

## GENERAL INFORMATION FOR THE 2016 CANADIAN DIGESTIVE DISEASES WEEK™ (CDDW™)

### SCIENTIFIC SESSIONS:

The Gastroenterology Residents in Training (GRIT) Program (by invitation only) will be held at the Fairmont Queen Elizabeth.

Registration Desk Hours – Foyer, Conference Level	
Tuesday, February 23	12h00-21h30
Wednesday, February 24	08h00-20h30
Thursday, February 25	07h00-17h00

The Scholars' and Research Topics in Gastrointestinal (GI) Disease Programs (invitation only) will be held at the Fairmont Queen Elizabeth.

Registration Desk Hours – Foyer, Conference Level	
Wednesday, February 24	08h00-20h30
Thursday, February 25	07h00-17h00

All core sessions of CDDW™ will be held at the Fairmont Queen Elizabeth. Registration Desk hours – Mezzanine Level

Thursday, February 25	17h00-21h00
Friday, February 26	07h00-18h30
Saturday, February 27	07h00-18h30
Sunday, February 28	07h30-18h30
Monday, February 29	07h30-14h00

### EXHIBIT HOURS

The Exhibit and Trade Show will be held in the Le Grand Salon/Hochelagas 1-3 and will be open as follows:

Friday, February 26	09h30-18h30
Saturday, February 27	10h30-15h30
Sunday, February 28	10h30-15h30

### SPEAKER READY ROOM

Please note that all speakers are asked to present themselves at the Speaker Ready Room, Saint-Charles, at least four hours before their presentation.

#### Speaker Ready Room Hours

Thursday, February 25	17h00-21h00
Friday-Sunday, February 26-28	07h00-18h00
Monday, February 29	07h00-14h00

NO presentation preparation/loading for plenary sessions will be permitted to take place in rooms Marquette/Jolliett, Duluth or the Mackenzie. Breakfast and small group presentations may be loaded in those rooms.

### Centre Ice Gala – Sunday February 28

Pull on your favourite hockey jersey, and enjoy the company of fellow hockey fans as CDDW™ hosts the "Centre Ice Gala". Treat your taste buds to the most exotic stadium cuisine, test out your stick handling skills, and skate the night away with tunes from our own Power Play DJ. Purchase tickets (\$100 + tax) online and also at registration on-site.

### CanMEDS ROLES

CanMEDS is a framework that identifies and describes the abilities physicians require to effectively meet the health care needs of the people they serve. These abilities are grouped thematically under seven roles: Medical Expert (the integrating role), Communicator, Collaborator, Leader, Health Advocate, Scholar and Professional. The CDDW™ program will include CanMEDS roles which will be identified at the beginning of each session. For more information on these newly revised definitions, visit:

<http://www.royalcollege.ca/portal/page/portal/rc/canmeds/framework>.

### ACCREDITATION

The CDDW™ Meeting is accredited as a group learning activity (Section 1) as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada (RCPC) (as the conference overall includes at least 25% interactive time). See page 40 for a listing of credits per session. Financial support for sessions, as indicated within the program, is through educational grants. CDDW™ is in compliance with the CQDPCM (Quebec) Code of Ethics. For more information, please go to: [http://www.cemcq.qc.ca/en/index\\_guide.cfm](http://www.cemcq.qc.ca/en/index_guide.cfm).

Live educational activities, occurring in Canada, recognized by the RCPC as Accredited Group Learning Activities (Section 1) are deemed by the European Union of Medical Specialists eligible for ECMEC credits.

Through an agreement between the RCPC and the American Medical Association, physicians may convert RCPC MOC credits to AMA PRA Category 1 Credits™. Information on the process to convert RCPC MOC credit to AMA credit can be found at <http://www.amaassn.org/go/internationalcme>

The 2016 CDDW™ is endorsed by:

Faculty who are American College of Gastroenterology Fellows or Masters are identified throughout the program by the \* symbol



### CDDW™ IMPLEMENTATION COMMITTEE

#### Co-Chairs

David Armstrong, *CAG President Elect*  
Richard Schreiber, *CASL President Elect*

#### CAG Committee

Derek McKay, *Past Co-Chair*  
Kevin Waschke, *Education*  
François Boudreau, *Research*  
Wallace MacNaughton, *Finance*  
Paul Sinclair, *Executive Director*

#### CASL Committee

Eberhard Renner, *Past Co-Chair*  
Hemant Shah, *Education*  
Christopher Rose, *Research*  
Kelly Burak, *Finance*

#### GRIT Course

Mark Bargaonkar, Geoff Williams

#### Scholars' Program

Herbert Brill, Saumya Jayakumar

Research Topics in GI Disease  
Gilaad Kaplan, Elena Verdu

### CDDW™ SPONSORS

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### CAG gratefully recognizes our Corporate Sponsors

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### CASL gratefully recognizes our major sponsors:

the Canadian Liver Foundation, its donors and members, and our industry partners: AbbVie, BMS, Gilead, Merck Canada, Astellas, KNS Canada, BTG International, and Pendopharm

**GASTROENTEROLOGY RESIDENTS IN TRAINING (GRIT)  
PROGRAM AT A GLANCE**

	Tuesday, February 23	Wednesday, February 24	Thursday, February 25
<i>AM</i>			Breakfast
		Breakfast & Small Groups	CAG Overview
		Poster Session I Cont'd & Coffee	CDHF Session
Plenary Session II		Plenary Session IV	
Lunch / Free time		Lunch	
<i>MID-DAY</i>	Registration		Ivan T Beck Memorial Lectureship
	Ice-Breaker Session		Gastroenterology Jeopardy
<i>PM</i>	Interactive Case Discussion	Dinner	Awards, Evaluation, Closing Remarks
	Plenary Session I	Plenary III	McKenna Memorial Lecturer
	Dinner	CAG Young Educator Award Lecture	Reception
	Expert Panel	Transition to Practice/Practice Management	Dinner
	Poster Session I	Poster Session II	

All sessions of the GRIT Program will be held at the Fairmont Queen Elizabeth.

**Session Learning Objectives:** The program is designed to foster communication between trainees in gastroenterology and hepatology, promote research for the residents, develop presentation skills, and deliver new knowledge in key areas related to the science and practice of gastroenterology and hepatology.

Sponsored by the Fairmont Queen Elizabeth

## GRIT PROGRAM

### TUESDAY, FEBRUARY 23

Saint-Laurent/Gatineau Foyers  
12h00-15h00 Registration

Saint-Maurice/Saint Charles  
15h00 Opening Remarks  
– Mark Borgaonkar

15h15 Ice-Breaker Session  
– Robert Berger

16h00 Interactive Case Discussion  
– Leanna McKenzie and Robert Berger

16h45 Plenary Session I: Liver and Basic Science  
– Mar Miserachs and Leanna McKenzie

#### Marquette

18h15 Dinner

#### Saint-Maurice/Saint-Charles

19h30 Expert Panel – ALL  
*Moderator:* Kevin Waschke

#### Hochelagas 4-6

20h30 Poster Session I

### WEDNESDAY, FEBRUARY 24

08h00 Introduction to Break-out Sessions (08h00-08h05)  
– Geoff Williams and Leanna McKenzie  
Breakfast and Small Groups  
(20 min x 5 sessions) (Rooms)

- Group 1: (Harricana) Leanna McKenzie
- Group 2: (Matapédia) Kevin Waschke
- Group 3: (Chaudière) Geoff Williams
- Group 4: (Saint-Maurice) Mark Borgaonkar
- Group 5: (Saint-Charles) Robert Berger

#### Hochelagas 4-6

10h00 Coffee and Poster Session I continued

#### Saint-Maurice/Saint-Charles

10h30 Plenary Session II – Clinical Practice  
– Neel Malhotra and Robert Berger

#### Marquette

12h15 Lunch / Free Time

#### Marquette

17h00 Dinner

#### Saint-Maurice/Saint-Charles

18h00 Plenary Session III – Inflammatory Bowel Disease  
– Franziska Righini-Grunder and Veronique Morinville

### WEDNESDAY, FEBRUARY 24 Continued

#### Duluth

19h30 CAG Young Educator Award Lecture: Residents  
as Teachers (*with Scholars' Program and  
Research Topics*)  
– Geoff Williams

#### Saint-Maurice/Saint-Charles

20h15 Transition to Practice/Practice Management  
– Robert Berger

#### Hochelagas 4-6

21h00 Poster Session II

### THURSDAY, FEBRUARY 25

#### Foyer

07h00 Breakfast

#### Duluth

08h00 CAG Overview  
– David Armstrong

#### 08h10

Canadian Digestive Health Foundation Session  
(*with Scholars' Program and Research Topics*)

#### 10h00

Coffee Break

#### Saint-Maurice/Saint-Charles

10h30 Plenary Session IV – Endoscopy  
– Sarvenaz Moosavi and Kevin Waschke

#### Marquette

12h00 Lunch

#### Saint-Maurice/Saint-Charles

13h00 Ivan T Beck Lectureship: Using Epidemiology to  
Pursue Etiology in IBD  
– Charles Bernstein

#### 14h00

Gastroenterology Jeopardy  
– Mark Borgaonkar and Veronique Morinville

#### 15h00

Awards / Evaluation / Closing Remarks  
– Kevin Waschke and Mark Borgaonkar

#### Duluth

16h00 McKenna Lecturer: An Academic Surgeon's Views  
on GI Training (*with Scholars' Program and  
Research Topics*)  
– Johan Söderholm, Linköping University

#### Mackenzie

17h00 Joint Reception

#### Saint-François

17h30 Joint Dinner

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Sponsored by the Fairmont Queen Elizabeth

## SCHOLARS' PROGRAM AT A GLANCE

	Wednesday, February 24	Thursday, February 25
<i>AM</i>		Breakfast CDHF Event
		Life of a Gastroenterologist in Education Life of a Community Gastroenterologist Life of a Gastroenterologist in Research Life of a Gastroenterologist in the U.S. vs. Canada Panel Discussion
		What's Cool in Hepatology Advances in IBD
<i>MID-DAY</i>	Registration	Lunch and Endoscopy Challenge
<i>PM</i>	Opening Remarks & Introductions Getting into a Gastroenterology Fellowship Program Being a Gastroenterology Fellow Transition from Fellow to Faculty Financial Considerations in Gastroenterology Panel Discussion Refreshment Break	Motility Nutrition Pediatric Diseases Panel Discussion Closing Remarks
	Critical Appraisal Skills How to Prepare and Deliver an Effective Presentation Ethical Issues Panel Discussion/Q&A	McKenna Lecturer
	Working Dinner Advances in Gastrointestinal Imaging CAG Young Educator Award Lecture	Reception
	Working Dinner Advances in Gastrointestinal Imaging CAG Young Educator Award Lecture	

All sessions of the Scholars' Program will be held at the Fairmont Queen Elizabeth.

**Program Learning Objectives:** The Scholars' Program is structured to identify exceptional medical students and PGY 1 and PGY 2 Internal Medicine and Pediatric Residents and to encourage them to consider a career in gastroenterology / hepatology. The program will educate the student/resident in the attributes required to enjoy a successful career in medicine, gastroenterology / hepatology and pediatrics. The candidate will have the opportunity to work with and learn from an internationally recognized academic and clinical faculty who are respected leaders and role models in the field.

## SCHOLARS' PROGRAM

### WEDNESDAY, FEBRUARY 24

**Day 1:** Welcome/Orientation and Planning a Career in Gastroenterology/Hepatology

**Foyer**  
13h00-14h30 Registration

**Saint-Laurent**  
14h30 Opening Remarks, Faculty and Student/Resident Introductions  
– Herbert Brill, Program Co-Chair

14h50 What Does It Take To Get into a Gastroenterology Fellowship Program?  
– Saumya Jayakumar, Program Co-Chair, and Herbert Brill

15h15 What Is It Like To Be a Gastroenterology Fellow?/What Are We (and programs) Looking For?  
– Yidan Lu

15h40 The Transition from Fellow to Faculty: Pleasures and Pitfalls  
– Constantine Soulellis

16h05 Financial Considerations for a Career in Gastroenterology  
– Herbert Brill

16h20 Panel Discussion – Gastroenterology Training

16h30 Refreshment Break

16h40 Critical Appraisal Skills  
– Mark Borgaonkar

17h10 How to Prepare and Deliver an Effective Presentation  
– Herbert Brill

17h40 Ethical Issues  
– Sylviane Forget

18h10 Panel Discussion/Q&A

18h30 Working Dinner

18h55 Advances in Gastrointestinal Imaging  
– Kevin Waschke

**Duluth**  
19h30 CAG Young Educator Award Lecture: Residents as Teachers – Appropriate Bedside Teaching *(with GRIT and Research Topics)*  
– Geoff Williams

Adjournment following the Young Educator Award Lecture

### THURSDAY, FEBRUARY 25

**Day 2:** Clinical Advances in Gastroenterology/Hepatology and Lifestyles of a Gastroenterologist/Hepatologist

**Foyer**  
07h00 Continental Breakfast

**Duluth**  
08h00 Canadian Digestive Health Foundation Session *(with GRIT and Research Topics)*

**Saint-Laurent**  
10h00 Scholars' Program Opening Remarks  
– Saumya Jayakumar

10h10 The Life of a Gastroenterologist in Education  
– Geoff Williams

10h30 The Life of a Community Gastroenterologist  
– Chad Williams

10h50 The Life of a Gastroenterologist in Research  
– Alan Barkun

11h10 The Life of a Gastroenterologist in the U.S. vs. Canada  
– Harpreet Pall

11h30 Panel Discussion – Career Choices

11h50 What's Cool in Hepatology?  
– Saumya Jayakumar

12h20 Advances in IBD  
– Charles Bernstein

12h50 Buffet Lunch  
Endoscopy Challenge (12h50-14h00)

14h00 Motility  
– William Paterson

14h25 Nutrition  
– Johane Allard

14h50 Pediatric Diseases  
– Herbert Brill

15h15 Panel Discussion (faculty from previous four sessions)

15h30 Closing Remarks and Evaluation Completion

15h45 Refreshment Break

**Duluth**  
16h00 McKenna Lecturer: An Academic Surgeon's Views on GI Training *(with GRIT and Research Topics)*  
– Johan Söderholm, Linköping University

**Mackenzie**  
17h00 Joint Reception

**Saint-François**  
17h30 Joint Dinner

Note: Coffee and light refreshments will be in the back of the rooms on Wednesday, February 24 at 16h30 and Thursday, February 25 at 10h00 and 15h45

## CAG RESEARCH TOPICS IN GI DISEASE PROGRAM

### WEDNESDAY, FEBRUARY 24

**Foyer**  
11h00-14h30 Registration

**Gatineau**  
14h30 Welcome/Introduction  
– Elena Verdu, Gilaad Kaplan

14h40 Clinical  
– Gilaad Kaplan, Stephanie Coward  
(6 orals – 13 min. each)

15h58 Microbial Pathogenesis of GI Disease  
– François Boudreau, Giada De Palma  
(5 orals – 13 min. each)

17h03 Pause santé

17h18 Liver and Cancer Pathogenesis and Disease  
– Carla Coffin, Giada De Palma  
(6 orals – 13 min. each)

**Bersimis**  
18h36 Dinner

**Duluth**  
19h30 CAG Young Educator Award Lecture: Residents as Teachers – Appropriate Bedside Teaching  
– Geoff Williams  
*(with GRIT and Scholars)*

20h15 Adjourn

### THURSDAY, FEBRUARY 25

**Foyer**  
07h00 Breakfast

**Duluth**  
08h00 Canadian Digestive Health Foundation Session  
*(with GRIT and Scholars)*

**Gatineau**  
10h15 Epithelium and Motor Pathophysiology  
– Premysl Bercik, Stephanie Coward  
(7 orals – 13 min. each)

