



CDDW™ 2017
FAIRMONT BANFF SPRINGS HOTEL
BANFF ALBERTA
MAR 3 - 6

PROGRAM



Program-at-a-Glance

FRIDAY MARCH 3		SUNDAY MARCH 5	
	GI Pharmacology and Drug Development		Home Nutrition Guide for Cirrhosis Patients
08h00 - 09h30	Hands-on Skills and Techniques	08h00 - 09h00	IBD in Pregnancy
	The Decompensated Patient		Non-ulcerative Dyspepsia
09h30 - 10h00	Exhibits & Coffee Break	08h30 - 10h30	Gut Barrier Defenses
	CAG/CCC Student Prize Paper Presentations		CASL Paper Session 2
10h00 - 11h30	CAG Selected Clinical Presentations	09h00 - 10h30	Diet, Obesity and the Microbiome
	Updates on Common Liver Diseases		Exhibits & Coffee Break
11h30 - 12h30	Exhibits & Lunch	10h30 - 11h00	Small Group Sessions (11h00-11h40 and 11h50-12h30)
	Roles of Nutrition and Microbiota in GI Diseases	11h00 - 12h30	Exhibits & Lunch
12h30 - 14h30	Case-based Problems	12h30 - 13h30	Research Award Lectures
14h30 - 15h00	Exhibits & Coffee Break		Sass-Kortsak Lecture/CASL Pediatric Symposium
15h00 - 16h30	Managing Refractory Abdominal Symptoms in IBD	13h30 - 15h00	Colon Cancer Screening
	CASL AGM	15h00 - 15h30	Exhibits & Coffee Break
16h30 - 17h30	CAG AGM		From Basic Research to Clinical Trials
17h30 - 18h30	CDDW™ Opening Reception	15h30 - 17h00	Policy 101 for the Gastroenterologist/Hepatologist
18h30 - 19h30	CASL-CAHN Mixer		2016 Papers That Influenced Your Practice
18h30 - 20h00	Trainee Mixer	17h00 - 18h00	Awards Ceremony
	SATURDAY MARCH 4	18h00 - 19h30	Poster Session 2
08h00 - 10h00	Post-infectious Gut Inflammatory Disorders	20h00 - 23h30	Gala Evening
	Challenging Autoimmune Hepatitis Cases		MONDAY MARCH 6
08h00 - 09h00	Electrosurgery and You	08h00 - 09h30	IBD - Managing Biologics
	Perianal and Fistulizing IBD	09h00 - 10h30	PBC/PSC*
08h30 - 10h00	CASL Paper Session 1	09h30 - 10h15	Small Groups from Managing Biologics
09h00 - 10h00	Gastroenterology 2021: An eye to the future	10h15 - 10h45	Coffee Break
10h00 - 10h30	CLF-CASL Gold Medal Lecture	10h45 - 12h15	Rapid Fire Journal Review
10h30 - 11h00	Exhibits & Coffee Break		
11h00 - 12h30	Small Group Sessions (11h00-11h40 and 11h50-12h30)		
12h30 - 13h30	Exhibits & Lunch		
	Career Development		
13h30 - 15h00	Hepatitis B Virus		
	Portal Hypertension, Polypectomy and Prevention		
15h00 - 15h30	Exhibits & Coffee Break		
	Stroma/Epithelial Stem Cell Interaction		
15h30 - 17h00	Hepatitis C Virus		
	Clinical Practice Guideline Highlights		
17h00 - 17h30	McKenna Reception		
17h30 - 18h30	R.D. McKenna Memorial Lecture		
18h30 - 20h00	Poster Session 1		

*Primary Biliary Cholangitis/Primary Sclerosing Cholangitis

- CAG Clinical
- CAG Basic Science
- CASL
- CAG & CASL
- Key Events & Receptions





CDDW™ 2017

FAIRMONT BANFF SPRINGS HOTEL
BANFF ALBERTA
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Welcome to CDDW™ 2017!

The Canadian Association of Gastroenterology (CAG) and the Canadian Association for the Study of the Liver (CASL) are excited to welcome you to Canadian Digestive Diseases Week™ (CDDW™) 2017 in beautiful Banff, Alberta!

CDDW™ is Canada's premier education, research, and networking event for the field of gastroenterology and hepatology. Please visit our over 40 exhibitors showcasing their latest products, services and educational materials. Don't forget to purchase your gala ticket for the Sunday Medieval in the Mountains themed party!

NEW for CDDW™ 2017...

- Hands-on Skills and Techniques: Six practical and highly interactive training stations: Banding, Clipping, Upper GI Hemostasis, Stent Insertion, Capsule Reading and Skills Enhancement for Endoscopy® (SEE®).
- A Section 3 credit option has been added for the Rapid Fire Journal Review Session on Monday March 6 from 10h45 to 12h15.
- e-Learning Lounge – Relax on comfy couches and use an iPad to view any of 33 American Society for Gastrointestinal Endoscopy (ASGE) videos and the CAG's many educational ePortal videos.
- Jobs Center on the CDDW™ app. View and post jobs.
- A handy "Z" card tucked into your lanyard. A map and schedule at-a-glance at your fingertips as well as tickets for events!

📱 Abstracts on the CDDW™ app.

CDDW™ offers both **clinical and basic science sessions**, including the trademark sessions noted below.

Richard D. McKenna Memorial Lecture

Named after the founder of the Association, this prestigious lecture features an international leader in the area. **Dr. Sheila Crowe, University of California, San Diego** will speak on *The Growing Problem of Food Allergies and Intolerances*

Postgraduate Course: Advances in Gastroenterology and Hepatology

Intended to quickly bring clinicians up-to-date with short updates on advances in selected areas.

Symposia

Address a variety of timely, basic and clinical science topics.

Breakfast with the Experts & Small Group Sessions

Offers interactive time with leaders in the field in a small group learning format.

Enjoy. Learn. Interact and network; the CDDW™ app now has this functionality! Please remember to complete your evaluations so we can make CDDW™ 2018 an even better educational experience!

Don't forget to follow us on Twitter and Facebook (@cddwcanada) and use the hashtag #CDDW2017!



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CDDW™ is the joint meeting of:



Implementation Committee

Co-Chairs

Nicola Jones, CAG President Elect
Marc Bilodeau, CASL President Elect

CAG Committee

David Armstrong , President
Kevin Waschke, Education
François Boudreau, Research
Wallace MacNaughton, Finance
Paul Sinclair, Executive Director

CASL Committee

Richard Schreiber, President
Hemant Shah, Education
Christopher Rose, Research
Kelly Burak, Finance
Rebecca Swanson

GRIT Course

Geoff Williams, Orlee Guttman

Scholars' Program

Herbert Brill, Saumya Jayakumar

Research Topics in GI Disease

Elena Verdu, Carla Coffin



Don't forget to visit the e-Learning Lounge!

Located inside of N.R. Crump (Speaker Ready Room) on second floor of the Conference Centre



Log in using your MY CAG account

- Access a wide variety of educational materials
- Claim Section One, Two or Three credits
- View highly rated CDDW™ lectures from previous meetings
- Discuss hot topics with experts and colleagues
- Track CME credits and obtain Certificates of Attendance with your personalized profile
- CAG Trainees: Resident's Corner on the CAG ePortal contains over 20 videos from the latest Basic Science and CanMEDS Lecture Series!



