executive committee composed of leaders in the field from around the world including an expert in biostatistics and research methodology and an expert in questionnaire development and database handling (Figure 1).

The concept was to have a protocol in place for a global epidemiology study in anticipation of the publication of the new Rome IV diagnostic criteria and the Rome IV diagnostic questionnaire in May 2016.

Achieving a clear picture of the epidemiology of FGIDs is very problematic, as discussed in detail in the recent Rome Foundation working team paper published in Gut (Sperber et al. The global prevalence of IBS in adults remains elusive due to the heterogeneity of studies: a Rome Foundation working team literature review. 2016 (E-pub ahead of publication).

AIMS:

The aims of the present study are to:

- To conduct a Rome Foundation-sponsored multinational, collaborative global study of the epidemiology of FGIDs using the Rome IV questionnaire.
- Determine and compare prevalence rates for the FGIDs by country, region, and globally.
- Assess potential predictors of prevalence rates in these settings (see study questionnaire below).

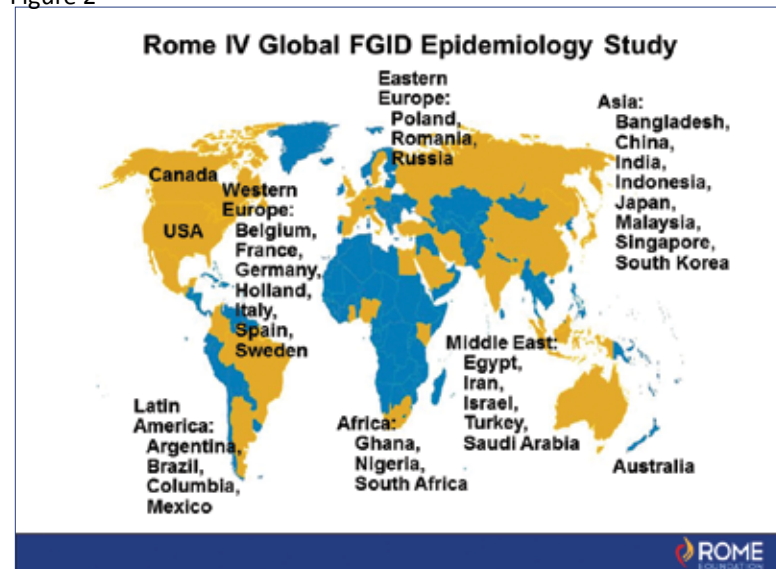
To date the executive committee has:

- Planned the overall study design and protocol.
- Completed the study questionnaire.
- Determined the countries to be included in the study.
- Recruited leading gastroenterologists from around the world to serve as country PIs.

Figure 1



Figure 2



PARTICIPATING COUNTRIES:

The global study will include 34 countries as shown in Figure 2. It will be conducted as an Internet survey in 24 countries and as a household survey in 8 countries. It will be conducted using both Internet and household surveys in China and Mexico.

STUDY QUESTIONNAIRE:

The study questionnaire will consist of:

- Rome IV diagnostic questionnaire
- Global study supplementary questionnaire
 - Socio-demographics
 - Co-morbid symptoms and conditions
 - Living conditions in childhood and at the present
 - Medical and health history
 - Previous GI infections
 - Medications
 - Psychosocial
 - Diet
 - Quality of life
- Additional country-specific questions as determined by the country PIs

STUDY TIMELINE:

The overall timeline for the study is shown in Figure 3. We expect to complete the translations by early 2017 when the survey itself will begin. The survey is expected to take up from 6-12 months after which we will enter the analyses and publication phases.

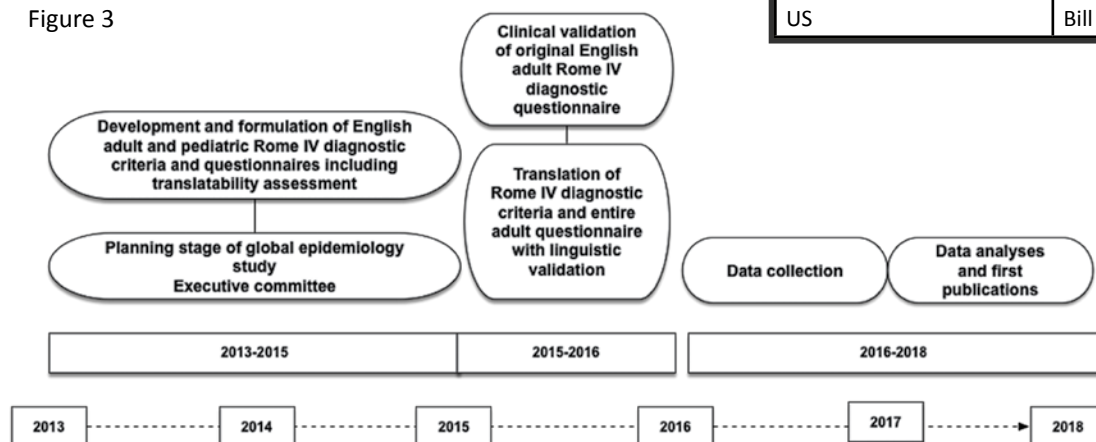
ANTICIPATED OUTCOMES:

- A clearer picture of the global epidemiology of FGIDs, using uniform and appropriate cross-cultural research methodology.
- Enhanced understanding of FGID pathophysiology.
- Publication of the study results at the local, regional, and global levels.
- Validation of the new Rome IV diagnostic criteria
- Validated translations of the Rome IV questionnaires into multiple languages that can be used in future academic and commercial research on FGIDs.

COUNTRY PRINCIPAL INVESTIGATORS:

COUNTRY	PRINCIPAL INVESTIGATOR
Argentina	Luis Bustos-Fernandez
Australia	John Kellow
Bangladesh	Masudur Rahaman
Belgium	Jan Tack
Brazil	Carlos Francisci
Canada	Oli Palsson
China	Xiucan Fang
Colombia	Albis Hani
Egypt	Abdel Maguid Kassem
France	Bruno Bonaz
Germany	Viola Andresen
Ghana	Timothy Achampong
Holland	Marc Benninga
India	Uday Ghoshal
Indonesia	Ari Fahrial Syam
Iran	Peyman Adibi
Israel	Ami Sperber
Italy	Enrico Corazzari
Japan	Shin Fukudo
Malaysia	Justin Lee
Mexico	Max Schmulson
Nigeria	Edith Okeke
Poland	Agata Mulak
Russia	Dan Dumitrascu
Saudi Arabia	Leonid Lazebnik
Singapore	Reuben Wong
South Africa	Sandie Thomson
South Korea	Suck-Che Choi
Spain	Javier Santos
Sweden	Magnus Simren
Turkey	Serhat Bor
UK	Peter Whorwell
US	Bill Whitehead

Figure 3



ROME FOUNDATION INTERNATIONAL PROGRAM FOR VISITING PROFESSORSHIP AND LECTURESHIPS

The Rome Foundation's visiting professorship (usually 2-3 days) and lectureship (1-2 days) program was created to improve knowledge on functional GI disorders. Speakers are internationally recognized in their areas of expertise, and selection is based on matching selected topics with the speakers. Where there is interest in hearing the latest on functional GI and motility disorders, we invite all medical centers, academic programs, community hospital programs and "gut clubs" to apply.

SELECTION COMMITTEE

William D. Chey, MD, Co-Chair (USA)
Jan Tack, MD PhD, Co-Chair (Belgium)

Magnus Simrén, MD PhD (Sweden)
Douglas A. Drossman, MD (USA)



ADDRESSING CRITICAL NEEDS IN FUNCTIONAL GI AND MOTILITY DISORDERS (FGIDs)

- Over the last 10-15 years, the FGIDs have become a major research area within gastroenterology due to technological advances and growing knowledge related to mucosal immune dysfunction, bacterial flora, braingut interactions and newer treatments.
- The FGIDs are the most common GI disorders seen by gastroenterologists and primary care physicians, yet medical school curricula and post graduate training are unable to keep up with advancing knowledge in their diagnosis and treatment.
- Educators possessing the knowledge needed to teach the research and clinical care are limited to a small number of clinical experts who are concentrated at major medical centers.
- The numbers of visiting professorships are diminishing due to increasingly rigorous guidelines that limit industry from supporting such activities. As a result current educational programs may be restricted to local or regional speakers who may not be as up to date on newer content areas.

RATIONALE

- As an academic organization that develops educational materials (e.g., Rome III book, slide sets, research questionnaires, video training, workshops) for the FGIDs, the Rome Foundation is in an ideal position to take responsibility for programs to teach clinicians and trainees.
- The members of the Rome Foundation are selected for their expert knowledge and are the key opinion leaders in research and clinical care of the FGIDs.
- Because the Rome Foundation members develop the research agenda and the clinical guidelines for these disorders, they are highly capable of developing a curriculum for learners that includes the most up to date knowledge as well as current and soon to be developed recommendations for patient care.
- As an international non-profit academic organization with high credibility in the field, Rome Foundation sponsored visiting professorships fill the gap in knowledge of functional GI disorders in the academic and practice community.
- The proposed multi-sponsored programs are not subject to the restrictions on content imposed upon promotional talks. As such, these programs provide a true state of the art update by the world's leading experts on FGIDs.
- Due to its international structure, the Rome Foundation provides visiting professorships and other educational programs on a global level.