**Bersimis**  
11h46 Lunch

**Gatineau**  
13h00 Pathogenesis and Potential Therapies for Colitis  
– Aida Fernandes, Giada De Palma  
(6 orals – 13 min. each)

14h18 Pause santé

**Gatineau, Harricana, Chaudière**  
14h35 Career Development Session  
‘What do I do with my degree and training: Work-life balance as a PI’  
Discussion sessions: 3 rotating groups  
‘Clinician Scientist’ – Premysl Bercik, Carla Coffin  
‘Clinical Research’ – Charles Bernstein  
‘Outside of Academia’ – Aida Fernandes  
(28 min. for each session)

**Duluth**  
16h00 McKenna Lecturer: An Academic Surgeon’s Views on GI Training  
– Johan Söderholm, Linköping University  
*(with GRIT and Scholars)*

**Mackenzie**  
17h00 Joint Reception

**Saint-François**  
17h30 Joint Dinner

Sponsored by the Canadian Institutes of Health Research  
Institute of Nutrition, Metabolism and Diabetes

**CDDW™ – PROGRAM AT A GLANCE**

Start	FRIDAY February 26			SATURDAY February 27					SUNDAY February 28				MONDAY February 29	Start	
07h00▲				CAG Open Mic										07h00▲	
07h30▲														07h30▲	
08h00▲	IBD Microbiota	Community-based GI and Liver Disease		Epigenetics of GI Cancer	Difficult AILD Cases	CASL Paper Session 1	Celiac Disease	Barrett's Esophagus	Innate Mucosal Immunology	HRS and SBP	Difficult Cases in CD	<i>H pylori</i> Therapeutics	Difficult Cases in Ulcerative Colitis		08h00▲
08h30▲										CASL Paper Session 2			Luminal Signaling to Nerves in Functional Disorders	The Future of Hepatology	2015 Papers Influencing Practice
09h00▲					<i>Exhibits &amp; Coffee Break</i>			Precision Medicine in Gastroenterology							
09h30▲				CASL-CLF Gold Medal Lecture									09h30▲		
10h00▲	CAG/CCC Student Prizes	Clinical papers	Inpatient Hepatology	<i>Exhibits &amp; Coffee Break</i>					<i>Exhibits &amp; Coffee Break</i>				10h00▲		
10h30▲							<i>Exhibits &amp; Coffee Break</i>					<i>Coffee Break</i>			
11h00▲				Small Group Sessions					Small Group Sessions				11h00▲		
11h30▲	<i>Exhibits &amp; Lunch (11h30-12h30)</i>			Small Group Sessions					Small Group Sessions				11h30▲		
12h00▲				Small Group Sessions					Small Group Sessions				12h00▲		
12h30▲				<i>Exhibits &amp; Lunch (12h30-13h30)</i>					<i>Exhibits &amp; Lunch (12h30-13h30)</i>				12h30▲		
13h00▲	Cellular Reprogramming	Safety Monitoring		<i>Exhibits &amp; Lunch (12h30-13h30)</i>					<i>Exhibits &amp; Lunch (12h30-13h30)</i>				13h00▲		
13h30▲											<i>Lunch (12h30-13h30)</i>				13h30▲
14h00▲				Research Career Development	Updates in Pediatric Cholestasis		The Role of Nutrition in Gastroenterology		Research Award Lectures	Hepato-cellular Carcinoma	Rapid Fire 2015 Journal Review		Therapeutics in IBD: Past, present and future		14h00▲
14h30▲	<i>Exhibits &amp; Coffee Break</i>			<i>Exhibits &amp; Coffee Break</i>					<i>Exhibits &amp; Coffee Break</i>				14h30▲		
15h00▲				<i>Exhibits &amp; Coffee Break</i>					<i>Exhibits &amp; Coffee Break</i>				15h00▲		
15h30▲	Colonic Motility	Video Endoscopy		Kopelman Lecture	Optimizing Fatty Liver Outcomes		Monitoring Disease Activity in IBD		New Technologies	HCV Update	Diarrhea and Constipation				15h30▲
16h00▲															
16h30▲	CASL AGM	CAG AGM											16h30▲		
17h00▲							McKenna Reception					Awards Ceremony			
17h30▲	CDDW™ Opening Reception			McKenna Lecture									17h30▲		
18h00▲									Poster Session 2				18h00▲		
18h30▲	Trainee Mixer			Poster Session 1									18h30▲		
19h00▲													19h00▲		
19h30▲													19h30▲		
20h00▲									Gala Evening				20h00▲		

AGM annual general meeting; AILD autoimmune liver disease; CCC Crohn's and Colitis Canada; CD Crohn's disease; CLF Canadian Liver Foundation; GI gastrointestinal; *H pylori Helicobacter pylori*; HCV hepatitis C virus; HRS hepatorenal syndrome; IBD inflammatory bowel disease; SBP spontaneous bacterial peritonitis

**OVERALL LEARNING OBJECTIVE FOR CDDW™ 2016**

At the end of the conference delegates will be able to:

1. Identify evolving new areas of clinical and basic research in gastroenterology and hepatology.
2. Affirm through evaluation of the evidence that knowledge and management strategies are current.
3. Formulate management strategies for patients with gastrointestinal, including liver, disease.
4. Compare and contrast a wide variety of therapeutic approaches in the care of patients with gastrointestinal, including liver, diseases.
5. Recognize the importance of quality measures and patient safety initiatives in clinical and endoscopic practice.
6. Interact with colleagues to foster a community of practice.

**CAG/CASL POSTGRADUATE COURSE**

Specialists may be defined by their knowledge of the leading edge issues in gastroenterology and hepatology. The Postgraduate Course is intended to bring you up to date on developments in selected areas and get you ready for the challenges of 2016.

08h00-09h30	<p><b>CAG/CASL POSTGRADUATE COURSE:</b> <b>Community-based Gastrointestinal and Liver Disease</b></p> <hr/> <p><b>Learning Objectives:</b> At the end of this session participants will be able to:</p> <ol style="list-style-type: none"> <li>1. Review the selection of biologic agents to treat IBD and understand the role of combination therapy.</li> <li>2. Discuss the time interval of endoscopic surveillance for: IBD-associated neoplasia, colonic polyps, and Barrett's esophagus.</li> <li>3. Describe the staging of hepatitis C disease, and explore the role of community gastroenterologists in accessing and implementing new treatments.</li> </ol> <hr/> <p>Co-Chairs: Geoffrey Nguyen, University of Toronto and Kevork Peltekian, Dalhousie University</p> <ul style="list-style-type: none"> <li>• Mirror, Mirror on the Wall, Which Biologic Combo Will Fare Best of All? Brian Bressler, University of British Columbia</li> <li>• Timing is Everything: How often should we perform endoscopic surveillance? Marietta Iacucci, University of Calgary</li> <li>• Charging the Frontlines: Real world challenges with the new hepatitis C therapy Hemant Shah, University of Toronto</li> </ul> <p style="text-align: center;">– CAG co-developed this program with Bristol-Myers Squibb Canada to achieve scientific integrity, objectivity and balance –</p>	Marquette/Jolliet
08h00-09h30	<p><b>†CAG SYMPOSIUM:</b> <b>IBD Microbiota</b></p> <hr/> <p><b>Learning Objectives:</b> At the end of this session participants will be able to:</p> <ol style="list-style-type: none"> <li>1. Understand the complexity of dietary-microbiota interactions and the role they play in modulation of intestinal inflammation.</li> <li>2. Discuss the role of bacterial anti-fungal dysbiosis in IBD.</li> <li>3. Review the current therapies and levels of evidence regarding therapies targeting the microbiome in IBD.</li> </ol> <hr/> <p>Co-Chairs: Michael Surette, McMaster University and Elena Verdu, McMaster University</p> <ul style="list-style-type: none"> <li>• Diet-Microbiota Interactions in IBD: From basics to clinics Karen Madsen, University of Alberta</li> <li>• Beyond Bacterial Dysbiosis: Fungal signature in IBD Frederic Bushman, University of Pennsylvania</li> <li>• Microbiota Directed Therapies for IBD: Focus on transplantation Paul Moayyedi*, McMaster University</li> </ul>	Mackenzie

\* American College of Gastroenterology Fellow or Master

† Session includes oral presentations of key abstracts



## FRIDAY FEBRUARY 26

- Determinants of intestinal permeability in healthy first degree relatives of Crohn's disease patients (Abstract 1)
  - W Turpin<sup>2</sup>, D Kevans<sup>1</sup>, K Shestopaloff<sup>3</sup>, M Smith<sup>2</sup>, D Guttman<sup>2</sup>, MS Silverberg<sup>1</sup>, W Xu<sup>3</sup>, A Paterson<sup>4</sup>, K Croitoru<sup>1</sup>
  - <sup>1</sup>Mount Sinai Hospital, Toronto, Ontario; <sup>2</sup>University of Toronto, Toronto, Ontario; <sup>3</sup>Dalla Lana School of Public Health, Toronto, Ontario; <sup>4</sup>The Hospital for Sick Children, Toronto, Ontario*

09h30-15h00 ASGE VIDEO CENTRE & EPORTAL CENTRE (See pages 31-32) Saint-Charles

09h30-10h00 Exhibits and Nutrition Break Le Grand Salon/Hochelagas 1-3

10h00-11h30 CAG/CASL POSTGRADUATE COURSE Marquette/Jolliet  
**Inpatient Hepatology**

**Learning Objectives:**

At the end of this session participants will be able to:

1. Develop an approach to pre-operative assessment and optimization for the liver patient undergoing non-liver procedures.
2. Apply a stepwise approach in encephalopathy management in their practice.
3. Explore the benefits and risks of therapies for alcoholic hepatitis.

Co-Chairs: Hemant Shah, University of Toronto and Jeffrey So, Halton Healthcare

- Preparing the Patient with Liver Disease for Surgery: Risk assessment and optimization  
Rohit Loomba, University of California, San Diego
- Reducing the Confusion around Managing Hepatic Encephalopathy: Update on treatment  
Philip Wong, McGill University
- Controversies and Clarity in Managing Acute Alcoholic Hepatitis  
Meredith Borman, University of Calgary
  - CAG co-developed this program with Bristol-Myers Squibb Canada to achieve scientific integrity, objectivity and balance –

10h00-11h30 †CAG/CROHN'S AND COLITIS CANADA Mackenzie  
 STUDENT PRIZE PAPER PRESENTATIONS

Co-Chairs: Aida Fernandes, Crohn's and Colitis Canada (CCC) and François Boudreau, Université de Sherbrooke

**CAG Student Prize**

- Integrin  $\alpha 1\beta 1$  is controlled by the MYC oncogenic factor and confers pro-proliferative and pro-migratory advantage to colorectal cancer cells (Abstract 2)
  - S Boudjadi<sup>2</sup>, G Bernatchez<sup>2</sup>, B Senicourt<sup>1</sup>, M Beauséjour<sup>2</sup>, PH Vachon<sup>2</sup>, J Carrier<sup>2</sup>, J Beaulieu<sup>2</sup>
  - <sup>1</sup>Université de Sherbrooke, Sherbrooke, Québec; <sup>2</sup>Anatomie et Biologie Cellulaire, Université de Sherbrooke, Sherbrooke, Québec*

**CAG Student Prize**

- Role of the phosphatase DUSP6 in the control of intestinal tumorigenesis and inflammation (Abstract 3)
  - K Beaudry, A Montagne, M Langlois, S Cagnol, N Rivard
  - Université de Sherbrooke, Sherbrooke, Québec*

**CAG Student Prize**

- Fecal immunochemical testing and fecal calprotectin predict mucosal healing in inflammatory bowel disease: A prospective study (Abstract 4)
  - C Ma, R Lumb, RR Foshaug, T Dang, S Verma, V Huang, KI Kroeker, K Wong, LA Dieleman, BP Halloran, R Fedorak
  - University of Alberta, Edmonton, Alberta*

**CCC Student Prize**

- The interaction between NOD2 and smoking is specific to the 1007fs SNP of the NOD2 gene in Crohn's disease: A systematic review and meta-analysis (Abstract 5)
  - E Kuenzig<sup>3</sup>, B Eksteen<sup>2</sup>, HW Barkema<sup>3</sup>, C Seow<sup>2</sup>, C Barnabe<sup>2</sup>, MS Silverberg<sup>1</sup>, P Lakatos<sup>5</sup>, R Panaccione<sup>2</sup>, S Ghosh<sup>2</sup>, GG Kaplan<sup>4</sup>

\* American College of Gastroenterology Fellow or Master

† Session includes oral presentations of key abstracts

<sup>1</sup>Mount Sinai Hospital, Toronto, Ontario; <sup>2</sup>University of Calgary, Calgary, Alberta; <sup>3</sup>Community Health Sciences, University of Calgary, Calgary, Alberta; <sup>4</sup>Medicine and Community Health Sciences, University of Calgary, Calgary, Alberta; <sup>5</sup>Semmelweis University, Budapest, Hungary

### CCC Student Prize

- Intravenous immunoglobulin-induced regulatory macrophages produce IL-10 and may be useful to treat inflammatory bowel disease (Abstract 6)
  - L Kozicky, S Menzies, LM Sly  
*University of British Columbia, Vancouver, British Columbia*

10h00-11h30

### †CAG SELECTED CLINICAL PRESENTATIONS

Duluth

#### Learning Objectives:

At the end of this session participants will be able to:

1. Explore innovations in the clinical care of patients with complex gastrointestinal disease.
2. Evaluate new information related to advances in the treatment of gastrointestinal diseases.
3. Recognize new directions in research into the management and care of patients with GI illness.