- Over 30 ASGE Endoscopic Learning Library videos
- View videos in the lounge on a dedicated tablet with earphones
- Claim Section Two credits

List of videos available:

1. Management of Benign and Malignant Strictures
2. Endoscopic Mucosal Resection
3. Essentials of Therapeutic ERCP
4. Diagnostic ERCP
5. Challenges in Therapeutic ERCP
6. Radial and Linear EUS
7. Pancreaticobiliary EUS
8. Diagnosis and Treatment of Early Gastric Cancer
9. Training for Endosonography
10. Endoscopic Clipping Techniques
11. Diagnosis of Flat and Depressed Colorectal Neoplasms
12. Endoscopic Management of Periampullary Adenomas
13. Bariatric Surgery – An Instructional Program for GI Endoscopists
14. Endoscopic Removal of Foreign Bodies in Upper Gastrointestinal Tract
15. Endoscopic Techniques for Enteral Access
16. Endoscopic Submucosal Dissection for Gastric Superficial Tumors
17. Double-Balloon Endoscopy for Diagnosis and Treatment of Small Intestinal Diseases
18. 2006 ASGE Video Forum
19. Endoscopic Approach to Hemorrhoids
20. Esophageal Capsule Endoscopy for the Diagnosis of Esophageal Diseases
21. Colonoscopy Technique: Basic and Advanced
22. Colonoscopic Polypectomy
23. EUS In Hand
24. Endoscopic Interpretation and Therapy of Severe Lower GI Bleeding
25. Endoscopic Removal of Submucosal Tumors
26. Small Bowel Imaging
27. Biliary Access Techniques for ERCP: From Basic to Advanced
28. The Bariatric Patient: Endoscopic Diagnosis and Management
29. Small Bowel Imaging
30. Endoscopic Tissue Sampling of UGI Tract: Forceps to Optical
31. Endoscopic Submucosal Dissection of Colon Lateral Spreading Tumor
32. Diagnostic and Therapeutic Endoscopy in Patients after Ileal Pouch Surgery
33. Polyposis Syndrome/Genetic GI: Endoscopic Diagnosis and Management

Registration

Gastroenterology Residents in Training (GRIT) Program

(invitation only)

Curio Foyer, Mezzanine II

February 28 12h00-21h00

March 1 08h00-19h15

March 2 08h00-18h30

Scholars' and Research Topics in Gastrointestinal (GI) Disease Programs *(invitation only)*

Curio Foyer, Mezzanine II

March 1 08h00-19h15

March 2 08h00-18h30

CDDW™

President's Foyer - Conference Centre

March 2 15h00-18h30

March 3 07h00-18h30

March 4 07h00-18h00

March 5 07h30-17h30

March 6 07h30-12h00

Exhibit Hours

Exhibit and Trade Show

Van Horne B&C

March 3 09h30-18h30

March 4 10h30-15h30

March 5 10h30-15h30

Speaker Ready Room

Please note that all speakers are asked to present themselves at the Speaker Ready Room, N.R. Crump, at least two hours before their presentation.

Speaker Ready Room Hours

March 2 15h00-19h00

March 3-4 07h00-18h00

March 5 07h30-12h00

March 6 07h30-12h00

NO presentation preparation/loading for plenary sessions will be permitted to take place in rooms Theatre, Van Horne A, or Sir Edward Beatty/D.C. Coleman. Breakfast and small group presentations may be loaded in those rooms.

Gala Event: Medieval in the Mountains

Sunday March 5 20h00- Riverview Foyer
Break bread and rejoice with comrades until the casks are empty.

Tickets include: dinner, refreshments and entertainment.

Dress code: Cocktail attire is welcomed but not required.

Tickets: \$100.00 CAD, plus tax.

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 all CanMEDS roles which will also be identified at the beginning of each session. For more information on these newly revised definitions, visit:
<http://www.royalcollege.ca/rcsite/canmeds/canmeds-framework-e>

Accreditation

CDDW™ is accredited as a group learning activity (Section 1) as defined by the Maintenance of Certification (MOC) Program of the Royal College of Physicians and Surgeons of Canada (RCPSC) (as the conference overall includes at least 25% interactive time). Financial support for sessions, as indicated within the program, is through educational grants.

Live educational activities, occurring in Canada, recognized by the RCPSC 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 RCPSC and the American Medical Association

(AMA), physicians may convert RCPSC MOC credits to AMA PRA Category 1 Credits™. Information on the process to convert RCPSC MOC credit to AMA credit can be found at <https://www.ama-assn.org/education/agreement-royal-college-physicians-surgeons-canada>

Overall Learning Objectives for CDDW™ 2017

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, disease.
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.

These learning objectives also apply to all lectures/poster sessions at CDDW™ 2017 that do not list individual objectives.



CDDW™ 2017 is endorsed by the American College of Gastroenterology (ACG).

FRIDAY, MARCH 3

08h00-09h30

†CAG Symposium: Gastrointestinal Pharmacology and Drug Development: From hurdles to development and reality

Theatre

Learning Objective:

At the end of this session participants should better understand the hurdles leading to the development of new therapies targeting GI diseases.

Co-Chairs: Fernand-Pierre Gendron, Université de Sherbrooke and Simon Hirota, University of Calgary

Targeting Endocytosis: New Treatments for Pain
Nigel Bunnett, Columbia University

Developing a Novel Anti-Inflammatory Drug: Lost (and Found) in translation

John Wallace, University of Calgary

Using T Cells as Drugs in Inflammatory Bowel Disease
Jens Vent-Schmidt, University of British Columbia

Semaphorin3E (Sema3E) regulates intestinal inflammation through the modulation of dendritic cells functions (Abstract 1)

L. Kermarrec¹, N. Eissa¹, C. N. Bernstein², J. Ghia³

¹Immunology, ²Internal Medicine Section of Gastroenterology, and ³Immunology and Internal Medicine Section of Gastroenterology - University of Manitoba, Winnipeg, Manitoba

08h00-09h30

CAG/CASL Postgraduate Course: The Decompensated Patient

Van Horne A

Learning Objectives:

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

1. Refine their approach to managing patients with decompensated liver disease;
2. Analyze practical approaches to managing difficult ascites while appreciating the challenges ascites management can pose for the patient and the provider;
3. Identify factors that lead to readmission of cirrhotic patients and promote behaviours that will prevent readmission of cirrhotic patients at the individual and systems level.

Co-Chairs: Mang Ma, University of Alberta and Philip Wong, McGill University

Hard to Treat Ascites: Tips/Tricks
Geoffrey Dusheiko, University College, London

Palliation for End-Stage Liver Disease
Puneeta Tandon, University of Alberta

Prevention of Readmission in Cirrhotic Patients
Anna Lok, University of Michigan

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

08h00-09h30
Hands-on Skills and Techniques

Alhambra

Learning Objectives:

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

1. Appreciate the role of conscious competence in enabling the acquisition and enhancement of endoscopic skills;
2. Understand the relevance of a standardized approach to lesion recognition and characterization in making endoscopic diagnoses;
3. Appreciate the importance of planning and preparation in performing endoscopic interventions safely and effectively.