VISITING PROFESSORSHIP AND LECTURESHIP

WE HAVE DEVELOPED A SERIES OF VISITING PROFESSORSHIPS AND LECTURES FOLLOWING TWO MODELS:

THE ROME FOUNDATION VISITING PROFESSORSHIP

Top tier investigators and clinicians within the Foundation visit an academic medical center for a period of 1-3 days to provide a variety of activities: a) medical and/or gastroenterology grand rounds, b) clinical case conferences with trainees, c) individual advisory meetings with young aspiring faculty and trainees seeking to develop a career in the FGIDs, d) workshops or other more intense training programs in their area of expertise if requested. The Foundation advertises and then solicits applications from medical centers. We then identify the best speaker who meets that institution's specific educational needs.

THE ROME FOUNDATION VISITING LECTURESHIP

This is usually a 1-day visit either to an academic program or large clinical practice program, gut club or community oriented educational venue. The speaker might give a grand rounds to an academic program, a round table or a lecture to a community educational venue or gut club. It may be possible to link presentations (e.g., a GI grand

rounds in daytime and community gut club in evening) over a 24 hour period.

PAST PROGRAMS

In 2015, a total of 10 Visiting Lectureships and 4 Visiting Professorships were organized generating more than 30 presentations across 5 different continents. For 2016, 7 Lectureships have taken place, as well as 6 Professorships. There are 6 more programs scheduled for this year. With the recognition of the program and the high interest in the Rome IV criteria, the number of activities have increased. The Rome Foundation is pleased to have been invited to more international trips this year. We are currently spanning over 8 different continents.

We are still accepting applications for 2016 and have room for 10-15 more programs this year. The committee reviews applications on a quarterly basis. The Rome Foundation hopes to continue to educate and spread awareness across all borders.

Rome Foundation Visiting Professorships 2016-2017



ROME FOUNDATION RESEARCH PROGRAM



Ken Heaton, MD

THE KEN HEATON AWARD FOR THE MOST CITED PUBLICATION ON FUNCTIONAL GASTROINTESTINAL AND MOTILITY DISORDERS

The Rome Foundation will award a \$1000 prize each year for the most frequently cited publication on functional gastrointestinal and motility disorders. This award is named in honor of Dr. KW Heaton whose legacy to the study of the functional gastrointestinal disorders began with his early, novel suggestion that the irritable bowel syndrome (IBS) could be diagnosed by history without exhaustive testing. That idea inspired what became known as the Manning Criteria. Three of four Manning criteria survive in the Rome III criteria for IBS. He also made possible the first epidemiologic survey of the disorders, and invented a visual metric on human stool characteristics that is incorporated into the Rome III IBS criteria. Thus, Ken's early concepts of the 1970s underlie IBS criteria to the present time. Dr. Heaton had other career successes as well – research and a book on bile salt physiology; monographs, collaborations, books and book chapters on the IBS; and seminal papers on dietary fiber. His many trainees and international colleagues remember him as a thoughtful, kindly doctor, clinician and clinical investigator. This award commemorates Dr. Heaton's work that inspired The Rome Foundation's pursuit of international diagnostic criteria for functional gut disorders.

The Ken Heaton Award will be made at Digestive Disease Week 2017. The winning paper will be selected from all papers describing original research on functional GI and motility disorders published in the calendar year two years prior to the Digestive Disease Week at which the award is made. Reviews will not be eligible for the award.



Ray E. Clouse, MD

RAY CLOUSE AWARD FOR BEST RESEARCH PUBLICATION IN FUNCTIONAL GASTROINTESTINAL AND MOTILITY DISORDERS

The Rome Foundation established two \$1000 awards in memory of Ray E. Clouse, MD a gastroenterologist and scholar at Washington University School of Medicine and a devoted member of the Rome Foundation. Ray's academic career spanned 27 years of research, teachings and writings that has left an indelible mark in the field of functional GI and motility disorders and of gastroenterology in general.

Eligible papers must be published between January and December 2016 on empirical research related to functional GI or motility disorders, defined broadly, not excluding any category. Reviews and clinical guideline papers are not eligible.