Co-Chairs: Grigorios Leontiadis, McMaster University and Jill Tinmouth, University of Toronto

- Trends in incidence of pediatric inflammatory bowel disease in Canada: Population-based estimates from the Canadian Gastro-intestinal Epidemiology Consortium (CanGIEC) (Abstract 7)
    - EI Benchimol<sup>2</sup>, CN Bernstein<sup>3</sup>, A Bitton<sup>4</sup>, MW Carroll<sup>1</sup>, W El-Matary<sup>3</sup>, A Otley<sup>5</sup>, H Singh<sup>3</sup>, GC Nguyen<sup>7</sup>, A Griffiths<sup>7</sup>, DR Mack<sup>2</sup>, N Mojaverian<sup>2</sup>, M Vutcovici<sup>4</sup>, Y Cui<sup>5</sup>, Z Nugent<sup>3</sup>, D Tanyingoh<sup>6</sup>, GG Kaplan<sup>6</sup>  
*<sup>1</sup>University of Alberta, Edmonton, Alberta; <sup>2</sup>University of Ottawa, Ottawa, Ontario; <sup>3</sup>University of Manitoba, Winnipeg, Manitoba; <sup>4</sup>Royal Victoria Hospital, McGill University, Montréal, Québec; <sup>5</sup>Pediatrics, Dalhousie University, Halifax, Nova Scotia; <sup>6</sup>Medicine and Community Health Sciences, University of Calgary, Calgary, Alberta; <sup>7</sup>University of Toronto, Toronto, Ontario*
  - Steroid-free remission among Canadian pediatric inflammatory bowel disease patients (Abstract 8)
    - PC Church<sup>1</sup>, T Walters<sup>1</sup>, EI Benchimol<sup>6</sup>, K Jacobson<sup>2</sup>, W El-Matary<sup>3</sup>, C Deslandres<sup>4</sup>, H Huynh<sup>5</sup>, M Carroll<sup>5</sup>, E Wine<sup>5</sup>, DR Mack<sup>6</sup>, J Van Limbergen<sup>7</sup>, A Otley<sup>7</sup>, A Griffiths<sup>1</sup>  
*<sup>1</sup>The Hospital for Sick Children, Toronto, Ontario; <sup>2</sup>BC Children's Hospital, Vancouver, British Columbia; <sup>3</sup>University of Manitoba, Winnipeg, Manitoba; <sup>4</sup>Service de gastro-entérologie, Hôpital Sainte-Justine, Montréal, Québec; <sup>5</sup>Stollery Children's Hospital, Edmonton, Alberta; <sup>6</sup>Pediatrics, University of Ottawa/CHEO, Ottawa, Ontario; <sup>7</sup>Pediatric Gastroenterology and Nutrition, IWK Health Centre, Halifax, Nova Scotia*
  - A randomized comparison of high definition colonoscopy alone with high definition dye spraying chromoendoscopy and electronic virtual chromoendoscopy using iSCAN for detection of colonic dysplastic lesions during IBD surveillance (Abstract 9)
    - M Iacucci<sup>1</sup>, M Fort Gasia<sup>1</sup>, R Panaccione<sup>1</sup>, A Oluseyi<sup>1</sup>, S Urbanski<sup>2</sup>, M Parham<sup>2</sup>, S Ghosh<sup>1</sup>  
*<sup>1</sup>Gastroenterology and <sup>2</sup>Department of Pathology – University of Calgary, Calgary, Alberta*
  - A virtual reality curriculum in non-technical skills improves performance in colonoscopy: A randomized trial (Abstract 10)
    - SC Grover<sup>1</sup>, MA Scaffidi<sup>1</sup>, B Chana<sup>1</sup>, K Gupta<sup>1</sup>, M Zasowski<sup>1</sup>, O Zarghom<sup>1</sup>, C Dargavel<sup>1</sup>, T Alomani<sup>1</sup>, A Kamani<sup>1</sup>, S Sharma<sup>1</sup>, CM Walsh<sup>2</sup>  
*<sup>1</sup>Gastroenterology, University of Toronto, Toronto, Ontario; <sup>2</sup>Gastroenterology, Hepatology and Nutrition, Hospital for Sick Children and The Wilson Centre, Toronto, Ontario*
  - Cost-effectiveness of Hemospray™ in patients with non variceal upper gastrointestinal bleeding (Abstract 11)
    - AN Barkun<sup>\*</sup>, V Adam, Y Chen, Y Lu, M Martel  
*McGill University, Montréal, Québec*
  - New oral anticoagulants and gastrointestinal hemorrhage: A systematic review and meta-analysis (Abstract 12)
    - A Dorreen<sup>1</sup>, C Miller<sup>3</sup>, M Martel<sup>2</sup>, AN Barkun<sup>3</sup>  
*<sup>1</sup>Dalhousie University, Halifax, Nova Scotia; <sup>2</sup>McGill University Health Center, Montréal, Québec; <sup>3</sup>Gastroenterology, McGill University, The Montreal General Hospital, GI Division, Montréal, Québec*
- CAG co-developed this program with Ferring Pharmaceuticals to achieve scientific integrity, objectivity and balance –

\* American College of Gastroenterology Fellow or Master

† Session includes oral presentations of key abstracts

## FRIDAY FEBRUARY 26

11h30-12h30	Exhibits and Lunch	Le Grand Salon/Hochelagas 1-3
12h30-14h30	CAG/CASL POSTGRADUATE COURSE Safety Monitoring	Marquette/Jolliet
<hr/>		
<p><b>Learning Objectives:</b>            At the end of this session participants will be able to:</p> <ol style="list-style-type: none"> <li>1. List addressable causes of interval colon cancers and adapt their endoscopic practices accordingly.</li> <li>2. Compare and contrast the risk-benefits of long-term proton pump inhibitor use.</li> <li>3. Appreciate the possible impact of carbapenem-resistant <i>Enterobacteriaceae</i> on current endoscopic disinfection processes.</li> </ol>		
<hr/>		
<p>Co-Chairs: Alan Barkun*, McGill University and Dan Sadowski, University of Alberta</p> <ul style="list-style-type: none"> <li>• Interval Colon Cancer: How many cancers are we missing and why? Linda Rabeneck*, Colon Cancer Ontario</li> <li>• Long-Term Risks of Proton Pump Inhibitors: What should I tell my patient? Grigorios Leontiadis, McMaster University</li> <li>• How to Keep your Endoscopy Unit out of the Headlines Adam Slivka, University of Pittsburgh</li> </ul>		
12h30-14h30	†CAG SYMPOSIUM: Cellular Reprogramming in Gastrointestinal Diseases	Mackenzie
<hr/>		
<p><b>Learning Objectives:</b>            At the end of this session participants will be able to:</p> <ol style="list-style-type: none"> <li>1. Outline new and cutting edge techniques that facilitate the study of GI disease.</li> <li>2. Describe new approaches to grow and manipulate GI epithelia as well as intestinal stem cells.</li> <li>3. Use 3D cell cultures and organoids to answer key questions in GI research.</li> </ol>		
<hr/>		
<p>Co-Chairs: Nathalie Perreault, Université de Sherbrooke and Bruce Vallance, University of British Columbia</p> <ul style="list-style-type: none"> <li>• Manipulating Gastric Organoids in the Study of Gastric Pathophysiology following Infection Nicola Jones, University of Toronto</li> <li>• The gut microbiota-dependent metabolite, TMAO, protects against colitis: A role for the inhibition of apoptosis? (Abstract 13) – <u>A Al Rajabi</u>, A Wang, DM McKay <i>University of Calgary, Calgary, Alberta</i></li> <li>• Three-dimensional Organotypic Culture to Study Esophageal Diseases Marie-Pier Tetreault, Northwestern University</li> <li>• Effects of milk lipid globule membrane on post-natal intestinal development (Abstract 14) – <u>G Bhinder</u>, R Dyer, S Innis, B Vallance <i>University of British Columbia, Vancouver, British Columbia</i></li> <li>• Defining the Structure of the Intestinal Ecosystem by Host-microbial Interactions Thaddeus Stappenbeck, Washington University in St. Louis</li> </ul>		
14h30-15h00	Exhibits and Nutrition Break	Le Grand Salon/Hochelagas 1-3

\* American College of Gastroenterology Fellow or Master

† Session includes oral presentations of key abstracts

<p>15h00-16h30</p>	<p>CAG/CASL POSTGRADUATE COURSE Video Endoscopy</p> <hr/> <p><b>Learning Objectives:</b> At the end of this session participants will be able to:</p> <ol style="list-style-type: none"> <li>1. Describe three techniques for improved visualization of dysplasia during colonoscopy and discuss ways to implement changes in their own practice to improve dysplasia detection.</li> <li>2. Outline the potential benefits and challenges of peroral endoscopic myotomy (POEM) vs. surgical or balloon dilation approach to achalasia.</li> <li>3. Explore how to implement recent advances in endoscopic training into their endoscopic practice.</li> </ol> <hr/> <p>Co-Chairs: Lawrence Hookey, Queen's University and Kevin Waschke, McGill University</p> <ul style="list-style-type: none"> <li>• Advances in Endoscopic Imaging and Diagnosis Ralf Kiesslich, Johannes Gutenberg University of Mainz</li> <li>• POEM: The New Standard for the Treatment of Achalasia? Robert Bechara, Queen's University</li> <li>• Advances in Endoscopic Imaging Kevin Waschke</li> </ul>	<p>Marquette/Jolliet</p>
<p>15h00-16h30</p>	<p>CAG SYMPOSIUM: †Colonic Motility</p> <hr/> <p><b>Learning Objectives:</b> At the end of this session participants will:</p> <ol style="list-style-type: none"> <li>1. Recognize the latest developments in high resolution manometry of the human colon and its clinical significance.</li> <li>2. Be aware of the current hypotheses as to mechanisms underlying colonic motility in animal models and humans.</li> <li>3. Describe the intrinsic and extrinsic innervation of the colon, its role in motility control and changes occurring during inflammation.</li> </ol> <hr/> <p>Co-Chairs: Christopher Andrews, University of Calgary and Jan Huizinga, McMaster University</p> <ul style="list-style-type: none"> <li>• Resolving Colonic Dysmotility Using High Resolution Colonic Manometry Philip Dinning, Flinders University, South Australia</li> <li>• Mechanisms Underlying Colonic Motility Jan Huizinga</li> <li>• Mesotrypsin evokes PAR2 dependent excitability of nociceptive dorsal root ganglia (DRG) neurons (Abstract 15) – CD Lopez Lopez<sup>1</sup>, JO Jaramillo Polanco<sup>1</sup>, C Rolland-Fourcade<sup>2</sup>, N Vergnolle<sup>2</sup>, S Vanner<sup>1</sup> <i><sup>1</sup>Gastrointestinal Diseases Research Unit, Queen's University, Kingston, Ontario; <sup>2</sup>INSERM UMR-1043, Toulouse, France</i></li> <li>• Neural Regulation of Colonic Motility Alan Lomax, Queen's University</li> </ul>	<p>Mackenzie</p>
<p>16h30-17h30</p>	<p>CAG ANNUAL GENERAL MEETING</p>	<p>Mackenzie</p>
<p>16h30-17h30</p>	<p>CASL ANNUAL GENERAL MEETING</p>	<p>Duluth</p>

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## FRIDAY FEBRUARY 26

17h30-18h30

### CDDW™ OPENING RECEPTION

Le Grand Salon/Hochelagas 1-3

The conference showcases the latest, cutting-edge products, equipment and services for gastroenterology clinicians and researchers. Exhibitors include companies from the pharmaceutical and food industry as well as the device/instrumentation sector, not-for-profits, and charitable organizations. We invite you to help us open the meeting, take time to get to know the exhibitors and their offerings, and catch up with colleagues while enjoying complimentary drinks and hors d'œuvres. *Give a note of thanks to our sponsors and exhibitors as without their critical support this meeting would not be possible!* While at each exhibit booth have your badge scanned to be entered into a contest for a chance to win 1 of 12 room nights at the Fairmont Banff Springs (base room and taxes) for CDDW™ 2017.

18h30-20h00

### TRAINEE MIXER

Saint-Maurice

New this year we are offering trainees the opportunity to mix and mingle with others who are at a similar stage in their career development. Whether you are a graduate student, medical student, resident or post-doctoral fellow, come meet your colleagues from across Canada to compare notes on your research, career aspirations or next steps. We respectfully ask that only trainees take part in this mixer. Light snacks and beverages (bring your drink tickets) will be served.

\* American College of Gastroenterology Fellow or Master

† Session includes oral presentations of key abstracts

## SATURDAY FEBRUARY 27

07h00-08h00	<p><b>Challenges in Gastroenterology and GI Research – Open Mic Session</b> <span style="float: right;"><b>Duluth</b></span></p> <p>Come lend your voice to identify and brainstorm solutions to the key issues facing digestive health care and GI research in Canada. Last year's session provided useful direction to CAG's Human Resources Task Force; help us continue their initiative and expand the focus while enjoying a hot breakfast.</p>
07h00-09h00	<p><b>Morning Coffee, supported by the Canadian Digestive Health Foundation</b> <span style="float: right;"><b>Booth 2001</b></span></p>
08h00-09h00	<p><b>CAG BREAKFAST WITH THE EXPERTS</b> <span style="float: right;"><b>Chaudière</b></span></p> <p><b>Celiac Disease: Case based</b></p> <hr/> <p><b>Learning Objectives:</b></p> <p>At the end of this session participants will be able to:</p> <ol style="list-style-type: none"> <li>1. Describe the association of celiac disease with other autoimmune disorders.</li> <li>2. List the differential diagnosis in patients with celiac disease when there are conflicting investigations.</li> <li>3. Identify the appropriate treatment monitoring in celiac disease.</li> </ol> <hr/> <p>Speakers: Mohsin Rashid, Dalhousie University and Alaa Rostom, University of Ottawa</p> <p style="text-align: center;">Please note that pre-registration is required to gain admittance to Breakfast with the Experts</p>
08h00-09h00	<p><b>CAG BREAKFAST WITH THE EXPERTS</b> <span style="float: right;"><b>Matapédia</b></span></p> <p><b>Barrett's Esophagus</b></p> <hr/> <p><b>Learning Objectives:</b></p> <p>At the end of this session, participants will be able to:</p> <ol style="list-style-type: none"> <li>1. Recognize the role of the various modalities used in the diagnosis and staging of high-grade dysplasia and early esophageal adenocarcinoma.</li> <li>2. Identify the indications, benefits and complications of the available endoscopic techniques in the treatment of high-grade dysplasia and early neoplasm.</li> <li>3. Appreciate the need for adequate long-term follow-up of patients successfully treated by endoscopic ablation.</li> </ol> <hr/> <p>Speakers: Ralf Kiesslich, Johannes Gutenberg University of Mainz and Serge Mayrand, McGill University</p> <p style="text-align: center;">Please note that pre-registration is required to gain admittance to Breakfast with the Experts</p>
08h00-09h00	<p><b>CASL BREAKFAST WITH THE EXPERTS</b> <span style="float: right;"><b>Harricana</b></span></p> <p><b>Difficult Autoimmune Liver Disease (AILD) Cases</b></p> <hr/> <p><b>Learning Objectives:</b></p> <p>At the end of this session, participants will be able to:</p> <ol style="list-style-type: none"> <li>1. Recognize the effects of IBD on primary sclerosing cholangitis outcomes.</li> <li>2. Be aware of the role of IgG4 in biliary disease.</li> <li>3. Discuss the use of rituximab in complex AILD.</li> </ol> <hr/> <p>Speakers: Angela Cheung, University of Toronto and Bertus Eksteen, University of Calgary</p> <p style="text-align: center;">Please note that pre-registration is required to gain admittance to Breakfast with the Experts</p>
08h00-10h00	<p>†<b>CAG SYMPOSIUM:</b> <span style="float: right;"><b>Mackenzie</b></span></p> <p><b>Epigenetics of Gastrointestinal Cancer</b></p> <hr/> <p><b>Learning Objectives:</b></p> <p>At the end of this session participants will be able to:</p> <ol style="list-style-type: none"> <li>1. Identify the role of epigenetics in the development and progression of GI cancers.</li> <li>2. List potential epigenetic biomarkers and therapeutic targets for GI cancers.</li> <li>3. Describe how nutritional epigenetics influences GI cancers.</li> </ol> <hr/> <p>Co-Chairs: Young-In Kim, University of Toronto and Isabella Tai, University of British Columbia</p>

\* American College of Gastroenterology Fellow or Master

† Session includes oral presentations of key abstracts

## SATURDAY FEBRUARY 27

- Role of Epigenetics in the Development and Progression of GI Cancers  
Daniel Weisenberger, University of Southern California
- Epigenetics as a Prognostic Indicator and Therapeutic Target for GI Cancers  
Bharati Bapat, University of Toronto
- Nutritional Epigenetics: A mechanistic link between nutrition and GI cancers?  
Young-In Kim
- VacA-disrupted autophagy promotes accumulation of *Helicobacter pylori* cytotoxin associated gene a during chronic infection (Abstract 16)  
– M Abdullah<sup>1</sup>, LK Greenfield<sup>1</sup>, M Capurro<sup>1</sup>, C O'Brien<sup>2</sup>, N Jones<sup>1</sup>  
<sup>1</sup>Cell Biology Program, Research Institute, The Hospital for Sick Children, Toronto, Ontario; <sup>2</sup>Princess Margaret Cancer Centre, University Health Network, Toronto, Ontario
- The role of SHP-1 as a tumor suppressor gene in intestinal epithelium (Abstract 17)  
– C Leblanc, G Coulombe, N Rivard  
Université de Sherbrooke, Sherbrooke, Québec

08h30-10h00

†CASL PAPER SESSION 1

Duluth

### Learning Objectives:

At the end of this session participants will be able to:

1. Explore innovations in the clinical care of patients with complex liver disease.
2. Evaluate new information related to advances in the treatment of liver disease.
3. Recognize new directions in research into the management and care of patients with liver disease.