This practical and highly interactive session will provide hands-on training, using animal parts, for a limited number of delegates as they rotate through two of six possible stations (stations selected by delegates at pre-registration).

Banding

Charles Ménard, Université de Sherbrooke

Clipping

Alaa Rostom, University of Ottawa

Upper GI Hemostasis

Kevin Waschke, McGill University

Stent Insertion

Lawrence Hookey, Queen's University

Capsule Reading

Robert Enns, University of British Columbia

Skills Enhancement for Endoscopy®

Don MacIntosh, Dalhousie University

Please note that pre-registration is required to gain admittance to Hands-on Skills and Techniques.

09h30-10h00 Exhibits & Coffee Break

Van Horne B/C & Foyers

10h00-11h30
†CAG Selected Clinical Presentations

Sir Edward Beatty/D.C. Coleman

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

FRIDAY, MARCH 3

Success of enhanced primary care pathways in managing routine GI referrals (Abstract 16)

P. J. Belletrutti¹, G. Heather², B. Kathol², M. Swain¹, R. Ward³, L. Slocombe³, K. P. Rioux¹

¹University of Calgary, Calgary, Alberta; ²Alberta Health Services, Calgary, Alberta; ³AHS pan-PCN Working Group, Calgary, Alberta

Linear growth impairment in Canadian children presenting with new onset IBD: a multi-centre inception cohort study (Abstract 17)

T. D. Walters⁵, D. R. Mack³, H. Q. Huynh¹⁰, J. deBruyn¹¹, K. Jacobson¹, A. Otley⁴, W. El-Matary¹², C. Deslandres², M. Sherlock⁷, E. G. Seidman⁹, K. Bax¹³, J. Critch⁸, P. C. Church⁵, E. I. Benchimol³, E. Wine¹⁰, S. Lawrence¹, J. Van Limbergen⁶, P. Jantchou², M. W. Carroll¹⁰, A. Griffiths⁵

¹BC Children's Hospital, Vancouver, British Columbia;

²CHU Sainte-Justine, Montréal, Québec; ³Children's Hospital of Eastern Ontario, Ottawa, Ontario; ⁴Dalhousie University, Halifax, Nova Scotia; ⁵Hospital For Sick Children, Toronto, Ontario; ⁶WK Health Centre, Halifax, Nova Scotia; ⁷McMaster Children's Hospital, Hamilton, Ontario; ⁸Memorial University, St. John's, Newfoundland; ⁹Research Institute McGill University Health Center, Montréal, Québec; ¹⁰University of Alberta, Edmonton, Alberta; ¹¹University of Calgary, Calgary, Alberta; ¹²University of Manitoba, Winnipeg, Manitoba; ¹³Western University, Schulich School of Medicine, London, Ontario

Improving compliance with colonoscopy surveillance interval guidelines (Abstract 18)

M. Bargaonkar², D. Pace², J. S. McGrath², J. Harding¹

¹Eastern Health, St. John's, Newfoundland; ²Memorial University, St. John's, Newfoundland

Developing a competency-based performance metric of colonoscopy skills acquisition using motion analysis - step 1: low-fidelity benchtop model (Abstract 19)

C. Wang², M. Holden², T. Ungi², G. Fichtinger², C. M. Walsh¹, L. Hookey²

¹Hospital for Sick Children and The Wilson Centre, Toronto, Ontario; ²Queen's University, Kingston, Ontario

Predictors of patient reluctance to use split dose bowel preparation for early morning colonoscopies (Abstract 20)

L. A. Shafer, C. Waldman, J. R. Walker, V. Michaud, C. N. Bernstein, L. Hathout, J. Park, J. Sisler, G. Restall, K. Wittmeier, H. Singh

University of Manitoba, Winnipeg, Manitoba

Randomized prospective study: impact of the patient education website on the quality of outpatient bowel preparation for colonoscopy (Abstract 21)

M. M. Suzuki¹, M. Bardi³, O. Takach³, C. Galorport², J. Yonge³, N. Harris², E. Lam², J. J. Telford³, G. Rosenfeld², H. H. Ko³, R. A. Enns²

¹Pacific Gastroenterology Associates, Vancouver, British Columbia; ²St. Paul's Hospital, Vancouver, British Columbia; ³University of British Columbia, Vancouver, British Columbia

10h00-11h30

CAG/CASL Postgraduate Course: Updates on Common Liver Diseases

Van Horne A

Learning Objectives:

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

1. Understand the indications for antiviral therapy in individuals with chronic hepatitis B infection;
2. Identify interferon-free therapies that can be used in individuals with chronic hepatitis C infection;
3. Choose among different diagnostic tools to manage individuals with suspected NASH.

Co-Chairs: Marc Bilodeau, Université de Montréal and Les Lilly, University of Toronto

An Update on Hepatitis B

Anna Lok, University of Michigan

An Update on Hepatitis C Treatment

Jordan Feld, University of Toronto

NASH: Update on Diagnosis and Therapy

Keyur Patel, University of Toronto

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

10h00-11h30

†CAG/Crohn's and Colitis Canada Student Prize Paper Presentations

Theatre

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.

CAG Student Prize

Loss of mesenchymal Bmps signaling synergizes with Trp53 mutation to induce gastric oncogenic progression (Abstract 2)

C. Ouellet¹, P. Garde-Granger², F. Boudreau¹, N. Perreault¹

¹Département Anatomie et Biologie Cellulaire and

²Faculté de Médecine - Université de Sherbrooke, Sherbrooke, Québec

CAG Student Prize

A serpin-producing *Bifidobacteria* improves gluten pathology in mice (Abstract 3)

J. Dong¹, J. McCarville¹, A. Caminero Fernandez¹, J. Jury¹, M. Bermudez¹, P. Langella², A. Mercenier³, G. Bergonzelli³, S. Duboux³, E. Verdu¹

¹McMaster University, Hamilton, Ontario; ²INRA, Jouy-en-Josas; ³Nestle Research Center, Lausanne

Crohn's and Colitis Canada Student Prize

Diagnosis of asthma is associated with subsequent development of inflammatory bowel disease: a population-based case-control study (Abstract 4)

E. Kuenzi¹, C. Barnabe², C. Seow², B. Eksteen², M. E. Negron², A. Rezaie², R. Panaccione², E. I. Benchimol¹, M. Sadatsafavi³, A. Avina-Zubieta³, G. G. Kaplan²

¹Children's Hospital of Eastern Ontario, Ottawa, Ontario;

²University of Calgary, Calgary, Alberta; ³University of British Columbia, Vancouver, British Columbia

Co-Chairs: Francois Boudreau, Université de Sherbrooke and Natasha Kachan, Crohn's and Colitis Canada

Crohn's and Colitis Canada Student Prize

Fructooligosaccharide exacerbates inflammation and the loss of microbial diversity following ileocecal resection in a murine model of post-operative Crohn's disease recurrence (Abstract 5)

M. Laffin, T. Perry, N. Hotte, H. Park, R. Fedorak, B. Dicken, K. Madsen

University of Alberta, Edmonton, Alberta

Honorable Mention

Preferences for care for active symptoms of IBD in a population based sample (Abstract 6)

M. T. Bernstein, T. Chhibba, J. R. Walker, M. Ivekovic, G. Restall, H. Singh, L. E. Targownik, C. N. Bernstein
University of Manitoba, Winnipeg, Manitoba