DEADLINE FOR NOMINATIONS – MARCH 17, 2017

For more information and to nominate papers, visit the Rome website
www.theromefoundation.org/programs-projects/research-program/ray-clouse-award/



CECIEL ROOKER

RECENTLY NAMED EXECUTIVE DIRECTOR

Ceciel Rooker was appointed as Executive Director of the Rome

Foundation as of August 1, 2016. Ms. Rooker oversees the business and administrative operations of the Foundation and represents the foundation worldwide in its many activities. Working with the President and the Board of Directors, she also serves as the liaison

with industry contacts as well as potential sponsors. Ms. Rooker joined the Rome Foundation in early 2008 to assist with marketing and public relations. During that time, she assisted with the coordination of all major projects undertaken by the foundation; including international conferences, clinical symposia and lectureships such as at DDW and UEGW. She also served as the Managing Editor of Rome IV.



ROME IV STAFF SPOTLIGHT

JERRY SCHOENDORF, BS, MAMS ILLUSTRATOR

Mr. Schoendorf started working for the American Gastroenterological Association (AGA) in the early 1990's while he was the Coordinator of the Medical Art section at Duke University Medical School. At that time, it was the practice of the AGA to produce a limited number of high quality teaching slides on clinical practice and a decision was made to produce a set on irritable bowel syndrome. There was concern that this would be challenging because functional GI disorders do not readily provide the kinds of imagery that was prevalent in the products for other prominent GI illnesses. Considering that IBS had no images to make slides from related to histopathology, endoscopy or x-ray, Dr. Drossman was asked by AGA to be the lead author in this project and, fortunately, Jerry was asked to be illustrator. This AGA clinical teaching set on IBS, released in 1994, successfully incorporated a number of visual metaphors to communicate the principles

of IBS diagnosis, management and treatment at that time. More importantly, it marked the beginning of a productive working relationship that has continued over 20 years in Rome III and many other projects.

Mr. Schoendorf transferred to the Duke Anaplastology Clinic in 1998 when the art section was closed, and eventually negotiated the closure of that clinic to coincide with his retirement from Duke in 2007, and promptly opened a private anaplastology practice in Durham. He sold his interest in that clinic in 2012 in time to begin work on the 700 figures that appear in Rome IV materials. He is deeply grateful for the many collaborative and wonderful relationships that have been made while working for the Rome community and expects that the many services of the Rome Foundation will continued to be welcomed around the world.



FAREWELL TO MICHELE PICKARD

AND HER ROLE WITH ROME'S COPYRIGHT AND LICENSING

Michele Pickard has facilitated the Copyright and Licensing program for Rome since 2010.

She has prepared licenses for pharmaceutical trials, research studies, medical education, marketing materials, and private clinical use. During this time she collaborated with the Rome Copyright Committee (John Kellow MD, Magnus Simrén MD, PhD, and Ami Sperber MD) on licensing and several years ago helped the committee finalize a standardized copyright licensing policy. This collaboration includes supporting the Translation Project with Ami Sperber (chair), working to ensure each translation adheres to the Rome Translation Guidelines before it is authorized and available for licensing.

Beginning with Rome III instruments the licensing library expanded over the next six years and now stands at over 100 instruments (including translations) available for licensing. The launch of Rome IV has added even more value to this significant collection and will continue to do so as the anticipated translations are completed.

Michele has recently accepted a position with a new organization and will be assuming this role soon. Her work has been instrumental while working with the Foundation. We wish her the best as she moves on to this new phase and we thank her for her dedication and hard work.

For more information about this program please visit our website www.theromefoundation.org/products/copyright-and-licensing.

ROME COPYRIGHT AND LICENSING

The Rome Foundation has a copyright policy and licensing fee schedules for usage of its copyrighted instruments and available translations. In 2010 the Rome Foundation created a copyright committee consisting of John Kellow MD, Magnus Simrén, MD, PhD, and Ami Sperber, MD. At this time we have the following instruments (available in English unless otherwise marked):