Co-Chairs: Mark Swain, University of Calgary and Eric Yoshida\*, University of British Columbia

### CASL Student Prize

- Prevalence and factors associated with nonalcoholic fatty liver disease as diagnosed by transient elastography with controlled attenuation parameter in HIV mono-infected patients (Abstract 18)  
– E Vuille-Lessard, L Lennox, C Pexos, B Lebouche, MB Klein, G Sebastiani  
Royal Victoria Hospital, McGill University Health Center, Montréal, Québec
- Minimal hepatic encephalopathy renders the brain susceptible to hypotension-induced neuronal cell loss in BDL rats (Abstract 19)  
– M Clément<sup>1</sup>, CR Bosoi<sup>1</sup>, M Tremblay<sup>1</sup>, C Bemeur<sup>2</sup>, CF Rose<sup>1</sup>  
<sup>1</sup>CRCHUM, Montréal, Québec; <sup>2</sup>Nutrition, Université de Montréal, Montréal, Québec
- Risk factors and outcomes of non-skin cancers after liver transplantation for primary sclerosing cholangitis (Abstract 20)  
– MA Mouchli, S Singh, JA Talwalkar, EV Loftus, C Rosen, J Heimbach, RH Wiesner, K Watt, JJ Poterucha  
Mayo Clinic, Rochester, Minnesota
- Cirrhotic patients with sarcopenia and sarcopenic-obesity have an increased risk of hyperammonemia and hepatic encephalopathy (Abstract 21)  
– AJ Montano-Loza<sup>3</sup>, A Duarte-Rojo<sup>4</sup>, RA Bhanji<sup>2</sup>, CF Rose<sup>1</sup>  
<sup>1</sup>Hôpital St-Luc, CRCHUM, Université de Montréal, Montréal, Québec; <sup>2</sup>University of Alberta, Edmonton, Alberta; <sup>3</sup>Division of Gastroenterology & Liver Unit, University of Alberta, Edmonton, Alberta; <sup>4</sup>University of Arkansas for Medical Sciences, Little Rock, Arkansas
- Reduced hepatic PGC-1 $\alpha$  leads to oxidative stress and worsened NAFLD progression (Abstract 22)  
– A Besse-Patin, JL Estall  
Mécanismes Moléculaires du Diabète, Institut de Recherches Cliniques de Montréal, Montréal, Québec
- Post-transplant cholestasis within 1-year predicts PSC recurrence (Abstract 23)  
– S Wasilenko<sup>1</sup>, E Lytvyak<sup>2</sup>, AJ Montano-Loza<sup>2</sup>, AL Mason<sup>2</sup>  
<sup>1</sup>University of Alberta, Edmonton, Alberta; <sup>2</sup>Division of Gastroenterology & Liver Unit, University of Alberta, Edmonton, Alberta  
– CAG co-developed this program with Lupin Pharma Canada Ltd. to achieve scientific integrity, objectivity and balance –

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† Session includes oral presentations of key abstracts

## SATURDAY FEBRUARY 27

09h00-10h00	<p><b>CAG SYMPOSIUM</b>  <b>Precision Medicine as an Emerging Theme in Gastroenterology</b></p> <hr/> <p><b>Learning Objectives:</b>          At the end of this session participants will be able to:</p> <ol style="list-style-type: none"> <li>1. Consider the implications for new biomarkers to tailor the care of digestive disorders in Canada in the coming decade.</li> <li>2. Recognize how best to stay updated and maintain the skill-set required for gastroenterology healthcare providers in 2020.</li> </ol> <hr/> <p>Co-Chairs: Jonathan Meddings, University of Calgary and Philip Sherman, Canadian Institutes of Health Research</p> <ul style="list-style-type: none"> <li>• Update: CIHR Institute of Nutrition, Metabolism and Diabetes Refreshed Strategic Plan 2015-2018 Philip Sherman</li> <li>• The Future of Precision Medicine in Gastroenterology Jane Aubin, Canadian Institutes of Health Research</li> <li>• How will Precision Medicine Change Education and Research in Gastroenterology? Nicola Jones, University of Toronto             <ul style="list-style-type: none"> <li>– CAG co-developed this program with the Canadian Institutes of Health Research Institute of Nutrition, Metabolism and Diabetes to achieve scientific integrity, objectivity and balance –</li> </ul> </li> </ul>	Marquette/Jolliet
10h00-10h30	<p><b>CLF-CASL GOLD MEDAL LECTURE</b>  <b>A Personal Journey Through the History of Hepatology: The Role of Good Fortune</b>          Morris Sherman*, University of Toronto          – Introduction by Eberhard Renner</p>	Marquette/Jolliet
10h30-15h30	ASGE VIDEO CENTRE & EPORTAL CENTRE (See pages 31-32)	Saint-Charles
10h30-11h00	Exhibits and Nutrition Break	Le Grand Salon/Hochelagas 1-3
11h00-11h40	<p><b>SMALL GROUP SESSIONS (See details on pages 33-39)</b></p> <p>SEE (Skills Enhancement for Endoscopy): Practical tips          (CAG co-developed this program with Olympus Canada to achieve scientific integrity, objectivity and balance) <span style="float: right;">Richelieu</span></p> <p>SEE: Practical tips          (CAG co-developed this program with PENTAX Medical to achieve scientific integrity, objectivity and balance) <span style="float: right;">Gatineau</span></p> <p>Investigation of the Small Bowel          (CAG co-developed this program with Olympus Canada to achieve scientific integrity, objectivity and balance) <span style="float: right;">Bersimis</span></p> <p>Ultrasound and IBD          (CAG co-developed this program with Merck Canada Inc. to achieve scientific integrity, objectivity and balance) <span style="float: right;">Saint Laurent</span></p> <p>Refractory Encopresis in Pediatrics <span style="float: right;">Kamouraska 1+2</span></p> <p>Work-Life Balance Issues <span style="float: right;">Ramezay</span></p> <p>Interventional EUS          (CAG co-developed this program with Olympus Canada to achieve scientific integrity, objectivity and balance) <span style="float: right;">Péribonka</span></p> <p>Infection Models <span style="float: right;">Youville 1+2</span></p> <p>Case Discussions in Pediatric Chronic Viral Hepatitis          (CAG co-developed this program with Merck Canada Inc. to achieve scientific integrity, objectivity and balance) <span style="float: right;">Chaudière</span></p> <p>Thrombosis and Liver Disease - When to anticoagulate <span style="float: right;">Matapédia</span></p> <p>HIV and Liver Transplant - Outcomes, barriers and what to expect <span style="float: right;">Harricana</span></p> <p style="text-align: center;">Please note that pre-registration is required to gain admittance to Small Group Sessions</p>	

\* American College of Gastroenterology Fellow or Master

† Session includes oral presentations of key abstracts



## SATURDAY FEBRUARY 27

11h40-11h50	Break	
11h50-12h30	<p><b>SMALL GROUP SESSIONS</b> (See details on pages 33-39)</p> <p>SEE: Practical tips (CAG co-developed this program with Olympus Canada to achieve scientific integrity, objectivity and balance) <span style="float: right;">Richelieu</span></p> <p>Updates in Fecal Microbiota Transplant <span style="float: right;">Saint Laurent</span></p> <p>Colonic Motility <span style="float: right;">Kamouraska 1+2</span></p> <p>Early Onset IBD in Pediatrics (CAG co-developed this program with Janssen Inc. to achieve scientific integrity, objectivity and balance) <span style="float: right;">Bersimis</span></p> <p>Marijuana and GI Disease <span style="float: right;">Ramezay</span></p> <p>Colonic Polypectomy (CAG co-developed this program with PENTAX Medical to achieve scientific integrity, objectivity and balance) <span style="float: right;">Péribonka</span></p> <p>CDHF Session: Protecting the Human Gut Microbiota to Enhance Health (CAG co-developed this program with Shire Pharma Canada ULC to achieve scientific integrity, objectivity and balance) <span style="float: right;">Youville 1+2</span></p> <p>Acute on Chronic Liver Failure - When is the patient too sick for transplant? <span style="float: right;">Chaudière</span></p> <p>Lean Non-alcoholic Fatty Liver Disease (NAFLD) - Is it Different than Obese NAFLD? <span style="float: right;">Matapédia</span></p> <p>Intermediate Stage HCC - What to Do? <span style="float: right;">Harricana</span></p> <p style="text-align: center;">Please note that pre-registration is required to gain admittance to Small Group Sessions</p>	
12h30-13h30	Exhibits and Lunch	Le Grand Salon/Hochelagas 1-3
13h30-15h00	<p><b>CIHR-CAG SYMPOSIUM</b> <b>The Role of Nutrition in Gastroenterology</b></p> <hr/> <p><b>Learning Objectives:</b> At the end of this session participants will be able to:</p> <ol style="list-style-type: none"> <li>1. Describe dietary interventions for GI symptoms and food intolerance.</li> <li>2. Be aware of the low-FODMAP diet.</li> <li>3. Have insight into a holistic analysis of eating patterns as opposed to a more "bean counting approach".</li> <li>4. Discuss case-based strategies to combat malnutrition in hospitalized patients.</li> </ol> <hr/> <p>Co-Chairs: Leah Gramlich, University of Alberta and Khursheed Jeejeebhoy, University of Toronto</p> <ul style="list-style-type: none"> <li>• Bloating, Functional Bowel Disease and Food Sensitivity: Non-celiac gluten sensitivity, the low FODMAP diet and beyond? Low FODMAP diet and the future of food intolerance Peter Gibson, Monash University</li> <li>• The Practical Dietary Guidelines Jean-Claude Moubarac, Université de Montréal</li> <li>• The Role of the Gastroenterologist in Hospital Malnutrition Leah Gramlich and Khursheed Jeejeebhoy</li> </ul> <p style="text-align: center;">– CAG co-developed this program with the Canadian Institutes of Health Research Institute of Nutrition, Metabolism and Diabetes to achieve scientific integrity, objectivity and balance –</p>	Marquette/Jolliet

\* American College of Gastroenterology Fellow or Master

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**SATURDAY FEBRUARY 27**

13h30-15h00	<p><b>CASL SYMPOSIUM</b>  <b>Updates in Pediatric Cholestasis</b></p> <hr/> <p><b>Learning Objectives:</b>          At the end of this session participants will be able to:</p> <ol style="list-style-type: none"> <li>1. Identify the role of non-invasive markers of fibrosis and inflammation in primary sclerosing cholangitis.</li> <li>2. Recognize recent advances in the genetics and therapeutics of progressive familial intrahepatic cholestasis.</li> <li>3. Explore physiological roles, and therapeutic targets, for bile acid-mediated regulation of metabolism in liver and intestine that impact upon NAFLD and cholestatic disorders.</li> </ol> <hr/> <p>Co-Chairs: Binita Kamath, University of Toronto and Richard Schreiber, University of British Columbia</p> <ul style="list-style-type: none"> <li>• Primary Sclerosing Cholangitis: Monitoring and surveillance for teens in the modern era Bertus Eksteen, University of Calgary</li> <li>• Updates in Progressive Familial Intrahepatic Cholestasis Binita Kamath</li> <li>• Bile Acid-based Therapeutics for Liver and Obesity-related Disorders Saul Karpen, Emory University</li> </ul>	Duluth
13h30-15h00	<p><b>RESEARCH CAREER DEVELOPMENT</b></p> <hr/> <p><b>Learning Objectives:</b>          At the end of this session participants will:</p> <ol style="list-style-type: none"> <li>1. Have a better understanding of career paths inside and outside of academia.</li> <li>2. Be better equipped to seek and secure a productive post-doctoral fellowship.</li> <li>3. Be able to recognize and foster the development of marketable skills beyond those learned in the lab.</li> </ol> <hr/> <p>Co-Chairs: Simon Hirota, University of Calgary and Martin Stahl, University of British Columbia</p> <ul style="list-style-type: none"> <li>• How to Get the Most Out of Your Postdoctoral Fellowship Simon Hirota/Martin Stahl</li> <li>• Views from Industry: Insight into a career outside of academia Ryan Conder, STEMCELL Technologies</li> <li>• I am a Scientist and I Play One on TV Jennifer Gardy, University of British Columbia</li> </ul>	Mackenzie
15h00-15h30	Exhibits and Nutrition Break	Le Grand Salon/Hochelagas 1-3
15h30-16h30	<p><b>KOPEMAN LECTURE</b>  <b>Pediatric IBD: Integrating clinical care and research</b></p> <p>Anne Griffiths, University of Toronto          – Introduction by Decker Butzner</p>	Mackenzie

\* American College of Gastroenterology Fellow or Master  
 † Session includes oral presentations of key abstracts

<p>15h30-17h00</p>	<p>CAG SYMPOSIUM Monitoring Disease Activity in IBD</p> <hr/> <p>Learning Objectives: At the end of this session participants will be able to:</p> <ol style="list-style-type: none"> <li>1. Recognize the role of patient experience and identify the utility of patient report approaches in the assessment of disease activity in patients with IBD.</li> <li>2. Identify the operating characteristics of serum and fecal inflammatory biomarkers for assessment of disease activity in patients with IBD.</li> <li>3. Determine the role of endoscopic and radiologic evaluation in the assessment of disease activity in patients with IBD.</li> </ol> <hr/> <p>Co-Chairs: Waqqas Afif, McGill University and Charles Bernstein*, University of Manitoba</p> <ul style="list-style-type: none"> <li>• Stress, Clinical Symptoms and Patient Report in the Assessment of Disease Activity in IBD Lesley Graff, University of Manitoba</li> <li>• Serum and Stool Markers in the Assessment of Disease Activity in IBD Edward Loftus*, Mayo Clinic, Rochester</li> <li>• Radiology and Endoscopy in the Assessment of Disease Activity in IBD Talat Bessissow, McGill University</li> <li>• Panel Discussion/Cases – CAG co-developed this program with AbbVie to achieve scientific integrity, objectivity and balance –</li> </ul>	<p>Marquette/Jolliet</p>
<p>15h30-17h00</p>	<p>CASL SYMPOSIUM Optimizing Fatty Liver Outcomes</p> <hr/> <p>Learning Objectives: At the end of this session participants will be able to:</p> <ol style="list-style-type: none"> <li>1. Evaluate the evidence base for current fatty liver treatments.</li> <li>2. Recognize the role of non-medical management for nonalcoholic steatohepatitis.</li> <li>3. Appreciate that fatty liver is more than a liver disease.</li> </ol> <hr/> <p>Co-Chairs: Melanie Beaton, Western University and Saumya Jayakumar, University of Calgary</p> <ul style="list-style-type: none"> <li>• Treatment Options for NAFLD: Current and practical management considerations for your practice Rohit Loomba, University of California, San Diego</li> <li>• Bariatric Surgery for NAFLD Bandar Al-Judaibi, Western University</li> <li>• Extrahepatic Complications of NAFLD Keyur Patel, University of Toronto</li> </ul>	<p>Duluth</p>
<p>17h00-17h30</p>	<p>MCKENNA RECEPTION</p>	<p>Conference Level Foyer</p>
<p>17h30-18h30</p>	<p>RD MCKENNA MEMORIAL LECTURE Working on the Barrier Johan Söderholm, Linköping University – Introduction by Derek McKay</p> <p>Immediately preceding the McKenna Lecture there will be a short presentation of the Canadian Association of Gastroenterology Fellows (CAGF) inducted for 2016. CAGF is an esteemed honour for CAG members who have demonstrated long-term commitment to the Association and to furthering the goals of advancing gastroenterology practice and GI research in Canada</p>	<p>Marquette/Jolliet</p>

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† Session includes oral presentations of key abstracts

## SATURDAY FEBRUARY 27

18h30-20h00

### POSTER SESSION 1

Hochelagas 4-6/Saguenay/Saint-Maurice

Join authors and colleagues in relaxed and informative discussions while enjoying beverages and light snacks. Please be sure to see the Posters of Distinction (A35, A82, A100, A115-A123, A152, A156) located throughout the poster area and identified with a ribbon.