Honorable Mention

PI3Kp110δ drives intestinal fibrosis in ship deficient mice (Abstract 7)

Y. Lo, J. Sauvé, S. Menzies, L. M. Sly

University of British Columbia, Vancouver, British Columbia

Honorable Mention

Prolonged fasting alters the gut microbiome and protects against *Salmonella*-induced gut inflammation (Abstract 8)

F. A. Graef¹, J. Lau¹, E. S. Bosman², M. Kuan², H. Yang², L. S. Celiberto², J. C. Berkman², M. Stahl², S. M. Crowley², H. Yu², M. Surette¹, E. Verdu¹, K. Jacobson², B. Vallance²

¹McMaster University, Hamilton, Ontario; ²Pediatrics, BC Children's Hospital Research Institute, Vancouver, British Columbia

FRIDAY, MARCH 3

11h30-12h30 Exhibits & Lunch

Van Horne B/C & Foyers

12h30-14h30

†CAG Symposium: Roles of Nutrition and Microbiota in GI Diseases

Theatre

Learning Objectives:

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

1. Discuss evidence-based dietary management of IBD;
2. Understand how to design an effective clinical nutrition study in IBD patients;
3. Review the diet-induced dysbiosis and consequences on immunity.

Co-Chairs: Deanna Gibson, University of British Columbia and Elena Verdu, McMaster University

Evidence-based Dietary Management of IBD
Deanna Gibson, University of British Columbia

How to Design and Interpret Dietary Intervention Trials in IBD
Paul Moayyedi*, McMaster University

Undernutrition and the Infant Intestinal Microbiota
Amea Manges, University of British Columbia

Interaction between Genes, Microbiota and Diet in IBD: The example of Card9
Harry Sokol, Université Pierre et Marie Curie

Short-term exposure to a high sugar diet reduces short chain fatty acid production and increases susceptibility to colitis (Abstract 9)
A. Gill, R. Fedorak, H. Park, N. Hotte, R. Ginter, A. Hassanzadeh Keshteli, K. Madsen
University of Alberta, Edmonton, Alberta

- CAG co-developed this program with Canadian Institutes of Health Research Institute of Nutrition, Metabolism and Diabetes to achieve scientific integrity, objectivity and balance -

12h30-14h30

CAG/CASL Postgraduate Course: Case-based Problems

Van Horne A

Learning Objectives:

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

1. Discuss the efficacy and cost-effectiveness of current screening/surveillance strategies for Barrett's esophagus and optimal management of low-grade dysplasia;
2. Develop an approach to screening patients with intestinal metaplasia and identification of patients at increased risk for gastric cancer (who, when and how);
3. Recognize how to differentiate Celiac disease from other gluten-related disorders and discuss initial and subsequent tests needed to confirm diagnosis;
4. Explain the options for long-term management and surveillance of patients with eosinophilic esophagitis.

Co-Chairs: Catharine Walsh, University of Toronto and Charles Ménard, Université de Sherbrooke

Barrett's Esophagus
Serge Mayrand, McGill University

Intestinal metaplasia/early gastric cancer
Daniel von Renteln, Université de Montréal

Question & Answer

Celiac disease
David Armstrong*, McMaster University

Eosinophilic esophagitis
Vishal Avinashi, University of British Columbia

Question & Answer

14h30-15h00 Exhibits & Coffee Break Van Horne B/C & Foyers

15h00-16h30

CAG/CASL Postgraduate Course: Managing Refractory Abdominal Symptoms in IBD

Van Horne A

Learning Objectives:

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

1. Assess and manage IBD patients with abdominal symptoms with active and inactive inflammation;
2. Describe the investigative work up in pediatric patients with refractory IBD;
3. Explain to their patients the current understanding of how symptoms of the Irritable Bowel Syndrome (IBS) can emerge following resolution of a flare of IBD;
4. Understand putative common pathophysiological mechanisms between celiac disease and IBD and their clinical presentations.

Co-Chairs: Johan Van Limbergen, Dalhousie University and Premysl Bercik, McMaster University

Managing the Refractory Adult Patient with IBD: Inflamed or not inflamed...that is the question?
Reena Khanna, Western University

Investigation of Refractory IBD – A pediatric perspective
Sally Lawrence, University of British Columbia

Can We Diagnose IBS in IBD Patients?
Stephen Vanner, Queen's University

On a Crossroad Between IBD and Celiac Disease
Premysl Bercik, McMaster University

Question & Answer

16h30-17h30

CAG Annual General Meeting

Theatre

View agenda by logging in to your MY CAG account.

16h30-17h30

CASL Annual General Meeting

Sir Edward Beatty/D.C. Coleman

17h30-18h30

CDDW™ Opening Reception

Van Horne B/C & Foyers

Give a note of thanks to our sponsors and exhibitors as, without their critical support, this meeting would not be possible!

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/instrumental 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.

While at each exhibit booth, have your badge scanned to be entered into a contest for a chance to win 1 of 12 prizes for complimentary room nights at the Fairmont Royal York (base room and taxes) for CDDW™ 2018.

FRIDAY, MARCH 3

18h30-19h30
CASL-CAHN Mixer

Riverview Foyer

18h30-20h00
Trainee Mixer

Stanley Thompson Foyer

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 trainee mixer drink tickets) will be served.

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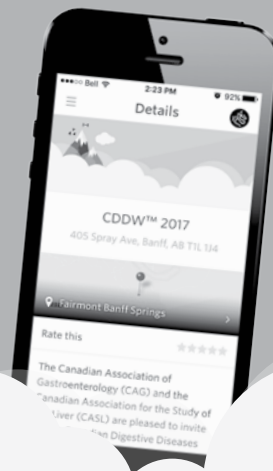
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guidebook

SATURDAY, MARCH 4

08h00-09h00

CAG Breakfast with the Experts: Electrosurgery and You

Oak

Learning Objectives:

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

1. Review principles of electrosurgery with respect to GI endoscopy;
2. Discuss optimal cautery settings for the safe and effective performance of polypectomy, sphincterotomy, EMR and hemostasis.

Speakers: Christopher Teshima, University of Toronto and Michael Sey, Western University

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

08h00-09h00

CAG Breakfast with the Experts: Perianal and Fistulizing IBD

Norquay

Learning Objectives:

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

1. Classify perianal Crohn's disease;
2. Identify the appropriate investigations required to manage perianal Crohn's disease;
3. Recognize the different medical and surgical treatment options to successfully manage perianal Crohn disease.

Speakers: Jeff Critch, Memorial University and Renelle Daigle, University of Calgary

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

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

08h00-09h00

CASL Breakfast with the Experts: Challenging Autoimmune Hepatitis Cases

Ivor Petrak

Learning Objectives:

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

1. Discuss the treatment of patients with autoimmune hepatitis according to the most current guidelines;
2. Review the diagnosis and management of acute-severe autoimmune hepatitis;
3. Discuss the management of difficult cases of autoimmune hepatitis, including overlap syndromes.