- Rome IV Adult Diagnostic Questionnaire
- Rome IV Pediatric Diagnostic Questionnaire
- Rome IV Infant/Toddler Diagnostic Questionnaire
- Rome IV Slide Set
- Rome IV MDCP Slide Set
- Rome III book (Rome III: The Functional Gastrointestinal Disorders, Third Edition, Degnon Associates, Inc., 2006) earlier editions, Additional translations - Spanish, Chinese and Japanese
- Rome III Diagnostic Questionnaires (Rome III Diagnostic Questionnaire for the Adult Functional GI Disorders, including individual modules and scoring algorithm; Rome III Diagnostic Questionnaire for the Pediatric Functional GI Disorders; Rome III Psychosocial Alarm Questionnaire for the Functional GI Disorders). Visit www.theromefoundation.org/products/rome-translation-project/available-translations/.cfm to see available translations for these tools.
- Computer Based Learning Program for the Functional GI Disorders, including individual modules
- Understanding the Irritable Gut (Thompson WG, 2008)
- Clinical Diagnostic Algorithm program, including individual modules or algorithms
- Bristol Stool Form Scale (BSFS) Additional translations – Spanish, Korean, Chinese, Japanese
- Celiac Disease - Quality of Life survey (CD-QOL) Additional translation – Dutch, Japanese, Portuguese
- Functional Bowel Disorders Severity Index (FBDSI)
- Irritable Bowel Syndrome - Quality of Life survey (IBS-QOL) Additional translations – Afrikaans, Arabic, Bengali, Bulgarian, Cantonese, Chinese, Czech, Danish, Dutch, Finnish, French, German, Gujarati, Hebrew, Hindi, Hungarian, Italian, Kannada, Korean, Latvian, Malay, Malayalam, Mandarin Chinese, Marathi, Norwegian, Panjabi, Polish, Portuguese, Romanian, Russian, Slovak, Spanish, Swedish, Tamil, Thai, Telugu, Ukrainian, Urdu
- Irritable Bowel Syndrome - Symptom Severity Scale (IBS-SSS) Additional translations - Bulgarian, Chinese, Czech, French, German, Hungarian, Italian, Korean, Latvian, Norwegian, Polish, Romanian, Russian, Slovak, Spanish, Swedish
- Rating Form of Irritable Bowel Disease Patient Concerns (RFIPC) Additional translations – Afrikaans, Arabic, Bosnian, Bulgarian, Croatian, Czech, Estonian, French Canadian, German, Greek, Hebrew, Italian, Japanese, Portuguese, Romanian, Russian, Serbian, Slovak, Spanish, Swedish, Ukrainian, Turkish
- Comorbid Medical Conditions Questionnaire (CMCQ)
- Satisfaction with Care Scale (SAT-37)
- Trauma Questionnaire
- Ulcerative Colitis and Crohn's Disease Health Status Scales (UC-CD)
- Rome III MDCP Slide Set

Beginning in 2016, we will be adding the Rome IV questionnaire and related Rome IV products. For more information, please contact Diane Austin at daustin@theromefoundation.org.



CRAIG MATHEWS

AND HIS MARKETING ROLE WITH THE ROME FOUNDATION

Over the past 18 months, Big Think Innovation has been working with The Rome Foundation to craft and implement a marketing strategy for the Rome IV series of books. The marketing strategy was completed in July of 2015, and the implementation support began in February 2016.

Big Think is working with Mark Schmitter, Rome's Marketing Manager, as well as the rest of the Rome team to increase the awareness and sales of Rome IV products. This includes:

- Marketing materials, such as flyers, catalog, and product cards
- Website updates and search engine optimization
- Online marketing through TheRomeFoundation.org
- Event marketing to support the numerous conferences that Rome attends
- Social media updates
- Media relations
- Email marketing
- Creating ads for trade publications
- Working with vendors to create the online version of Rome IV

Through all of these projects, Craig Mathews (Big Think CEO) and his team have worked closely with the Rome team to build the marketing foundation to support sales for years to come. Big Think is also investigating opportunities for expanding Rome's reach into primary care and eventually into the home, where patients can be better informed about their functional GI conditions.

Big Think created RomeOnline.org as a temporary ecommerce site to sell the Rome IV materials, which ended up being a longer-term website than expected. When the online version of Rome IV is released, the store will likely move to a new home for a seamless customer experience.

Big Think Innovation, Inc. is a business and marketing strategy consultancy with a focus on revenue growth. Craig founded the business in 2008 and has spoken on a range of business topics internationally and across the United States. Craig also created GameChanger: The Business Innovation Game and Bullseye!: The Business Growth GPS business assessment tool. He has been President or CEO of six businesses, four of which focus on software, and one on biotech. Craig coaches startup companies through UNC's Kenan-Flagler Business School as his way of giving back to the community. He has been married for 28 years to Julie, and has two sons, Austin (21) and Jameson (17).

CRAIG MATHEWS BIOGRAPHY

Craig is passionate about business because it has the power to transform lives. The bigger you think, the more you can achieve, and the greater your impact.