08h00-09h00	<p>CAG BREAKFAST WITH THE EXPERTS Difficult Cases in Crohn's Disease</p>	Chaudière
<hr/> <p><b>Learning Objectives:</b> At the end of this session participants will be able to:</p> <ol style="list-style-type: none"> <li>1. Identify options for assessing for postoperative recurrence of Crohn's disease.</li> <li>2. Recognize the utility of therapeutic drug monitoring in individuals with recurrent Crohn's disease on biologic therapy.</li> <li>3. Discuss medical options for individuals with anti-TNF refractory (or anti-TNF intolerant) Crohn's disease.</li> </ol> <hr/>		
<p>Speakers: Edward Loftus*, Mayo Clinic, Rochester and Chad Williams, Saint John</p> <p>Please note that pre-registration is required to gain admittance to Breakfast with the Experts – CAG co-developed this program with Janssen Inc. to achieve scientific integrity, objectivity and balance –</p>		
08h00-09h00	<p>CAG BREAKFAST WITH THE EXPERTS Advances in <i>Helicobacter pylori</i> Therapeutics</p>	Matapédia
<hr/> <p><b>Learning Objectives:</b> At the end of this session participants will be able to:</p> <ol style="list-style-type: none"> <li>1. Describe the two main new CAG/Canadian Helicobacter Study Group recommended options for first line therapy of <i>H. pylori</i> infection.</li> <li>2. Explain choices for second line therapy depending on the treatment that previously failed.</li> <li>3. Recognize the treatment algorithm for <i>H. pylori</i> as recommended by the CAG/Canadian Helicobacter Study Group.</li> </ol> <hr/>		
<p>Speakers: Naoki Chiba, McMaster University and Carlo Fallone, McGill University</p> <p>Please note that pre-registration is required to gain admittance to Breakfast with the Experts</p>		
08h00-09h00	<p>CASL BREAKFAST WITH THE EXPERTS HRS and SBP: Tips and tricks</p>	Harricana
<hr/> <p><b>Learning Objectives:</b> At the end of this session participants will be able to:</p> <ol style="list-style-type: none"> <li>1. Identify best practices in managing hepatorenal syndrome and spontaneous bacterial peritonitis.</li> <li>2. Review common pitfalls in management and develop strategies that address them.</li> </ol> <hr/>		
<p>Speakers: Puneeta Tandon, University of Alberta and Cynthia Tsien, University of Toronto</p> <p>Please note that pre-registration is required to gain admittance to Breakfast with the Experts</p>		

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08h30-10h30

†CAG SYMPOSIUM:  
Innate Mucosal Immunology

Mackenzie

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Learning Objectives:

At the end of this session participants will be able to:

1. Describe the role of the inflammasome in gut inflammation.
  2. Recognize the contribution of macrophages to innate immune driven inflammation.
  3. Explain the role of NOD2 in inflammation and IBD.
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Co-Chairs: Samantha Gruenheid, McGill University and Laura Sly, University of British Columbia

- SHIP Regulates IL-1beta Transcription in Macrophages and Intestinal Autoinflammation  
Laura Sly
- *Entamoeba histolytica*-induced Inflammasome Activation and its Role in Intestinal Pathogenesis  
Kris Chadee, University of Calgary
- Role of ATG16L1 in Bacterial Autophagy - Link with Crohn's disease  
Dana Philpott, University of Toronto
- A multicenter, double-blind, placebo-controlled Ph3 study of ustekinumab, a human monoclonal antibody to IL-12/23P40, in patients with moderately-severely active Crohn's disease who are naïve or not refractory to anti-TNFα: UNITI-2 (Abstract 24)
  - BG Feagan<sup>2</sup>, C Gasink<sup>6</sup>, Y Lang<sup>6</sup>, J Friedman<sup>6</sup>, J Johanns<sup>6</sup>, L Gao<sup>6</sup>, BE Sands<sup>1</sup>, S Hanauer<sup>3</sup>, P Rutgeerts<sup>7</sup>, S Targan<sup>8</sup>, S Ghosh<sup>4</sup>, W de Villiers<sup>9</sup>, JF Colombel<sup>1</sup>, Z Tulassay<sup>10</sup>, U Seidler<sup>11</sup>, W Sandborn<sup>5</sup>  
*<sup>1</sup>Mount Sinai Medical Center, New York, New York; <sup>2</sup>Robarts Clinical Trials Inc, London, Ontario; <sup>3</sup>Northwestern University, Chicago, Illinois; <sup>4</sup>University of Calgary, Calgary, Alberta; <sup>5</sup>UCSD, La Jolla, California; <sup>6</sup>Janssen R & D, LLC, Spring House, Pennsylvania; <sup>7</sup>University Hospital Gasthuisberg, Leuven, Belgium; <sup>8</sup>Cedars-Sinai Medical Center, Los Angeles, California; <sup>9</sup>University of Cape Town, Cape Town, South Africa; <sup>10</sup>Semmelweis University, Budapest, Hungary; <sup>11</sup>Hannover Medical School, Hannover, Germany*
- Small intestinal bacteria determine gluten metabolism and immunogenicity (Abstract 25)
  - A Caminero Fernandez<sup>1</sup>, H Galipeau<sup>2</sup>, J McCarville<sup>1</sup>, C Johnston<sup>1</sup>, S Bernier<sup>1</sup>, A Russell<sup>4</sup>, J Jury<sup>1</sup>, J Casqueiro Blanco<sup>3</sup>, J Tye-Din<sup>4</sup>, M Surette<sup>1</sup>, N Magarvey<sup>1</sup>, E Verdu<sup>1</sup>  
*<sup>1</sup>McMaster University, Hamilton, Ontario; <sup>2</sup>Medical Sciences, McMaster University, Hamilton, Ontario; <sup>3</sup>Universidad De Leon, Leon, Castilla y Leon, Spain; <sup>4</sup>The Walter And Eliza Hall Institute of Medical Research, Parkville, Victoria, Australia*

09h00-10h30

CAG SYMPOSIUM  
Luminal Signaling to Nerves in Functional Disorders: Pathophysiological and clinical implications

Marquette/Jolliet

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Learning Objectives:

At the end of this session participants will be able to:

1. Recognize the relationship between stress, the microbiota, and intestinal inflammation.
  2. Describe how luminal factors can modulate sensory nerve signaling from the intestine.
  3. Discuss the role of clinical treatments targeting luminal factors in the management of functional bowel disorders.
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Co-Chairs: Premysl Bercik, McMaster University and Stephen Vanner, Queen's University

- Interplay of Stress, Gut Microbiota and Inflammation  
Michael Bailey, Ohio State University
- Luminal Signaling to Colonic Afferent Nerves  
David Reed, Queen's University
- Clinical Treatments Targeting Luminal Signaling in Functional Disorders  
Stephen Vanner

SUNDAY FEBRUARY 28

09h00-10h30	<p>†CASL PAPER SESSION 2</p> <p>Co-Chairs: Alnoor Ramji, University of British Columbia and Hemant Shah, University of Toronto</p> <p>CASL Student Prize</p> <ul style="list-style-type: none"> <li>• Characterization of hepatitis B virus (HBV) lymphotropism and immune status in chronic hepatitis B (CHB) pregnant carriers (Abstract 26) <ul style="list-style-type: none"> <li>– <u>DC Wong</u>, S Gao, S Joshi, T Matwiy, G Samadi Kochaksaraei, G Bindra, G van Marle, SR Martin, E Castillo, CS Coffin <i>University of Calgary, Calgary, Alberta</i></li> </ul> </li> <li>• End-of-life healthcare costs and utilization among patients with end-stage-liver-disease in Ontario: A population-based study (Abstract 27) <ul style="list-style-type: none"> <li>– <u>EM Kelly</u><sup>3</sup>, S Murthy<sup>3</sup>, F Wong<sup>1</sup>, T Shaw-Stiffa<sup>3</sup>, L Scully<sup>3</sup>, M Chalifoux<sup>2</sup>, P Tanuseputro<sup>2</sup>, P James<sup>3</sup> <i><sup>1</sup>Medicine, Toronto General Hospital, Toronto, Ontario; <sup>2</sup>OHRI, Ottawa, Ontario; <sup>3</sup>Department of Medicine, The Ottawa Hospital, Ottawa, Ontario</i></li> </ul> </li> <li>• Protective immunity upon HCV reinfection is associated with selection of memory CD8 T cell clonotypes with the highest functional avidity (Abstract 28) <ul style="list-style-type: none"> <li>– <u>M Boisvert</u><sup>1</sup>, MS Abdel-Hakeem<sup>1</sup>, J Bruneau<sup>2</sup>, H Soudeyns<sup>3</sup>, N Shoukry<sup>1</sup> <i><sup>1</sup>Centre de recherche du CHUM, <sup>2</sup>Centre hospitalier de l'Université de Montréal, and <sup>3</sup>Département de microbiologie, infectiologie et immunologie, Université de Montréal – Montréal, Québec</i></li> </ul> </li> <li>• Developing a prognostic model for significant liver fibrosis in HIV-hepatitis C (HCV) co-infected individuals from the Canadian co-infection cohort study (Abstract 29) <ul style="list-style-type: none"> <li>– <u>N Moqueet</u><sup>1</sup>, C Kanagaratham<sup>2</sup>, D Radzioch<sup>2</sup>, S Saeed<sup>3</sup>, RW Platt<sup>1</sup>, MB Klein<sup>4</sup> <i><sup>1</sup>Epidemiology, Biostatistics, and Occupational Health, McGill University, <sup>2</sup>Department of Medicine and Department of Human Genetics, McGill University, <sup>3</sup>Epidemiology, Biostatistics, and Occupational Health, McGill University, and <sup>4</sup>Division of Infectious Diseases and Chronic Viral Illness Service, McGill University Health Centre – Montréal, Québec</i></li> </ul> </li> <li>• Ornithine phenylacetate attenuates loss of muscle mass and improves hepatic encephalopathy in bile-duct ligated rats (Abstract 30) <ul style="list-style-type: none"> <li>– <u>CR Boso</u><sup>2</sup>, M Oliveira<sup>1</sup>, M Clément<sup>1</sup>, M Tremblay<sup>1</sup>, G Ten Have<sup>3</sup>, N Deutz<sup>3</sup>, CF Rose<sup>1</sup> <i><sup>1</sup>CRCHUM and <sup>2</sup>IRCM, Montréal, Québec; <sup>3</sup>Texas A&amp;M University, College Station, Texas</i></li> </ul> </li> <li>• Protein-calorie malnutrition is prevalent among cirrhotic patients awaiting liver transplant as measured by direct estimates of protein and calorie intake as well as both subjective and objective tools (Abstract 31) <ul style="list-style-type: none"> <li>– <u>KJ Marr</u><sup>2</sup>, A Shaheen<sup>2</sup>, L Lam<sup>3</sup>, M Stapleton<sup>2</sup>, KW Burak<sup>1</sup>, M Raman<sup>2</sup> <i><sup>1</sup>Liver Unit, University of Calgary, Calgary, Alberta; <sup>2</sup>University of Calgary, Calgary, Alberta; <sup>3</sup>Alberta Health Services, Calgary, Alberta</i></li> </ul> </li> </ul>	Duluth
10h30-15h30	ASGE VIDEO CENTRE & EPORTAL CENTRE (See pages 31-32)	Saint-Charles
10h30-11h00	Exhibits and Nutrition Break	Le Grand Salon/Hochelagas 1-3
11h00-11h40	<p>SMALL GROUP SESSIONS (See pages 33-39)</p> <p>SEE: Practical tips (CAG co-developed this program with Olympus Canada to achieve scientific integrity, objectivity and balance)</p> <p>SEE: Practical tips (CAG co-developed this program with PENTAX Medical to achieve scientific integrity, objectivity and balance)</p> <p>Exclusive Enteral Nutrition in Pediatrics</p> <p>Endoscopy in Bariatric Patients (CAG co-developed this program with PENTAX Medical to achieve scientific integrity, objectivity and balance)</p> <p>Managing Difficult Constipation</p> <p>Immunization in IBD (CAG co-developed this program with Merck Canada Inc. to achieve scientific integrity, objectivity and balance)</p>	<p>Richelieu</p> <p>Gatineau</p> <p>Ramezay</p> <p>Péribonka</p> <p>Bersimis</p> <p>Saint Laurent</p>

\* American College of Gastroenterology Fellow or Master

† Session includes oral presentations of key abstracts

## SUNDAY FEBRUARY 28

	Patient-centred Care in Endoscopy	Kamouraska 1+2
	Bioinformatics and the Microbiome (CAG co-developed this program with Shire Pharma Canada ULC to achieve scientific integrity, objectivity and balance)	Youville 1+2
	Ultrashort Treatments for HCV (CAG co-developed this program with Merck Canada Inc. to achieve scientific integrity, objectivity and balance)	Chaudière
	Designing and Delivering Effective Education Sessions	Matapédia
	Drug-Induced Liver Injury - Are there any therapies to try?	Harricana
	Please note that pre-registration is required to gain admittance to Small Group Sessions	
11h40-11h50	Break	
11h50-12h30	SMALL GROUP SESSIONS (See pages 33-39)	
	SEE: Practical tips (CAG co-developed this program with Olympus Canada to achieve scientific integrity, objectivity and balance)	Richelieu
	Intractable Abdominal Pain in Children - Management options	Ramezay
	Is this Food Intolerance or Food Allergy?	Péribonka
	Unusual Causes of Abdominal Pain	Bersimis
	Arthralgias in IBD (CAG co-developed this program with Merck Canada Inc. to achieve scientific integrity, objectivity and balance)	Saint Laurent
	Patient-centred Care in IBD (CAG co-developed this program with Janssen Inc. to achieve scientific integrity, objectivity and balance)	Kamouraska 1+2
	Competency by Design/CanMEDS 2015	Youville 1+2
	Antibody-Mediated Rejection after Liver Transplant	Chaudière
	Pulmonary Complications of Cirrhosis	Matapédia
	Can We Ever Stop Nucleoside Analogue Therapy for HBV?	Harricana
	Please note that pre-registration is required to gain admittance to Small Group Sessions	
12h30-13h30	Exhibits and Lunch	Le Grand Salon/Hochelagas 1-3
13h30-15h00	CAG SYMPOSIUM Rapid Fire 2015 Journal Review	Duluth
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Learning Objectives:		
At the end of this session participants will be:		
1. Familiar with many of the highest impact articles in clinical gastroenterology in 2015.		
2. Able to decide whether selected publications answer their clinical needs.		
3. Able to see if they agree with their peers.		
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Faculty: Desmond Leddin, Dalhousie University and David Morgan, McMaster University		
Use a clicker to vote on multiple-choice questions and test your knowledge of the key papers and findings from 2015!		