Speakers: Aldo Montano-Loza, University of Alberta and Aliya Gulamhusein, University of Toronto

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

08h00-10h00

†CAG Symposium: Mechanisms Responsible for Post-infectious Gut Inflammatory Disorders

Theatre

Learning Objectives:

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

1. Understand the pathogenesis, epidemiology and natural history of post-infectious irritable bowel syndrome;
2. Learn how acute infectious diarrhea can affect the short- and long-term health of local populations, travellers and military personnel;
3. Explore the role of a disrupted gut microbiota in these post-infectious phenomena.

Co-Chairs: Andre Buret, University of Calgary and John Marshall, McMaster University

Post-infectious Irritable Bowel Syndrome
John Marshall, McMaster University

Emerging Evidence on Causality for other Post-infectious Chronic GI Conditions
Mark Riddle, Naval Medical Research Center

How Acute Exposure to Enteropathogens May Cause Intestinal Inflammatory Disorders: A role for disrupted microbiota
Andre Buret, University of Calgary

An ulcerative colitis *Escherichia coli* pathobiont colonizes the intestinal mucosa of susceptible hosts and promotes colitis via hemolysin production (Abstract 10)
H. Yang¹, H. C. Mirsepasi-Lauridsen³, E. S. Bosman², C. Struve³, H. Yu¹, X. Wu², C. Ma¹, G. Reid¹, X. Li⁴, A. M. Petersen⁵, K. Jacobson¹, K. A. Krogfelt³, B. Vallance¹
¹BC Children's Hospital, Vancouver, British Columbia;
²University of British Columbia, Vancouver, British Columbia;
³Statens Serum Institut, Copenhagen;
⁴Cleveland Clinic Lerner Research Institute, Cleveland, Ohio;
⁵Hvidovre University Hospital, Copenhagen

Effect of fecal microbial transplant on microbial and phage composition in patients with *Clostridium difficile* infection (Abstract 11)
H. Park¹, B. T. Millan², N. Hotte¹, D. H. Kao¹, K. Madsen¹
¹University of Alberta, Edmonton, AB, Canada;
²University of Calgary, Calgary, AB, Canada

08h30-10h00

†CASL Paper Session 1

Sir Edward Beatty/D.C. Coleman

Learning Objectives:

At the end of this session participants will be able to evaluate innovative liver research changing the management of patients living with chronic liver disease and explore opportunities to integrate the research into clinical care.

Co-Chairs: Mayur Brahmania, University of Toronto and Mark Swain, University of Calgary

SATURDAY, MARCH 4

Liver type fatty acid binding protein (FABP1) levels improve performance of prognostic models in acetaminophen induced acute liver failure (Abstract 22)

C. J. Karvellas¹, J. L. Speiser², M. Tremblay³, W. Lee⁴, C. F. Rose³

¹University of Alberta, Edmonton, Alberta; ²Medical University of South Carolina, Charleston, South Carolina; ³CRCHUM, Montréal, Québec; ⁴UT Southwestern, Dallas, Texas

Circulating propionate and splanchnic vasodilation in cirrhosis (Abstract 23)

C. McDougall, A. Davila, A. Mason, S. Alghbli, O. Hojanepesov, D. Shah, A. Mason, P. Tandon, J. G. Abraldes

University of Alberta, Edmonton, Alberta

Specialized multidisciplinary care in cirrhosis improves mortality and reduces acute care utilization (Abstract 24)

M. Carbonneau², T. Davyduke², P. Tandon¹, M. Ma¹, K. Newnham², V. DenHeyer², J. G. Abraldes¹

¹University of Alberta, Edmonton, Alberta; ²Cirrhosis Care Clinic, University of Alberta Hospital, Edmonton, Alberta

Home exercise therapy is well tolerated and improves exercise capacity in patients with Child Pugh A and B cirrhosis (Abstract 25)

C. Kruger¹, M. McNeely¹, R. Bailey², M. Yavari¹, J. G. Abraldes¹, M. Carbonneau¹, K. Newnham¹, V. Mathiesen¹, M. Ma¹, R. Thompson¹, I. Paterson¹, M. Haykowsky³, P. Tandon¹

¹University of Alberta, Edmonton, Alberta; ²Royal Alexandra Hospital, Edmonton, Alberta; ³College of Nursing and Health Innovation, University of Texas at Arlington, Arlington, Texas

Treatment outcomes of HCV-infected patients identified through the community pop-up clinic (Abstract 26)

G. Kiani², R. Shahi², T. Raycraft¹, A. Alimohammadi², A. Singh², B. Conway²

¹University of British Columbia, Vancouver, British Columbia; ²Vancouver Infectious Diseases Centre, Vancouver, British Columbia

Characterization of HCV infected PWID in the setting of clinical care in Canada (CAPICA): final results (Abstract 27)

J. Feld¹, B. Conway², J. Bruneau³, C. Cooper⁴, J. Cox⁵, L. Deshaies⁶, C. Fraser⁷, G. Macphail⁸, J. Powis⁹, C. Steingart¹⁰, K. Stewart¹¹, R. Thomas¹², D. Webster¹³, M. Drolet¹⁴, M. McGovern¹⁴, J. Trepanier¹⁴

¹Centre for Liver Disease, Toronto General Hospital, Toronto, Ontario; ²Vancouver Infectious Diseases Centre, Vancouver, British Columbia; ³CHUM-Hopital St-Luc, Montréal, Québec; ⁴Ottawa Hospital Research Institute, Ottawa, Ontario; ⁵McGill University Health Center, Montréal, Québec; ⁶Clinique Médicale Lauberivière, Québec, Québec; ⁷Cool Aid Community Health Center, Victoria, British Columbia; ⁸Calgary Urban Project Society (CUPS), Calgary, Alberta; ⁹Toronto Community Hep C Program, Toronto, Ontario; ¹⁰Sanguen Health Center, Waterloo, Ontario; ¹¹Saskatoon Infectious Disease Care Network, Saskatoon, Saskatchewan; ¹²Clinique Médicale l'Actuel, Montréal, Québec; ¹³Dalhousie University, Saint John, New Brunswick; ¹⁴Merck Canada, Kirkland, Québec

- CAG co-developed this program with Bristol-Myers Squibb Canada to achieve scientific integrity, objectivity and balance -



CDDW™ 2017
FAIRMONT BANFF SPRINGS HOTEL
BANFF ALBERTA
MAR 3-6

09h00-10h00

**CAG Symposium: Gastroenterology 2021:
An eye to the future**

Van Horne A

Learning Objectives:

At the end of this session participants will:

1. Appreciate potential future developments in the management of digestive health;
2. Understand how new technologies can be incorporated into digestive health care;
3. Understand how gastroenterology can lead patient-centred enhancement of digestive health.

**Co-Chairs: Nicola Jones, University of Toronto and
David Armstrong*, McMaster University**

**Predictions and Adaptation: Approaching new
technologies and treatments in gastroenterology**
Michael Camilleri, Mayo Clinic*

**Leadership and Adoption: Advancing care in
gastroenterology**
Jonathan Meddings, University of Calgary

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

10h00-10h30

CLF-CASL Gold Medal Lecture

Sir Edward Beatty/D.C. Coleman

Hepatitis B Elimination: Is it possible
Anna Lok, University of Michigan

10h30-11h00 **Exhibits & Coffee Break** *Van Horne B/C & Foyers*



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SATURDAY, MARCH 4

SMALL GROUP SESSIONS

Small group sessions (limit of up to 35 attendees) are 40-minute interactive, case-based discussions.
Pre-registration required.