From his early work as a pre-teen entrepreneur, to teaching business at age 17, business is in his blood. Over years of experience in executive leadership, and education at a top business school, Craig has honed his holistic business viewpoint into a set of frameworks, insights, and methodologies for driving business innovation.

He has been serving companies for several years in the U.S., Europe, and India, helping hundreds of people design and build highly profitable businesses. He works with larger companies to find and develop the ideas within the organizations, growing profits. He has also taught innovation and entrepreneurship at UNC Business School to the largest

entrepreneurship class in the school's history. Wherever he is, his passion for business is infectious.

Craig started Big Think to provide practical education and consulting for business innovation using principles and strategies that yield geometric growth. He is known for his ability to simplify complex business issues, and for seeing all of the possibilities for revenue expansion – often outside industry norms.

Craig is a strategic, innovative thinker. He has led companies in sales, marketing, IT and as CEO. A serial entrepreneur and constant learner, Craig is also an author and international speaker/consultant on topics as wide-ranging as water security, leadership, business/IT alignment, marketing, sales, corporate strategy, personal development, and marriage.

Rome Foundation – AGA Institute Lectureship at Digestive Disease Week 2017

Applications of Novel Diagnostic Modalities in the Diagnosis, Pathophysiology and Treatment Response of Functional GI Disorders



John Pandolfino, MD
Northwestern University
USA

*EndoFLIP for Functional
Esophageal Disorders*



Robin Spiller, MD
University of Newcastle
Australia

*Magnetic Resonance imaging
of the intestine in IBS and
Chronic Constipation*



Emeran Mayer, MD, PhD
David Geffen School of
Medicine at UCLA

*Novel Brain Imaging
Techniques in IBS*



McCormick Place, Chicago, Illinois
Date and Time TBD



UEG Week
October 15-19, 2016
Vienna, Austria

**Learn about new
work in your field:
UEG Week features
the latest updates in
gastroenterology**



Due to the great success of the “From guidelines to clinical practice” symposia, these will again be offered in addition to our popular “Advances in clinical gastroenterology & hepatology” featuring scientific breakthroughs on IBD in 2016. Another highlight is the UEG Week Hotspot, a platform for the most controversial sessions and hottest debates. With the Postgraduate Teaching Programme, offered as a 3-year curriculum, you gain all major updates in GI & hepatology.

Discover the online programme www.ueg.eu/week/programme/scientific-programme

Find out more, visit www.ueg.eu/week

PLEASE VISIT THE ROME FOUNDATION BOOTH IN THE EXHIBIT HALL #AFA1/3

THE ROME FOUNDATION



ENCOURAGES YOU TO VISIT OUR EXHIBIT BOOTHS AT CONFERENCES AROUND THE WORLD

NOW AVAILABLE

- ROME IV VOLUMES I AND II
- ROME IV MULTIDIMENSIONAL CLINICAL PROFILE FOR FUNCTIONAL GASTROINTESTINAL DISORDERS (MDCP SECOND EDITION)
- ROME IV DIAGNOSTIC QUESTIONNAIRES AND TABLES FOR INVESTIGATORS AND CLINICIANS (FIRST EDITION)
- ROME IV DIAGNOSTIC ALGORITHMS FOR COMMON GI SYMPTOMS (SECOND EDITION)
- ROME IV PEDIATRIC FUNCTIONAL GASTROINTESTINAL DISORDERS – DISORDERS OF GUT-BRAIN INTERACTION (FIRST EDITION)
- ROME IV FUNCTIONAL GASTROINTESTINAL DISORDERS FOR PRIMARY CARE AND NON-GI CLINICIANS (FIRST EDITION)
- SLIDES SETS: MDCP AND ROME IV



INFORMATION ON THE ASSOCIATES OF ROME AND FREE ENROLLMENT

LOOK FOR OUR BOOTH AT THESE UPCOMING CONFERENCES

WORLD CONGRESS OF PEDIATRIC GASTROENTEROLOGY, HEPATOLOGY AND NUTRITION
October 5 - 8, 2016
Montreal, Canada
www.wcpghan2016.com

UEG WEEK
October 15 - 19, 2016
Vienna, Austria
www.ueg.eu/week

ACG 2016
American College of Gastroenterology
October 14 - 19, 2016
Las Vegas, Nevada
www.Acgmeetings.gi.org

PUMCH
November 5, 2016
China

AMG 2016
Mexican Congress of Gastroenterology
November 19 - 23, 2016
Mexico
www.gastro.org.mx

PRIMED EAST
December 9-11, 2016
Boston, MA, USA
www.pri-med.com



UPDATE FROM THE INTERNATIONAL FOUNDATION FOR FUNCTIONAL GASTROINTESTINAL DISORDERS (IFFGD)

FALL 2016



By Tegan Gaetano

As IFFGD continues to celebrate its **25th year** of working to support the functional gastrointestinal (GI) and motility disorders community, we are pleased to share some of our 2016 activities and look forward to many years of continued leadership in patient education and advocacy.