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† Session includes oral presentations of key abstracts



<p>13h30-15h00</p>	<p>CASL SYMPOSIUM <span style="float: right;">Saint-Laurent/Gatineau</span>  <b>Hepatocellular Carcinoma (HCC): Controversies in surveillance, diagnosis and management</b></p> <hr/> <p><b>Learning Objectives:</b>                  At the end of this session participants will be able to:                  1. Analyze the role of alpha-fetoprotein in HCC surveillance.                  2. Identify clinical scenarios where contrast enhanced ultrasound is useful for HCC diagnosis.                  3. Discuss controversies in HCC management in a Canadian context.</p> <hr/> <p>Co-Chairs: Kelly Burak, University of Calgary and Kevork Peltekian, Dalhousie University</p> <ul style="list-style-type: none"> <li>• Should Alpha-Fetoprotein be used with Ultrasonography for HCC Surveillance?                      Amit Singal, University of Texas Southwestern Medical Centre</li> <li>• How Can Contrast Enhanced Ultrasound Assist in the Diagnosis of HCC?                      Stephanie Wilson, University of Calgary</li> <li>• Controversies in Management of HCC (Update from CASL HCC Meeting)                      Kelly Burak</li> </ul>
<p>13h30-15h00</p>	<p>CAG RESEARCH AWARD LECTURES <span style="float: right;">Mackenzie</span></p> <p>CAG YOUNG INVESTIGATOR AWARD LECTURE  <b>The Proteomics of Colorectal Cancer: Identification of a protein signature associated with prognosis</b>                  François-Michel Boisvert, Université de Sherbrooke                  – Introduction by Nathalie Rivard</p> <p>CAG RESEARCH EXCELLENCE AWARD LECTURE  <b>Host-Microbe Interactions in the Gut: The epithelium calls the tune!</b>                  Bruce Vallance, University of British Columbia                  – Introduction by Deanna Gibson</p>
<p>15h00-15h30</p>	<p>Exhibits and Nutrition Break <span style="float: right;">Le Grand Salon/Hochelagas 1-3</span></p>
<p>15h30-17h00</p>	<p>CAG SYMPOSIUM <span style="float: right;">Duluth</span>  <b>Diarrhea and Constipation: Slow, slow, quick, quick, slow: The colonic tango</b></p> <hr/> <p><b>Learning Objectives:</b>                  At the end of this session participants will be able to:                  1. Recognize the importance of microbiota in regulation of colonic function and sensation.                  2. Improve their understanding of colonic motility through state-of-the-art diagnostic technology.                  3. Describe the latest technological and pharmacologic treatments for constipation and diarrhea.</p> <hr/> <p>Co-Chairs: Christopher Andrews, University of Calgary and Paul Moayyedi*, McMaster University</p> <ul style="list-style-type: none"> <li>• What is the Role of Microbiome in Influencing Bowel Habit?                      Premysl Bercik, McMaster University</li> <li>• Is there a Technological Solution to Constipation?                      Philip Dinning, Flinders University, South Australia</li> <li>• Pharmacological Options for Chronic Constipation and Diarrhea: Now and in the future                      Christopher Andrews                     <ul style="list-style-type: none"> <li>– CAG co-developed this program with Allergan Canada to achieve scientific integrity, objectivity and balance –</li> </ul> </li> </ul>

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† Session includes oral presentations of key abstracts

15h30-17h00	CASL SPECIAL CONFERENCE Hepatitis C Virus Update	Saint-Laurent/Gatineau
<p><b>Learning Objectives:</b> At the end of this session participants will be able to:</p> <ol style="list-style-type: none"> <li>1. Develop an approach to easy and complex HCV treatment scenarios.</li> <li>2. Evaluate resistance testing and its growing role in management of HCV.</li> <li>3. Appreciate the technical aspects and challenges of economic analysis for HCV therapies.</li> </ol>		
<p>Co-Chairs: Curtis Cooper, University of Ottawa and Jordan Feld, University of Toronto</p> <ul style="list-style-type: none"> <li>• Treating HCV is Easy, Except When It Is Hard Alnoor Ramji, University of British Columbia</li> <li>• Relevance and Risks of Resistance Richard Harrigan, BC Centre for Excellence in HIV/AIDS</li> <li>• The Immunology of the Transition from Acute to Chronic Viral Hepatitis Antonio Bertolotti, Duke-Nus Medical School, Singapore – CAG co-developed this program with AbbVie to achieve scientific integrity, objectivity and balance –</li> </ul>		
15h30-17h00	†CAG SYMPOSIUM: New Technologies	Mackenzie
<p><b>Learning Objectives:</b> At the end of this session participants will be able to:</p> <ol style="list-style-type: none"> <li>1. Evaluate how novel genomics approaches can be used for drug and biomarker discovery for colorectal cancer.</li> <li>2. Determine what novel genomic and integrative approaches can be used to identify the key biological pathways that not only explain susceptibility to common diseases but also the basis of disease heterogeneity.</li> <li>3. Explain how data-dependent and targeted proteomic analyses work, how the results can be integrated with genomic/transcriptomic type data and how proteomics can reveal biological processes that are not accessible by genomic analysis strategies.</li> </ol>		
<p>Co-Chairs: François-Michel Boisvert, Université de Sherbrooke and Eytan Wine, University of Alberta</p> <ul style="list-style-type: none"> <li>• miR-142-3p and vitamin D-mediated regulation of autophagy: Linking environmental gene interactions in IBD (Abstract 32) – F Dang<sup>2</sup>, A Hsieh<sup>2</sup>, I Verpalen<sup>2</sup>, R Murchie<sup>2</sup>, LK Greenfield<sup>2</sup>, M Abdullah<sup>2</sup>, D Philpott<sup>3</sup>, N Jones<sup>1</sup> <i><sup>1</sup>The Hospital for Sick Children, Toronto, Ontario; <sup>2</sup>Cell Biology, The Hospital for Sick Children, Toronto, Ontario; <sup>3</sup>University of Toronto, Toronto, Ontario</i></li> <li>• High Throughput Genomics in the Search for Novel Therapies and Biomarkers to Advance Management of Colorectal Cancer Isabella Tai, University of British Columbia</li> <li>• Going from Genetic Association to a Better Biologic Understanding and Treatment of Inflammatory Bowel Diseases John Rioux, Université de Montréal</li> <li>• Proteogenomic Analyses of Colorectal Carcinoma Robbert Slebos, Vanderbilt University Medical School</li> </ul>		
17h00-18h00	2016 CDDW™ AWARDS CEREMONY	St. François
<p>We invite you to join us at the annual Awards Ceremony to congratulate and celebrate with the many awardees as awards from the Associations are formally presented.</p>		

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† Session includes oral presentations of key abstracts

## SUNDAY FEBRUARY 28

18h00-19h30	<p><b>POSTER SESSION 2</b></p> <p>Join authors and colleagues in relaxed and informative discussions while enjoying beverages and light snacks. Please be sure to see the Posters of Distinction (A193-A197, A208, A214, A229, A230, A247-A253, A315, A331) located throughout the poster area and identified with a ribbon.</p>	<p><b>Hochelagas 4-6/Saguenay/Saint Maurice</b></p>
20h00-23h30	<p><b>GALA EVENT</b></p> <p><b>Centre Ice Gala</b></p> <p>Pull on your favourite hockey jersey, and enjoy the company of fellow hockey fans as CDDW™ hosts the “Centre Ice Gala”. Treat your taste buds to the most exotic stadium cuisine, test out your stick handling skills, and skate the night away with tunes from our own Power Play DJ. Purchase tickets (\$100 + tax) online and also at registration on-site.</p>	<p><b>Marquette/Jolliet/Duluth</b></p>

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08h00-09h00

CAG BREAKFAST WITH THE EXPERTS  
Difficult Cases in Ulcerative Colitis

Saint-Maurice

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Learning Objectives:

At the end of this session participants will be able to:

1. Recognize the need for second-line therapy in acute severe colitis.
2. Assess drug levels and optimize dosing of anti-TNF levels.
3. Identify poor prognostic markers in ulcerative colitis.

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Speakers: Marla Dubinsky, Mount Sinai Hospital, New York and Adam Weizman, University of Toronto

Please note that pre-registration is required to gain admittance to Breakfast with the Experts

– CAG co-developed this program with Janssen Inc. to achieve scientific integrity, objectivity and balance –

09h00-10h30

CAG SYMPOSIUM  
2015 Papers That Influenced Your Practice

Duluth

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Learning Objectives:

At the end of this session participants will be able to:

1. Consider strategies for implementing therapeutic drug monitoring in IBD management and understand the relationship between biologic drug trough levels and IBD activity.
2. Describe the clinical implications of attempting to treat patients with advanced cirrhosis, including decompensated cirrhosis, with antiviral agents.
3. Recognize the impact of standardized management strategies on IBD outcomes and understand the risk-benefit trade-off of early immunosuppressive therapy for IBD.

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Speakers: John Marshall, McMaster University and Eric Yoshida\*, University of British Columbia

*The format for this interactive session is that speakers will present three pivotal papers from 2015, providing a 15-minute review of the paper, followed by 10-15 minutes for questions and audience discussion/interaction.*

Papers

- Vande Casteele N, Ferrante M, Van Assche G, et al. Trough concentrations of infliximab guide dosing for patients with inflammatory bowel disease. *Gastroenterology* 2015;148(7):1320-9.  
– John Marshall
- Charlton M, Everson, GT, Flamm SL, et al. Ledipasvir and sofosbuvir plus ribavirin for treatment of HCV infection in patients with advanced liver disease. *Gastroenterology* 2015;149(3): 649-59.  
– Eric Yoshida\*
- Khanna R, Bressler B, Levesque BG, et al. Early combined immunosuppression for the management of Crohn's disease (REACT): A cluster randomised controlled trial. *Lancet*. 2015 Sep 2. pii: S0140-6736(15)00068-9.  
– John Marshall

– CAG co-developed this program with Takeda Canada, Inc. to achieve scientific integrity, objectivity and balance –

MONDAY FEBRUARY 29

09h00-10h30	<p>CASL SYMPOSIUM The Future of Hepatology - Diseases and their Cures - Reality or Science Fiction?</p> <hr/> <p>Learning Objectives: At the end of this session participants will:</p> <ol style="list-style-type: none"> <li>1. Recognize how HBV immunology impacts therapeutic choices now and in the future.</li> <li>2. Appreciate research into liver stem cells and the 3D liver as important to the future of hepatology.</li> <li>3. Evaluate how curative therapies impact HCC screening in the future.</li> </ol> <hr/>	Mackenzie
	<p>Co-Chairs: Carla Coffin, University of Calgary and Philip Wong, McGill University</p> <ul style="list-style-type: none"> <li>• Age-Dependent Events during HBV Infections: Implications for therapy Antonio Bertolotti, Duke-Nus Medical School, Singapore</li> <li>• Liver Stem Cells and 3D Artificial Liver Shinichiro Ogawa, University of Toronto</li> <li>• Future of HCC Screening in the Era of Potent Antivirals for HCV, HBV and the Rise of NASH/NAFLD-related Liver Disease Morris Sherman*, University of Toronto</li> </ul> <p style="text-align: center;">– CAG co-developed this program with Gilead Sciences Canada, Inc. to achieve scientific integrity, objectivity and balance –</p>	
10h30-11h00	Nutrition Break	Foyer
11h00-11h40	<p>SMALL GROUP SESSIONS (See pages 33-39)</p> <p>Approach to Uninvestigated Dysphagia</p> <p>Case-based Anticoagulation</p> <p>Oral Anticoagulants and Cirrhotic Patients – Safety and monitoring</p> <p style="text-align: center;">Please note that pre-registration is required to gain admittance to Small Group Sessions</p>	<p>Saint-Laurent</p> <p>Gatineau</p> <p>Bersimis</p>
11h40-11h50	Break	
11h50-12h30	<p>SMALL GROUP SESSIONS (See pages 33-39)</p> <p>Non-invasive Monitoring of Liver Disease (CAG co-developed this program with Merck Canada Inc. to achieve scientific integrity, objectivity and balance)</p> <p>Managing Chronic Pancreatitis: It's more than just abstinence</p> <p style="text-align: center;">Please note that pre-registration is required to gain admittance to Small Group Sessions</p>	<p>Saint-Laurent</p> <p>Gatineau</p>
12h30-13h30	Lunch	Foyer

13h30-15h00

CAG SYMPOSIUM  
Therapeutics in IBD: Past, present and future

Duluth

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Learning Objectives:

At the end of this session participants will be able to:

1. Identify appropriate (and/or inappropriate) use of steroids and immunosuppressants in the treatment of IBD.
  2. Describe optimal use of biologic therapies in the treatment of IBD.
  3. Recognize the role of a personalized approach to treatment of IBD.
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Co-Chairs: Alain Bitton, McGill University and Sharyle Fowler, University of Saskatchewan

- Should We Still Be Using Steroids and Immunosuppressants to Treat IBD?  
John Marshall, McMaster University
- Current and Upcoming Biologics for Treating IBD  
Subrata Ghosh, University of Calgary
- The Future of IBD Therapy: A personalized approach  
Marla Dubinsky, Mount Sinai Hospital, New York

– CAG co-developed this program with Janssen Inc. to achieve scientific integrity, objectivity and balance –



## American Society for Gastrointestinal Endoscopy (ASGE) Video Centres

At the ASGE Video Centre, located in Saint-Charles, delegates can rotate at their own pace through three video stations which demonstrate endoscopic techniques and technologies. All nine videos are from the ASGE Endoscopic Learning Library collection.

### FRIDAY FEBRUARY 26

#### Station 1 – Radial and Linear EUS

Richard A. Erickson, MD, Brenna C. Bounds, MD, Lawrence Lai, MRCP, William R. Brugge, MD, Mauritz Wiersema, MD, Michael Kochman, MD, Lisa Wiersema, MD

Total run time: 97 minutes

#### Station 2 – Endoscopic Approach to Hemorrhoids

Rome Jutabha, MD, Tonya Kaltenbach, MD, Roy Soetikno, MD

Total run time: 28 minutes

#### Station 3 – Diagnostic and Therapeutic Endoscopy in Patients after Ileal Pouch Surgery

Francis A. Farraye, MD, MSc, FASGE, Bo Shen, MD, FASGE

Total run time: 65 minutes

### SATURDAY FEBRUARY 27

#### Station 1 – Biliary Access Techniques for ERCP: From Basic to Advanced

Martin L. Freeman MD; Kapil Gupta, MD, MPH

Total run time: 63 minutes

#### Station 2 – Small Bowel Imaging

Klaus E. Monkemuller, MD, PhD, FASGE, Marzena Zabielski, RN, BSN, Lucia C. Fry, MD, FASGE, and Helmut Neumann, MD, PhD

Total run time: 40 minutes

#### Station 3 – Polyposis Syndrome/Genetic GI: Endoscopic Diagnosis and Management

Vinay Chandrasekhara, MD, Anil K. Rustgi, MD, Timothy C. Hoops, MD, Michael L. Kochman, MD, FASGE, Gregory G. Ginsberg, MD, FASGE

Total run time: 60 minutes

### SUNDAY FEBRUARY 28

#### Station 1 – Endoscopic Submucosal Dissection of Colon Lateral Spreading Tumour

Won Young Cho, MD, Bong Min Ko, MD, Gene Hyun Bok, MD, Kwang Yeun Shim, MD, Hyun Gun Kim, PhD, Tae Hee Lee, MD, Suck Ho Lee, MD, So Young Jin, MD, and Joo Young Cho, MD

Total run time: 36 minutes

#### Station 2 – Endoscopic Interpretation and Therapy of Severe Lower GI Bleeding

Roy Soetikno, MD; Tonya Kaltenbach, MD; Peter Kelsey, MD; Kenneth McQuaid MD, FASGE

Total run time: 33 minutes

#### Station 3 – EUS-Guided Biliary Drainage: Current Techniques

Vinay Dhir, MD, Takao Itoi, MD, Amit Maydeo, MD

Total run time: 30 minutes

The CAG is grateful to the ASGE for this learning opportunity  
Please visit <http://www.asge.org/> to order videos

Participants may claim Section 2 Personal Learning Project credits as defined by  
the Royal College of Physicians and Surgeons of Canada

## CAG Educational Portal (ePortal) Learning Centre at CDDW™ 2016

Visit the ePortal Learning Center in the Saint-Charles Room to Access a Wide Variety of Educational Materials!