11h00-11h40 CAG Small Group: Case-based Anticoagulation

Speakers: Dan Sadowski, University of Alberta and
Deirdre Jenkins, University of Calgary

David O'Brien

Learning Objectives:

At the end of this session participants will:

1. Be able to make recommendations for peri-endoscopic managements of patients on anticoagulants and anti-platelet agents;
2. Be aware of options for reversal of direct oral anticoagulants;
3. Become aware of evidenced-based red blood cell transfusion thresholds in the patient with GI bleeding.

11h00-11h40 CAG Small Group: Endoscopy in the Bariatric Patient

Speakers: David Morgan, McMaster University and
Richdeep Gill, University of Calgary

- CAG co-developed this program with PENTAX Medical
to achieve scientific integrity, objectivity and balance -

Champlain

Learning Objectives:

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

1. Recognize normal anatomy in common bariatric surgeries;
2. Identify abnormal findings post-bariatric surgery;
3. Describe common endoscopic interventions for the post bariatric surgery patient.

Did you know...

The Fairmont Banff Springs Hotel
had to close its doors in 1942
due to the effect of World War II?

SMALL GROUP SESSIONS

11h00-11h40

CAG Small Group: *H. pylori* Infection in Children: New Guidelines

Speakers: Nicola Jones, University of Toronto and
Colette Deslandres, Université de Montréal

Rob Ritchie

Learning Objectives:

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

1. Identify when testing for *H. pylori* in the pediatric population is indicated based on the updated guidelines;
2. Recommend appropriate first-line therapy for *H. pylori* infection based on the updated guidelines.

11h00-11h40

CAG Small Group: Practical Tips for Finding a Job and Going Into Practice

Speakers: Susan Gilmour, University of Alberta and
Robert Berger, Dalhousie University

Frontenac

Learning Objectives:

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

1. Describe their career goals including whether to pursue academic or private practice;
2. Recognize niche areas of practice and how they may fulfill career goals;
3. Appreciate some of the aspects of the business-side of a private practice;
4. Recognize the importance of considering what you seek for a career and how that aligns with personal life goals.

11h00-11h40

CAG Small Group: Quality in the Gastroenterology Unit

Speakers: Catherine Dubé, University of Ottawa and
Alain Bitton, McGill University

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

New Brunswick

Learning Objectives:

At the end of this session participants will:

1. Understand the concepts of quality of care and patient centeredness in gastroenterology;
2. Be familiar with the endoscopy Canada Global Rating Scale® (C-GRS®);
3. Have explored the domains of quality of care for IBD patients.

* American College of Gastroenterology Fellow or Master

† Session includes oral presentations of key abstracts

SATURDAY, MARCH 4

SMALL GROUP SESSIONS

11h00-11h40

CAG Small Group: SEE®: Practical Tips

Room 2526

Learning Objectives:

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

1. How scope handling influences colonoscopy technique;
2. How to apply torque steering during colonoscopy;
3. How to integrate changes in handling and torque into one's colonoscopy technique.

Speakers: Richard Sultanian, University of Alberta and Kevin Waschke, McGill University

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

11h00-11h40

CAG Small Group: The Fly and Zebrafish as Models to Study GI Tract Disorders

Angus

Learning Objectives:

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

1. Integrate physiological and functional resemblance between fly, zebrafish and mammalian gut physiology;
2. Describe genetic approaches to test gene functions in fly and zebrafish;
3. Utilize non-mammalian model organisms to study intestinal diseases and the microbiota.

Speakers: Steve Jean, Université de Sherbrooke and Gabriella Leung, University of Toronto

11h00-11h40

CASL Small Group: A Case-based Approach to Advanced Care Planning and Goals of Care Discussions in Cirrhosis

Norquay

Learning Objectives:

At the end of this session participants will:

1. Understand the rationale for early Advance Care Planning (ACP) and Goals of Care Discussions (GCD) in cirrhosis;
2. Understand the importance of determining patient communication preferences and readiness prior to ACP discussions;
3. Begin to develop a patient-centered approach to having ACP and GCD discussions.

Speakers: Puneeta Tandon, University of Alberta and Amanda Brisebois, University of Alberta

SMALL GROUP SESSIONS

11h00-11h40

CASL Small Group: Liver Disease and Driving Safety

Speakers: Philip Wong, McGill University and Stephen Congly, University of Calgary

Ivor Petrak

Learning Objectives:

At the end of this session participants will:

1. Appreciate the risks of driving in patients with liver disease;
2. Have an understanding of how to evaluate patients with cirrhosis for driving safety and Canadian reporting regulations.

11h00-11h40

CASL Small Group: Wilson's Disease Case-based Learning

Speakers: Eve Roberts, University of Toronto

Oak

Learning Objectives:

At the end of this session participants will:

1. Understand the breadth of presentation of Wilson's disease and the appropriate investigations to help diagnose patients;
2. Appreciate the basis for treatment of patients with Wilson's disease including the range of therapeutic options;
3. Have a deeper awareness of the approaches taken to monitoring patients on treatment life-long to optimize good outcomes.

11h50-12h30

CAG Small Group: Capsule Endoscopy

Speakers: Steven Heitman, University of Calgary and Martha Dirks, Université de Montréal

Champlain

Learning Objectives:

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

1. Select and prepare patients appropriately for a quality capsule exam without complications;
2. Interpret capsule findings to support the diagnosis of Crohn's disease, vascular malformations, tumours, lymphangiectasia and other enteropathies.

- CAG co-developed this program with Shire Pharma Canada ULC to achieve scientific integrity, objectivity and balance -

SATURDAY, MARCH 4

SMALL GROUP SESSIONS

11h50-12h30

CAG Small Group: IBS and Breath Testing: Pros and cons

Frontenac

Learning Objectives:

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

1. Explain the potential role of carbohydrate malabsorption, including FODMAPs malabsorption, in symptoms of the Irritable Bowel Syndrome (IBS);
2. Understand the principles underlying breath testing for hydrogen and methane in patients with IBS symptoms;
3. Understand the limitations of breath testing for diagnosing potential carbohydrate malabsorption and small intestinal bacterial overgrowth in patients with IBS symptoms.

Speakers: David Armstrong*, McMaster University and
Stephen Vanner, Queen's University

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

11h50-12h30

CAG Small Group: Management of Intestinal Failure: A pediatric perspective

Rob Ritchie

Learning Objectives:

In the era of long term survivors of intestinal failure participants will:

1. Recognize the structure and contribution of multidisciplinary care for pediatric intestinal failure (IF);
2. Understand the management of long term complications of surgical strategies with a focus on anastomotic ulcers;
3. Discuss the follow up and management of metabolic bone disease in pediatric IF;
4. Identify indications for intestinal transplantation.

Speakers: Yaron Avitzur, University of Toronto and
Justine Turner, University of Alberta

Did you know...

The Fairmont Banff Springs Hotel opened on June 1, 1888 and is now
**a National Historic Site of
Canada?!**

SMALL GROUP SESSIONS

11h50-12h30

CAG Small Group: SEE®: Practical Tips

Room 2526

Learning Objectives:

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

1. How scope handling influences colonoscopy technique;
2. How to apply torque steering during colonoscopy;
3. How to integrate changes in handling and torque into one's colonoscopy technique.