Millions of people annually reach us through our family of websites or by phone, email, or social media looking for educational information and the contact information of medical professionals interested in treating people with functional GI and motility disorders. To help individuals find care in their area, **IFFGD maintains a resource list of healthcare providers**. We invite you to be part of this list. Finding a physician or other healthcare provider knowledgeable in these multifaceted and often challenging conditions is essential to a patient's ability to achieve positive outcomes. If you are interested in being included in our patient resource list, please fill out and submit the online form at www.iffgd.org/finding-a-doctor/care-locator-search/care-locator-application-form.html.

Working with the U.S. Department of Health and Human Services, IFFGD has sponsored the listing of several GI conditions that are now on the **U.S. National Health Observances Calendar**. These include IBS Awareness Month in April, GERD Awareness Week in November, and beginning in 2016, Gastroparesis Awareness Month in August. Official observances on the National Calendar contribute to the advancement of understanding of these conditions on behalf of all those affected. We are grateful to the many individuals who have raised awareness for gastroparesis and other disorders. **Please join us in recognizing GERD Awareness Week, November 20–26, 2016.**

IFFGD continues to be an active presence on Capitol Hill, advocating for an expanded research portfolio for functional GI and motility disorders and, ultimately, improved treatment outcomes for all those affected. In

June 2016, advocates from all walks of life joined together to reach out to their U.S. House Members of Congress through email, phone, and social media to **raise critical awareness on behalf of *The Functional Gastrointestinal and Motility Disorders Research Enhancement Act (H.R. 2311)*** and the millions of Americans affected by one or more digestive disorders. Thousands of patients and their family members and friends, nurses, physicians, researchers, and members of the public came together to carry a clear, impactful message that will help expand life-changing research, initiate important legislation, and facilitate the development of new treatment options. Among the aims of the bill are to:

- Grant the National Institutes of Health (NIH) new authority to initiate innovative research projects
- Establish a Centers of Excellence Program in this area
- Coordinate research activities with the Department of Defense and the Veterans Administration
- Call on the Food and Drug Administration (FDA) to improve review, approval, and oversight of treatments for functional GI and motility disorders

The bill is budget-neutral. There is still time in this Congress to reach out and ask that your U.S. House Member cosponsor the bill. To learn how, go to our web page at www.iffgd.org/get-involved/take-action.

We invite you to learn more about IFFGD news and activities by subscribing to our **free monthly eNewsletter** at www.iffgd.org/stay-connected/join-e-news-letter.html.

Congratulations to the Rome Foundation for the publication of *Rome IV*. Your contributions to patient care help make the fulfillment of IFFGD's mission possible. Thank you!

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

1: Mearin F, Ciriza C, Mínguez M, Rey E, Mascort JJ, Peña E, Cañones P, Júdez J. Clinical Practice Guideline: Irritable bowel syndrome with constipation and functional constipation in the adult. *Rev Esp Enferm Dig.* 2016 Jun;108(6):332-63. doi: 10.17235/reed.2016.4389/2016. PubMed PMID: 27230827.

2: Paul SP, Basude D. Non-pharmacological management of abdominal pain related functional gastrointestinal disorders in children. *World J Pediatr.* 2016 Jun 30. [Epub ahead of print] Review. PubMed PMID: 27363985.

3: Rajindrajith S, Devanarayana NM, Benninga MA. Constipation and Constipation Predominant Irritable Bowel Syndrome: a Comparative Study Using Rome III Criteria. *J Pediatr Gastroenterol Nutr.* 2016 Jul 11. [Epub ahead of print] PubMed PMID: 27403609.

4: Sood R, Ford AC. Diagnosis: Rome IV criteria for FGIDs - an improvement or more of the same? *Nat Rev Gastroenterol Hepatol.* 2016 Jul 13. doi: 10.1038/nrgastro.2016.110. [Epub ahead of print] PubMed PMID: 27407043.

5: Talley NJ, Walker MM, Holtmann G. Functional dyspepsia. *Curr Opin Gastroenterol.* 2016 Aug 17. [Epub ahead of print] PubMed PMID: 27540688.