The following are just a few of the MANY outstanding videos to choose from:

### from the CDDW™ 2015 Program

#### **CAG/CASL Postgraduate Course – IBD and Nutrition**

- Nutritional Deficiencies in IBD- What is the significance? – *Dr. Khurshed Jeejeebhoy*
- Nutrition and the Gut Biome-What is the impact in IBD? – *Dr. Levinus Dieleman*

#### **CAG Symposium – Working with the Bugs**

- Not So Unculturable: Recent advances in cultivating the human gut microbiome – *Dr. Michael Surette*
- Probiotics: Where are we and where are we going? – *Dr. Karen Madsen*
- Fecal Microbiota Transplant Past, Present and Future – *Dr. Christina Surawicz*

**McKenna Memorial Lecture: Fifty Years of Gastroenterology: a personal reflection- *Dr. Don Powell***

### from The CAG Basic Science and CanMEDS Lecture Series

- Dr. Waqqas Afif – Health Advocacy/Choosing Wisely for the IBD Patient – September 2015
- Dr. Louis Liu – Constipation with a Focus on Motility/Anorectal studies – December 2015
- Dr. Hemant Shah – Pre-operative Surgical Risk in Liver Patients – January 2016

### from the 2015 GI Symposium: Microbes, IBD and Other GI Diseases

- Managing Psychological Aspects of IBD – *Dr. Lesley Graff*
- Approach to post-operative Crohn's Disease – *Dr. Laura Targownik*
- Current Thinking on the Pathogenesis of IBD – *Dr. Claudio Fiocchi*

Visit the ePortal by logging in to MYCAG

**CAG members** may log in with their member email and password

**CDDW™ participants** may claim **Section 2** self-learning credits as defined by the Royal College of Physicians and Surgeons of Canada (RCPSC)

Open:	Friday, February 26	09h30-15h00
	Saturday, February 27	10h30-15h30
	Sunday, February 28	10h30-15h30

**The CAG is a Recipient of the 2012 Royal College Accredited  
CPD Provider Innovation Award for the ePortal**



## Small Group Sessions

Small group sessions (limit of up to 35 attendees) are 40-minute interactive, case-based discussions that run from 11h00-11h40 and 11h50-12h30. For room allocations see pages 34-39. Pre-registration required.

	Saturday 27 <sup>th</sup>		Sunday 28 <sup>th</sup>		Monday 29 <sup>th</sup>	
	11h00	11h50	11h00	11h50	11h00	11h50
<b>SATURDAY</b>						
SEE: Practical tips .....	◆	◆				
Investigation of the Small Bowel .....	◆					
Ultrasound and IBD.....	◆					
Refractory Encopresis in Pediatrics .....	◆					
Work-Life Balance Issues.....	◆					
Interventional EUS.....	◆					
Infection Models .....	◆					
Case Discussions in Pediatric Chronic Viral Hepatitis.....	◆					
Thrombosis and Liver Disease - When to anticoagulate.....	◆					
HIV and Liver Transplant - Outcomes, barriers and what to expect .....	◆					
Updates in Fecal Microbiota Transplant.....					◆	
Colonic Motility.....					◆	
Early Onset IBD in Pediatrics .....					◆	
Marijuana and GI Disease .....					◆	
Colonic Polypectomy.....					◆	
CDHF Session: Protecting the Human Gut Microbiota to Enhance Health .....					◆	
Acute on Chronic Liver Failure - When is the patient too sick for transplant?.....					◆	
Lean NAFLD - Is it different than obese NAFLD? .....					◆	
Intermediate Stage HCC - What to do? .....					◆	
<b>SUNDAY</b>						
SEE: Practical tips .....			◆	◆		
Exclusive Enteral Nutrition in Pediatrics.....			◆			
Endoscopy in Bariatric Patients .....			◆			
Managing Difficult Constipation .....			◆			
Immunization in IBD.....			◆			
Patient-centred Care in Endoscopy .....			◆			
Bioinformatics and the Microbiome.....			◆			
Ultrashort Treatments for HCV .....			◆			
Designing and Delivering Effective Education Sessions.....			◆			
Drug-Induced Liver Injury - Are there any therapies to try?.....			◆			
Intractable Abdominal Pain in Children - Management options.....					◆	
Is this Food Intolerance or Food Allergy?.....					◆	
Unusual Causes of Abdominal Pain.....					◆	
Arthralgias in IBD.....					◆	
Patient-centred Care in IBD .....					◆	
Competence by Design/CanMEDS 2015.....					◆	
Antibody-Mediated Rejection after Liver Transplant .....					◆	
Pulmonary Complications of Cirrhosis.....					◆	
Can We Ever Stop Nucleoside Analogue Therapy for HBV?.....					◆	
<b>MONDAY</b>						
Approach to Uninvestigated Dysphagia.....						◆
Case-based Anticoagulation .....						◆
Oral Anticoagulants and Cirrhotic Patients - Safety and monitoring.....						◆
Non-invasive Monitoring of Liver Disease .....						◆
Managing Chronic Pancreatitis: It's more than just abstinence .....						◆

## Small Group Sessions

Small group sessions are interactive, case-based discussions that run from 11h00-11h40 and 11h50-12h30. Pre-registration required.

- **SEE: Practical tips** Saturday and Sunday, February 27 & 28, 11h00 & 11h50 (Richelieu)  
Learning Objectives: 1) Demonstrate how scope handling influences colonoscopy technique, 2) Demonstrate how to apply torque steering during colonoscopy, 3) Demonstrate how to integrate changes in handling and torque into one's colonoscopy technique.  
Speakers: Lawrence Hookey, Queen's University and Alaa Rostom, University of Ottawa (Saturday 11h00); Frances Tse, McMaster University and Kevin Waschke, McGill University (Saturday 11h50); Eric Greenwald, McMaster University and Donald MacIntosh, Dalhousie University (Sunday 11h00); Mark Borgaonkar\*, Memorial University and Alaa Rostom, University of Ottawa (Sunday 11h50)  
CAG co-developed this program with Olympus Canada to achieve scientific integrity, objectivity and balance
- **SEE: Practical tips** Saturday and Sunday, February 27 & 28, 11h00 (Gatineau)  
Learning Objectives: 1) Demonstrate how scope handling influences colonoscopy technique, 2) Demonstrate how to apply torque steering during colonoscopy, 3) Demonstrate how to integrate changes in handling and torque into one's colonoscopy technique.  
Speakers: David Armstrong\*, McMaster University and Dana Farina, Dalhousie University (Saturday); Frances Tse, McMaster University and Kevin Waschke, McGill University (Sunday)  
CAG co-developed this program with PENTAX Medical to achieve scientific integrity, objectivity and balance
- **Investigation of the Small Bowel** Saturday, February 27, 11h00 (Bersimis)  
Learning Objectives: 1) Understand key conditions that result in obscure GI bleeding, 2) Identify which instruments are ideal to investigate the small bowel and 3) Recognize limitations – advantages and disadvantages – of various instruments for small bowel evaluation.  
Speakers: Robert Enns, University of British Columbia and Christopher Teshima, University of Toronto  
CAG co-developed this program with Olympus Canada to achieve scientific integrity, objectivity and balance
- **Ultrasound and IBD** Saturday, February 27, 11h00 (Saint-Laurent)  
Learning Objectives: 1) Understand the pros/cons of different imaging modalities available today for both diagnosis and monitoring of patients with IBD, 2) Recognize four key sonographic components of active IBD, review a simple score for disease activity (Simple Ultrasonographic Score/SUS) and identify complications of IBD on bowel ultrasound, 3) Understand how ultrasound may be used in clinical decision-making, and 4) Recognize how ultrasound can be used in the future as a clinical tool to differentiate between IBS and IBD in patients referred for symptoms such as diarrhea.  
Speakers: Cathy Lu, University of Alberta and Kerri Novak, University of Calgary  
CAG co-developed this program with Merck Canada Inc. to achieve scientific integrity, objectivity and balance
- **Refractory Encopresis in Pediatrics** Saturday, February 27, 11h00 (Kamouraska 1+2)  
Learning Objectives: 1) Identify the difference between retentive and non-retentive fecal incontinence in children, 2) Describe the initial steps in management of a child with fecal incontinence, 3) Assess the need for additional investigations and referral to other allied health members in children with refractory fecal incontinence, and 4) Recognize the global impact of refractory fecal incontinence on the child and family's quality of life.  
Speakers: Dominique Levesque, McGill University and Alfred Yeung, University of Calgary
- **Work-Life Balance Issues** Saturday, February 27, 11h00 (Ramezay)  
Learning Objectives: 1) Identify work-life balance issues present in the practice of gastroenterology/medicine, 2) Describe features of physician burnout, 3) Identify issues within the healthcare system that contribute to work-life imbalance, and 4) Describe resources/strategies available to decrease burnout and improve balance and resilience.  
Speakers: Melanie Beaton, Western University and Lana Bistriz, University of Alberta
- **Interventional EUS** Saturday, February 27, 11h00 (Péribonka)  
Learning Objectives: 1) Review the indications, efficacy and techniques of EUS-guided celiac plexus block and neurolysis, 2) Discuss the evidence and technical advances in EUS-guided pancreatic fluid collection drainage, 3) Comment on the role of EUS-guided fiducial placement in radiation therapy, and 4) Identify the indications and risks associated with EUS bilio-pancreatic access and drainage.  
Speakers: Charles Ménard, Université de Sherbrooke and Frances Tse, McMaster University  
CAG co-developed this program with Olympus Canada to achieve scientific integrity, objectivity and balance

### Small Group Sessions Continued

Small group sessions are interactive, case-based discussions that run from 11h00-11h40 and 11h50-12h30. Pre-registration required.

- **Infection Models** Saturday, February 27, 11h00 (Youville 1+2)  
Learning Objectives: 1) Describe the various infection models used in IBD research, 2) Recognize the strengths and limitations of each of the models, and 3) Identify areas for further innovation and development.  
Speakers: Brian Coombes, McMaster University and Deanna Gibson, University of British Columbia
- **Case Discussions in Pediatric Chronic Viral Hepatitis** Saturday, February 27, 11h00 (Chaudière)  
Learning Objectives: 1) Discuss common viral hepatitis scenarios in the pediatric population, and 2) Identify how new therapies for viral hepatitis could be applied to the pediatric population.  
Speakers: Simon Ling, University of Toronto and Steven Martin, University of Calgary  
CAG co-developed this program with Merck Canada Inc. to achieve scientific integrity, objectivity and balance
- **Thrombosis and Liver Disease - When to anticoagulate** Saturday, February 27, 11h00 (Matapédia)  
Learning Objectives: 1) Appreciate both the anticoagulant and procoagulant factors that can be abnormal in patients with cirrhosis, and 2) Develop an approach to the management and choice of anticoagulants for thrombotic conditions in cirrhotic patients including portal vein thrombosis, deep vein thrombosis, and pulmonary embolism.  
Speakers: Aman Arya, University of Toronto and Jennifer Flemming, Queen's University
- **HIV and Liver Transplant - Outcomes, barriers and what to expect** Saturday, February 27, 11h00 (Harricana)  
Learning Objective: Be aware of the indications and outcomes of liver transplantation in HIV positive recipients.  
Speakers: Eberhard Renner, University of Toronto and Eric Yoshida\*, University of British Columbia
- **Updates in Fecal Microbiota Transplant** Saturday, February 27, 11h50 (Saint-Laurent)  
Learning Objectives: 1) Describe current pediatric and adult evidence for fecal microbial transplantation (FMT) in the management of recurrent *Clostridium difficile* infection, 2) Discuss current pediatric and adult evidence for the role of FMT in the management of Crohn's disease and ulcerative colitis, 3) Assess patient eligibility for FMT and identify potential risks, and 4) Describe Health Canada regulations concerning FMT.  
Speakers: Dina Kao, University of Alberta and Nikhil Pai, McMaster University
- **Colonic Motility** Saturday, February 27, 11h50 (Kamouraska 1+2)  
Learning Objectives: 1) Recognize common patterns of colonic motility, 2) Identify indications for colonic manometry studies in children, adolescents and adults, and 3) Evaluate the pros and cons of different motor function tests currently employed.  
Speakers: Jan Huizinga, McMaster University and Elyanne Ratcliffe, McMaster University
- **Early Onset IBD in Pediatrics** Saturday, February 27, 11h50 (Bersimis)  
Learning Objectives: 1) Describe current experience with potential therapeutic options for children with primary anti-TNF failure, 2) Recognize limitations of current diagnostic modalities, and 3) Identify children who would benefit from first-line biological therapeutics.  
Speakers: David Mack, University of Ottawa and Anthony Otley, Dalhousie University  
CAG co-developed this program with Janssen Inc. to achieve scientific integrity, objectivity and balance
- **Marijuana and GI Disease** Saturday, February 27, 11h50 (Ramezay)  
Learning Objectives: 1) Recognize the prevalence and patterns of use of cannabis by patients with GI diseases, 2) Assess the evidence base for cannabinoid use in GI disorders, and 3) Discuss the barriers and facilitators for authorizing the clinical use of cannabinoids in GI disease.  
Speakers: Constantine Soulellis, McGill University and Mark Ware, McGill University

## Small Group Sessions Continued

Small group sessions are interactive, case-based discussions that run from 11h00-11h40 and 11h50-12h30. Pre-registration required.