Speakers: Lawrence Hookey, Queen's University and Donald MacIntosh, Dalhousie University

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

11h50-12h30

CAG Small Group: SEE®: Practical Tips

Room 2530

Learning Objectives:

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

1. How scope handling influences colonoscopy technique;
2. How to apply torque steering during colonoscopy;
3. How to integrate changes in handling and torque into one's colonoscopy technique.

Speakers: Mark Borgaonkar*, Memorial University and Alaa Rostom, University of Ottawa

- CAG co-developed this program with PENTAX Medical to achieve scientific integrity, objectivity and balance -

11h50-12h30

CAG Small Group: Therapeutic Drug Monitoring

New Brunswick

Learning Objectives:

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

1. Describe the evidence supporting therapeutic drug monitoring in IBD;
2. Recommend appropriate situations to perform therapeutic drug monitoring in IBD;
3. Identify limitations of therapeutic drug monitoring in IBD;
4. Manage IBD therapy based on results from therapeutic drug monitoring.

Speakers: Waqqas Afif, McGill University and Jennifer deBruyn, University of Calgary

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

SATURDAY, MARCH 4

SMALL GROUP SESSIONS

11h50-12h30

CAG Small Group: Ultrasound in IBD

David O'Brien

Learning Objectives:

At the end of this session participants will:

1. Understand the pros/cons of different imaging modalities available today for both diagnosis and monitoring of patients with inflammatory bowel disease;
2. Recognize 4 key sonographic components of active inflammatory bowel disease, 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;
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: Kerri Novak, University of Calgary and Cathy Lu, University of Alberta

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

11h50-12h30

CASL Small Group: A Case-based Approach to Managing Pain in Cirrhosis

Norquay

Learning Objectives:

At the end of this session participants will:

1. Understand the prevalence and types of pain present in patients with cirrhosis;
2. Understand the complexity of pain management and how it applies to the cirrhosis population;
3. Differentiate the variables important in selecting therapies to address pain issues in the cirrhotic patient, and explore drug dosing strategies.

Speaker: Puneeta Tandon, University of Alberta



Did you know...

The Fairmont Banff Springs Hotel is rich in history and has even **been known to be haunted?!**

SMALL GROUP SESSIONS

11h50-12h30

CASL Small Group: Advanced Stage Hepatocellular Carcinoma – What to Do

Speakers: Morris Sherman*, University of Toronto and Jeanne-Marie Giard, Université de Montréal

Ivor Petrak

Learning Objectives:

At the end of this session participants will:

1. Know more about new therapies for HCC and will be able to identify possible treatments for advanced HCC;
2. Be aware of the results of the randomized controlled studies that led to the use of sorafenib and regorafenib and how to use these agents;
3. Be aware of the side effects of these drugs.

11h50-12h30

CASL Small Group: NASH – What's on the Treatment Horizon

Speakers: Saumya Jayakumar, University of Calgary and Vladimir Marquez, University of British Columbia

- CAG co-developed this program with Shire Pharma Canada ULC to achieve scientific integrity, objectivity and balance -

Oak

Learning Objectives:

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

1. Understand the pathophysiologic mechanisms leading to the development of NASH;
2. Review the current treatments available and the evidence around these treatments;
3. Briefly summarize the treatments currently under study, and relate these back to the pathophysiologic mechanisms of NASH.

11h50-12h30

CDHF Small Group: Microbiome-based FMT Treatment in IBD: Is it ready for prime-time?

Speakers: Karen Madsen, University of Alberta and Dina Kao, University of Alberta

Please note this is an unaccredited session.

Angus

Learning Objectives:

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

1. Identify pathogenic risks associated with IBD;
2. Evaluate clinical treatment benefits and risks of FMT therapy;
3. Understand the potential role the human gut microbiome plays in the development and treatment of IBD.

* American College of Gastroenterology Fellow or Master

† Session includes oral presentations of key abstracts

SATURDAY, MARCH 4

12h30-13h30 Exhibits & Lunch

Van Horne B/C & Foyers

13h30-15h00

CAG Symposium: Portal Hypertension, Polypectomy and Prevention

Van Horne A

Learning Objectives:

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

1. Recommend age-appropriate management of esophageal varices from childhood through to young adulthood;
2. Select appropriate polypectomy technique based on the latest available literature;
3. Explain how biofilm can lead to persistence of antibiotic resistant organisms in flexible endoscopes despite high level disinfection and how this may contribute to infectious outbreaks.

Co-Chairs: Simon Ling, University of Toronto and Katherine Marchut, Université de Montréal

Portal Hypertension Management - What changes from childhood to adult care?

Simon Ling, University of Toronto

Polypectomy Techniques

Kevin Waschke, McGill University

Endoscope Disinfection

Michelle Alfa, University of Manitoba

13h30-15h00

CAG Workshop: Career Development

Theatre

Learning Objectives:

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

1. Recognize career options outside of academia;
2. Translate their research to media.

Co-Chairs: Jean-Eric Ghia, University of Manitoba and Martin Stahl, University of British Columbia

Career in Industry: A good option after a PhD

Kevin McHugh, AbbVie

From the Bench to the Great Unknown : A day in the life of a Scientific Editor

Sara Hamilton, Cell Reports

A Press Release for My Research: So what?

Jean-Eric Ghia, University of Manitoba

13h30-15h00

CASL Symposium: Hepatitis B Virus

Sir Edward Beatty/D.C. Coleman

Learning Objectives:

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

1. Identify early stopping rules for HBV treated with interferon and when nucleoside/tide analogues can be stopped;
2. Describe patients at risk for reactivation of Hepatitis B and how this can be prevented;
3. Recognize new targets for Hepatitis B therapies.

Co-Chairs: David Wong, University of Toronto and Kelly Burak, University of Calgary

When to Stop Therapy?

Geoffrey Dusheiko, University College, London

Reactivation in the Setting of Immunosuppression

Jordan Feld, University of Toronto

HBV – The Best Targets for Curative Therapy

Thomas Baumert, University of Strasbourg

15h00-15h30 Exhibits & Coffee Break Van Horne B/C & Foyers

15h30-17h00

CAG Symposium: Clinical Practice Guideline Highlights

Van Horne A

Learning Objectives:

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

1. Recognize the diagnostic utility and limitations of capsule endoscopy in patients with Crohn's disease, celiac disease, gastrointestinal bleeding, polyposis syndromes and colonic diseases;
2. Understand the medical management of inflammatory bowel during pregnancy including preconception counseling, diagnostic testing, and indications and safety of medical treatment strategies;
3. Describe the two main new CAG/CHSG recommended options for first line therapy of *H. pylori* infection and explain choices for subsequent therapy based on treatments that previously failed.

Co-Chairs: Grigorios Leontiadis, McMaster University and Reena Khanna, Western University

Capsule endoscopy guidelines

Lawrence Hookey, Queen's University

IBD in pregnancy guidelines

Geoffrey Nguyen, University of Toronto

***Helicobacter pylori* guidelines**

Carlo Fallone, McGill University

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

15h30-17h00

†CAG Symposium: Stroma/Epithelial Stem Cell Interaction in GI Diseases

Theatre

Learning Objectives:

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

1. Recognize the importance of stromal-epithelial communication in the development of GI diseases;
2. Describe how professional and non-professional stromal cells can influence intestinal stem cells;
3. Explain how dormant stem cells can influence GI homeostasis.