6: Zhang Y, Li L, Guo C, Mu D, Feng B, Zuo X, Li Y. Effects of probiotic type, dose and treatment duration on irritable bowel syndrome diagnosed by Rome III criteria: a meta-analysis. *BMC Gastroenterol.* 2016 Jun 13;16(1):62. doi: 10.1186/s12876-016-0470-z. PubMed PMID: 27296254; PubMed Central PMCID: PMC4907258.

**THE ASSOCIATES OF ROME PROGRAM
HAS GROWN TO WELL OVER 1300
MEMBERS IN 80 COUNTRIES SINCE ITS
INCEPTION IN 2010.**

**Associates
OF ROME**

Members are enjoying benefits such as:

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Please contact Diane Austin at daustin@theromefoundation.org for more information on both opportunities.



THE STANDARD FOR FUNCTIONAL GI NEW FOR 2016!

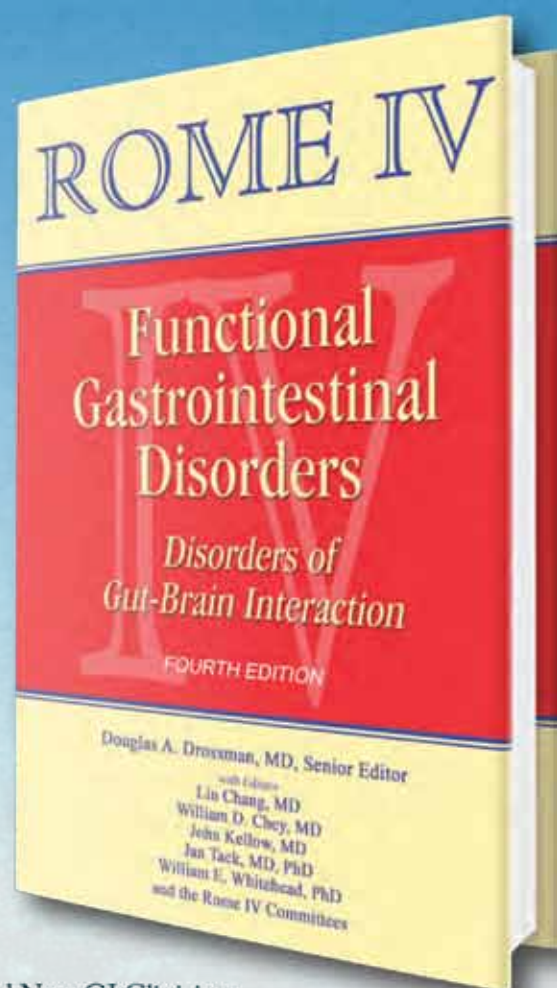
Introducing Rome IV: Five Years of Work Building on Decades of Research

New for 2016, we are pleased to announce the release of Rome IV educational materials for Functional GI, featuring:

- **Six new books**, in hard cover and online formats
- Contributions by **more than 120 investigators and clinicians** from around the world
- **Extensively updated** since the last edition 10 years ago with new chapters, references, diagnoses, and graphics

The All-New Rome IV series includes:

- Rome IV: Functional Gastrointestinal Disorders – Disorders of Gut-Brain Interaction, Vols 1 and 2
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- Diagnostic Algorithms for Common GI Symptoms
- Functional Gastrointestinal Disorders for Primary Care and Non-GI Clinicians
- Pediatric Functional Gastrointestinal Disorders – Disorders of Gut-Brain Interaction
- Diagnostic Questionnaires and Tables for Investigators and Clinicians



Order Rome IV books and subscriptions:

Go to **theromefoundation.org** and click on
Products



Improving the lives of people
with functional GI disorders

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CALL FOR APPLICATIONS

AGA Research Foundation - Rome Foundation Functional GI and Motility Disorders Pilot Research Award

This award, jointly sponsored by the Rome Foundation and AGA Research Foundation, is being offered to early stage and established investigators to support pilot research projects pertaining to functional GI and motility disorders.

AMOUNT: \$50,000

DURATION: ONE YEAR

APPLICATION DEADLINE: JANUARY 13, 2017

FOR MORE INFORMATION AND TO APPLY PLEASE VISIT THE AGA WEBSITE
www.gastro.org/research-funding



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Complete the form on our website to sign up
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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 global recognition and legitimization of FGIDs
- Advance the scientific understanding of their pathophysiology
- Optimize clinical management for these patients
- Develop and provide educational resources to accomplish these goals



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