- **Colonic Polypectomy** Saturday, February 27, 11h50 (Péribonka)  
Learning Objectives: 1) Describe morphological assessment of polyps according to the Paris Classification, 2) Assess laterally spreading polyps for safe and efficient endoscopic mucosal resection (EMR), 3) Identify critical aspects of EMR technique, and 4) Recognize and manage EMR-related complications.  
Speakers: Paul Kortan\*, University of Toronto and Donald MacIntosh, Dalhousie University  
CAG co-developed this program with PENTAX Medical to achieve scientific integrity, objectivity and balance
- **CDHF Session: Protecting the Human Gut Microbiota to Enhance Health** Saturday, February 27, 11h50 (Youville 1+2)  
Learning Objectives: 1) Explain how the human gut microbiota impacts digestive and overall health, and 2) Recognize risk factors that may negatively impact a healthy gut microbiota.  
Speakers: David Armstrong\*, McMaster University and Richard Hunt\*, Canadian Digestive Health Foundation  
CAG co-developed this program with Shire Pharma Canada ULC to achieve scientific integrity, objectivity and balance
- **Acute on Chronic Liver Failure - When is the patient too sick for transplant?** Saturday, February 27, 11h50 (Chaudière)  
Learning Objectives: 1) Define acute on chronic liver failure, 2) Establish a prognosis, and 3) Determine transplant candidacy.  
Speakers: Vince Bain, University of Alberta and Paul Marotta, Western University
- **Lean NAFLD - Is it different than obese NAFLD?** Saturday, February 27, 11h50 (Matapédia)  
Learning Objectives: 1) Describe the different risk factors for development of NASH in the lean adult population, and understand how this may be a different pathophysiologic mechanism than obese NASH, 2) Be able to have a treatment algorithm for management of patients with lean NASH, 3) Understand which children with NAFLD actually have 'lean NAFLD', and 4) Be able to diagnose and treat patients with lean NAFLD secondary to syndromes or other conditions that affect lipid metabolism.  
Speakers: Saumya Jayakumar, University of Calgary and Marialena Mouzaki, University of Toronto
- **Intermediate Stage HCC - What to do?** Saturday, February 27, 11h50 (Harricana)  
Learning Objectives: 1) Recognize intermediate stage HCC, 2) Understand the research behind the recommended treatments, and 3) Identify what treatments are not optimal.  
Speakers: Kelly Burak, University of Calgary and Morris Sherman\*, University of Toronto
- **Exclusive Enteral Nutrition in Pediatrics** Sunday, February 28, 11h00 (Ramezay)  
Learning Objectives: 1) Recognize the unique features and advantages of exclusive enteral nutrition (EEN) in treating patients with pediatric IBD, 2) Describe potential mechanisms of action of EEN, 3) Discuss novel future variations on nutritional therapy and potential applications to understanding IBD pathogenesis and treatment, and 4) Identify the crucial role of allied health professionals in successful implementation of an enteral nutrition program.  
Speakers: Anthony Otley, Dalhousie University and Eytan Wine, University of Alberta
- **Endoscopy in Bariatric Patients** Sunday, February 28, 11h00 (Péribonka)  
Learning Objectives: 1) Define the role of surgery in the morbidly obese patient and understand the different surgical treatment options, 2) Appreciate the clinical outcomes of bariatric surgery and clarify the frequency and severity of complications, and 3) Discuss the indications for endoscopy in bariatric surgical patients and evaluate novel endoscopic strategies for management of morbid obesity.  
Speakers: Rajesh Aggarwal, McGill University and Gary May, University of Toronto  
CAG co-developed this program with PENTAX Medical to achieve scientific integrity, objectivity and balance
- **Managing Difficult Constipation** Sunday, February 28, 11h00 (Bersimis)  
Learning Objectives: 1) Describe the evidence for current therapies for constipation in pediatric and adult populations, and 2) Understand the differences in evaluation of constipation between children, adolescents, and adults.  
Speakers: Christopher Andrews, University of Calgary and Eylanne Ratcliffe, McMaster University

## Small Group Sessions Continued

Small group sessions are interactive, case-based discussions that run from 11h00-11h40 and 11h50-12h30. Pre-registration required.

- **Immunization in IBD** Sunday, February 28, 11h00 (Saint-Laurent)  
Learning Objectives: 1) Describe timing of immunizations in IBD patients, 2) Explain the implications of live vaccines to IBD patients, and 3) Identify patients at risk of preventable infections.  
Speakers: Marla Dubinsky, Mount Sinai Hospital New York and Sophie Plamondon, Université de Sherbrooke  
CAG co-developed this program with Merck Canada Inc. to achieve scientific integrity, objectivity and balance
- **Patient-centred Care in Endoscopy** Sunday, February 28, 11h00 (Kamouraska 1+2)  
Learning Objectives: 1) Reflect upon one's own practice using the dimensions of patient-centred care, 2) Be able to discuss the pros and cons of current quality indicators, 3) Initiate a patient-centred quality endoscopy process at one's institution/practice, 4) Challenge oneself to examine something one thinks he/she already knows, and 5) Examine the factors one would use to choose the endoscopist for their own colonoscopy.  
Speakers: Catherine Dubé, University of Ottawa and Roger Hollingworth, Credit Valley Hospital
- **Bioinformatics and the Microbiome** Sunday, February 28, 11h00 (Youville 1+2)  
Learning Objectives: 1) Identify the processes used to convert raw sequence reads into preliminary microbiome analyses, 2) Critically make decisions about steps that will impact the analyses, and 3) Describe the utility of a few different downstream analysis tools.  
Speaker: Jennifer Stearns, McMaster University  
CAG co-developed this program with Shire Pharma Canada ULC to achieve scientific integrity, objectivity and balance
- **Ultrashort Treatments for HCV** Sunday, February 28, 11h00 (Chaudière)  
Learning Objectives: 1) Discuss the patient characteristics that would be considered for a short course of therapy, and 2) Explore future potential 'ultra-short' regimens for HCV.  
Speakers: Jordan Feld, University of Toronto and Alnoor Ramji, University of British Columbia  
CAG co-developed this program with Merck Canada Inc. to achieve scientific integrity, objectivity and balance
- **Designing and Delivering Effective Education Sessions** Sunday, February 28, 11h00 (Matapédia)  
Learning Objectives: 1) Identify the principles and factors that contribute to effective adult learning, 2) Develop an approach to the design of effective education sessions, and 3) Appreciate the factors that contribute to effective delivery of education sessions.  
Speakers: Catharine Walsh, University of Toronto and Winnie Wong, University of Alberta
- **Drug Induced Liver Injury - Are there any therapies to try?** Sunday, February 28, 11h00 (Harricana)  
Learning Objective: Review the clinical approach and management strategies for drug-induced liver injury.  
Speakers: Constantine Karvellas, University of Alberta
- **Intractable Abdominal Pain in Children - Management options** Sunday, February 28, 11h50 (Ramezay)  
Learning Objectives: 1) Define intractable abdominal pain within the context of a bio-psychosocial model of care, 2) Identify diagnostic strategies for the detection of subtle intestinal inflammatory disease, 3) Recognize the importance of peripheral and central sensitization to the development of chronic pain, and 4) Assess the need for pharmacological and non-pharmacological interventions in conjunction with the pain-service and clinical psychology.  
Speakers: Kevan Jacobson, University of British Columbia and Angela Noble, Queen's University
- **Is this Food Intolerance or Food Allergy?** Sunday, February 28, 11h50 (Péribonka)  
Learning Objectives: 1) Describe the tests available to diagnose a food allergy, 2) Discuss the limitations associated with commonly used diagnostic tests for food allergy, and 3) Discuss the clinical application of the low FODMAP diet in patients with suspected food intolerances and IBS.  
Speakers: Peter Gibson, Monash University and Maitreyi Raman, University of Calgary

## Small Group Sessions Continued

Small group sessions are interactive, case-based discussions that run from 11h00-11h40 and 11h50-12h30. Pre-registration required.

- **Unusual Causes of Abdominal Pain** Sunday, February 28, 11h50 (Bersimis)  
Learning Objectives: Have: 1) An approach to managing patients with chronic abdominal pain, 2) An appreciation of some common causes of neuropathic pain in the abdomen, and 3) An understanding of appropriate strategies for an effective referral to a physical therapist.  
Speakers: David Armstrong\*, McMaster University and Shanker Nesathurai, McMaster University
- **Arthralgias in IBD** Sunday, February 28, 11h50 (Saint-Laurent)  
Learning Objectives: 1) Identify different presentations of arthritis in the IBD patient, 2) Develop an understanding and working knowledge of treatment strategies to address the many facets of disease in this patient population, and 3) Optimize cross-specialty referrals.  
Speakers: Talat Bessissow, McGill University and Elizabeth Hazel, McGill University  
CAG co-developed this program with Merck Canada Inc. to achieve scientific integrity, objectivity and balance
- **Patient-centred Care in IBD** Sunday, February 28, 11h50 (Kamouraska 1+2)  
Learning Objectives: 1) Explore the determinants of patient-centred care in IBD, 2) Identify obstacles to patient-centred care for IBD patients in the physician's own clinical environment, and 3) Determine strategies to promote patient-centred care in the management of IBD patients.  
Speakers: Alain Bitton, McGill University and Sylviane Forget, McGill University  
CAG co-developed this program with Janssen Inc. to achieve scientific integrity, objectivity and balance
- **Competency by Design/CanMEDS 2015** Sunday, February 28, 11h50 (Youville 1+2)  
Learning Objectives: 1) Explain the key components for competence by design for residency education programs, 2) Discuss how milestones and entrustable professional activities will serve to promote learning and assessment across the CanMEDS Roles, and 3) Describe the strategies and tools to support program directors and clinical supervisors prior to and during the transition to competence by design.  
Speaker: Craig Campbell, Royal College of Physicians and Surgeons of Canada
- **Antibody-Mediated Rejection after Liver Transplant** Sunday, February 28, 11h50 (Chaudière)  
Learning Objective: Review our evolving understanding of antibody-mediated rejection and its impact on post-transplant management.  
Speakers: Stephen Congly, University of Calgary and Aldo Montano-Loza, University of Alberta
- **Pulmonary Complications of Cirrhosis** Sunday, February 28, 11h50 (Matapédia)  
Learning Objectives: 1) Recognize who needs screening, and how to make the diagnosis, for portopulmonary hypertension and hepatopulmonary syndrome, and know the highlights of management and prognosis, and 2) Describe management options for the challenging clinical problem of hepatic hydrothorax.  
Speakers: Jennifer Leonard, Memorial University and Puneeta Tandon, University of Alberta
- **Can We Ever Stop Nucleoside Analogue Therapy for HBV?** Sunday, February 28, 11h50 (Harricana)  
Learning Objectives: 1) Discuss the clinical/laboratory variables that indicate a successful course of therapy, and 2) Identify the laboratory test results associated with a long-term quiescent phase of HBV infection.  
Speakers: Carla Coffin, University of Calgary and David Wong, University of Toronto
- **Approach to Uninvestigated Dysphagia** Monday, February 29, 11h00 (Saint-Laurent)  
Learning Objectives: 1) Describe an approach to evaluate patients presenting with dysphagia, and 2) Recognize the role of upper GI barium study, endoscopy, and esophageal manometry to assess patients with dysphagia.  
Speaker: Louis Liu, University of Toronto
- **Case-based Anticoagulation** Monday, February 29, 11h00 (Gatineau)  
Learning Objectives: 1) Understand the bleeding risks related to endoscopic procedures, 2) Utilize an evidence-based approach to evaluating a patient's risk of thrombotic events, and 3) Be familiar with the indications for bridging of anticoagulation around endoscopic procedures.  
Speakers: Vicky Tagalakakis, McGill University and Kevin Waschke, McGill University

### Small Group Sessions Continued

Small group sessions are interactive, case-based discussions that run from 11h00-11h40 and 11h50-12h30. Pre-registration required.

- **Oral Anticoagulants and Cirrhotic Patients - Safety and monitoring** Monday, February 29, 11h00 (Bersimis)  
Learning Objective: Develop an approach to the use of oral anticoagulants in cirrhotic patients.  
Speakers: Meredith Borman, University of Calgary and Carla Coffin, University of Calgary
  
- **Non-invasive Monitoring of Liver Disease** Monday, February 29, 11h50 (Saint-Laurent)  
Learning Objectives: 1) Recognize the clinical importance of staging fibrosis for management and prognosis in chronic liver diseases, 2) Identify and describe the different non-invasive modalities to diagnose and monitor liver disease, and 3) Compare and contrast the benefits and limitations of the non-invasive monitoring modalities, such as Fibroscan, Fibrotest, Fib-4 and APRI.  
Speakers: Hin Hin Ko, University of British Columbia and Giada Sebastiani, McGill University  
CAG co-developed this program with Merck Canada Inc. to achieve scientific integrity, objectivity and balance
  
- **Managing Chronic Pancreatitis: It's more than just abstinence** Monday, February 29, 11h50 (Gatineau)  
Learning Objective: 1) Discuss the medical management of chronic pancreatitis, 2) Evaluate the data on celiac plexus block in the management of chronic pancreatitis, 3) Identify which patients to refer for endoscopic management, and 4) Recognize which patients to refer for surgical management.  
Speakers: Michael Cantor, University of Manitoba and Jennifer Telford\*, University of British Columbia

**CDDW™ 2017**  
Banff, February 26 – March 8

**CDDW™ 2018**  
Toronto, February 4 – 14

**CDDW™ 2019**  
Banff, February 24 – March 6

**CDDW™ 2020**  
Montreal, February 23 – March 4

**CDDW™ 2021**  
Banff, February 28 – March 10

**SUMMARY OF ROYAL COLLEGE OF PHYSICIANS AND SURGEONS OF CANADA ACCREDITED SECTION 1 CREDITS**

<u>Friday, February 26</u>	<u>Credits</u>	<u>Session Title</u>
08h00-09h30	1.5	CAG/CASL Postgraduate Course: Community-based GI and Liver Disease
08h00-09h30	1.5	IBD Microbiota
10h00-11h30	1.5	CAG/CASL Postgraduate Course: Inpatient Hepatology
10h00-11h30	1.5	CAG Selected Clinical Presentations
10h00-11h30	1.5	CAG/CCC Student Prize Paper Presentations
12h30-14h30	2	CAG/CASL Postgraduate Course: Safety Monitoring
12h30-14h30	2	Cellular Reprogramming in GI Diseases
15h00-16h30	1.5	CAG/CASL Postgraduate Course: Video Endoscopy
15h00-16h30	1.5	Colonic Motility
<u>Saturday, February 27</u>		
08h00-09h00	1	Breakfast with the Experts: Celiac Disease: Case based
08h00-09h00	1	Breakfast with the Experts: Barrett's Esophagus
08h00-09h00	1	Breakfast with the Experts: Difficult ALD Cases
08h00-10h00	2	Epigenetics of Gastrointestinal Cancer
08h30-10h00	1.5	CASL Paper Session 1
09h00-10h00	1	Precision Medicine as an Emerging Theme in Gastroenterology
10h00-10h30	0.5	CLF-CASL Gold Medal Lecture
11h00-11h40	0.75	Small Group Sessions
11h50-12h30	0.75	Small Group Sessions
13h30-15h00	1.5	The Role of Nutrition in Gastroenterology
13h30-15h00	1.5	Updates in Pediatric Cholestasis
13h30-15h00	1.5	Research Career Development
15h30-16h30	1	Kopelman Lecture
15h30-17h00	1.5	Monitoring Disease Activity in IBD
15h30-17h00	1.5	Optimizing Fatty Liver Outcomes
17h30-18h30	1	McKenna Lecture
<u>Sunday, February 28</u>		
08h00-09h00	1	Breakfast with the Experts: Difficult Cases in Crohn's Disease
08h00-09h00	1	Breakfast with the Experts: Advances in <i>H. pylori</i> Therapeutics
08h00-09h00	1	Breakfast with the Experts: HRS and SBP: Tips and tricks
08h30-10h30	2	Innate Mucosal Immunology
09h00-10h30	1.5	Luminal Signaling to Nerves in Functional Disorders: Pathophysiological and clinical implications
09h00-10h30	1.5	CASL Paper Session 2
11h00-11h40	0.75	Small Group Sessions
11h50-12h30	0.75	Small Group Sessions
13h30-15h00	1.5	Rapid Fire 2015 Journal Review
13h30-15h00	1.5	HCC: Controversies in surveillance, diagnosis and management
13h30-15h00	1.5	CAG Young Investigator and Research Excellence Lectures
15h30-17h00	1.5	Diarrhea and Constipation: Slow, slow, quick, quick, slow: The colonic tango
15h30-17h00	1.5	New Technologies
15h30-17h00	1.5	HCV Update
<u>Monday, February 29</u>		
08h00-09h00	1	Breakfast with the Experts: Difficult Cases in Ulcerative Colitis
09h00-10h30	1.5	2015 Papers that Influenced your Practice
09h00-10h30	1.5	The Future of Hepatology - Diseases and their Cures - Reality or Science Fiction?
11h00-11h40	0.75	Small Group Sessions
11h50-12h30	0.75	Small Group Sessions
13h30-15h00	1.5	Therapeutics in IBD: Past, present and future

This educational program offers a total of 90.75 hours of Section 1 accredited learning and up to 28.5 credits per delegate  
Please visit <http://www.cag-acg.org/> to evaluate the conference and print your certificate