Co-Chairs: Nathalie Perreault, Université de Sherbrooke and Laura Sly, University of British Columbia

Helminths and the Education of Anti-Inflammatory Macrophages

Derek McKay, University of Calgary

Stromal-Epithelial Interactions with Cancer Stem Cells in Colorectal Adenocarcinoma

Catherine O'Brien, University of Toronto

Loss of Bmps signaling in Foxl1+ subepithelial myofibroblasts impairs specification and maturation of intestinal epithelial cells. (Abstract 12)

R. Servant, C. Ouellet, N. Perreault
Anatomie et Biologie Cellulaire, Université de Sherbrooke, Sherbrooke, Québec

Role of Dormant Stem Cells in Intestinal Homeostasis

David Breault, Harvard University

SATURDAY, MARCH 4

15h30-17h00

CASL Symposium: Hepatitis C Virus

Sir Edward Beatty/D.C. Coleman

Learning Objectives:

At the end of this session participants will be aware of:

- The clinical utility of HCV viral resistance testing;
- Treatment options for those patients who fail the current antiviral drugs;
- Treatment issues in patients with decompensated cirrhosis.

Co-Chairs: Jordan Feld, University of Toronto and Eric Yoshida*, University of British Columbia

Clinical Uses of HCV Resistance Testing

Jean-Michel Pawlotsky, Université of Paris-Est

DAA Failures – What to Do and How to Treat

Mark Swain, University of Calgary

Decompensated Patients – Treat Now or After Transplant?

Alnoor Ramji, University of British Columbia

17h00-17h30

McKenna Reception

Van Horne Foyer

This session is proudly sponsored by AbbVie.

17h30-18h30

R.D. McKenna Memorial Lecture

Van Horne A

Learning Objectives:

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

1. Recognize the many presentations of celiac disease and the overlap with other conditions;
2. Differentiate food allergic disorders from food intolerances;
3. Discuss tests used to diagnose/evaluate food allergies and food intolerances and their limitations;
4. Develop an approach to patients with celiac disease who remain symptomatic on a gluten-free diet.

The Growing Problem of Food Allergies and Intolerances

Sheila Crowe, University of California, San Diego*

- CAG co-developed this program with AbbVie to achieve scientific integrity, objectivity and balance -

Immediately preceding the McKenna Lecture, there will be a short presentation of the Canadian Association of Gastroenterology Fellows (CAGF) inducted for 2017. 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.

18h30-20h00

Poster Session 1

Alhambra

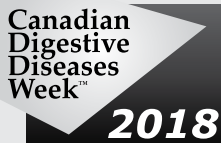
Join authors and colleagues in relaxed and informative discussions while enjoying beverages and light snacks. Please be sure to see the Posters of Distinction (A75, A80-A95, A160-A165) located throughout the poster area and identified with a ribbon.

This session is proudly sponsored by Allergan.



CDDW™ 2017
FAIRMONT BANFF SPRINGS HOTEL
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SAVE THE DATE



FEBRUARY 4-14
2018

FAIRMONT ROYAL YORK
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Upcoming CDDW™ Dates

CDDW™ 2019: Feb 24 - Mar 6, Banff

CDDW™ 2020: Feb 23 - Mar 4, Montreal

CDDW™ 2021: Feb 28 - Mar 10, Banff

SUNDAY, MARCH 5

08h00-09h00 CAG Breakfast with the Experts: IBD in Pregnancy

Oak

Learning Objectives:

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

1. Recognize that disease control at time of conception results in improved materno-fetal outcomes;
2. Identify the appropriate diagnostic tests to allow for accurate disease assessment in a pregnant woman with IBD;
3. Assess the safety of therapies during pregnancy and lactation.

Speakers: Cynthia Seow, University of Calgary and Geoffrey Nguyen, University of Toronto

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

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

08h00-09h00 CAG Breakfast with the Experts: Non-ulcerative Dyspepsia

Norquay

Learning Objectives:

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

1. Describe recently updated guidelines for the management of functional dyspepsia in adults;
2. Discuss considerations around the investigation and management of dyspepsia / upper abdominal pain in children and adolescents;
3. Establish the biopsychosocial model of medical practice.

Speakers: Peggy Marcon, University of Toronto and Christopher Andrews, University of Calgary

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

08h00-09h00 CASL Breakfast with the Experts: Home Nutrition Guide for Cirrhosis Patients

Ivor Petrak

Learning Objectives:

At the end of this session participants will:

1. Evaluate the nutritional status of their cirrhotic patients;
2. Recognize the pronostic implications of malnutrition in cirrhotic patients;
3. Have management strategies they can share with their patients.

Speakers: Puneeta Tandon, University of Alberta and Geneviève Huard, Université de Montréal

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

- CAG co-developed this program with Lupin Pharma Canada Ltd. to achieve scientific integrity, objectivity and balance -

08h30-10h30

†Gut Barrier Defenses

Theatre

Learning Objectives:

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

1. Understand the dynamics of intestinal mucus protection balancing renewal with clearance, and the function of different goblet cells;
2. Decipher how the host immune system regulates the intestinal microbiome to prevent intestinal inflammation;
3. Understand the emerging roles of enterochromaffin cells and their major product, serotonin (5-HT) in modulating innate mucosal defense and inflammation.

Co-Chairs: Kris Chadee, University of Calgary and
Waliul Khan, McMaster University

Layers of Mucus Defense in the Gut

Malin Johansson, University of Gothenburg

Host-Multibiome Interactions in Intestinal Inflammation

Lisa Osborne, University of British Columbia

Enterochromaffin Cells and 5-HT in Innate Mucosal Defense and Inflammation

Waliul Khan, McMaster University

Proteolytic bacteria promote innate immune activation and gluten-induced pathology in mice (Abstract 13)

H. J. Galipeau¹, A. Caminero Fernandez¹, J. McCarville¹, S. Bernier¹, J. A. Murray², J. Casqueiro Blanco³, M. Surette¹, E. Verdu¹

¹Family Digestive Health Research Institute, McMaster University, Hamilton, Ontario; ²Gastroenterology, The Mayo Clinic, Rochester, Minnesota; ³Universidad de León, León

Inflammasome activation coordinates intestinal mucosal defense against the enteric bacterial pathogen *Salmonella enterica* serovar Typhimurium (Abstract 14)

S. M. Crowley¹, F. A. Graef¹, J. M. Allaire¹, L. A. Knodler², B. Vallance¹

¹BC Children's Hospital Research Institute, Vancouver, British Columbia; ²Paul G. Allen School for Global Animal Health, Pullman, Washington

09h00-10h30

CAG Symposium: Diet, Obesity and the Microbiome

Van Horne A

Learning Objectives:

At the end of this session participants will understand:

1. The role of gut microbiota host metabolic interactions in driving obesity and metabolic disorders;
2. The interplay between the gut microbiome and the endocannabinoid system may alter energy homeostasis and metabolism;
3. The clinical evidence of the role of the microbiome in obesity.

Co-Chairs: Paul Moayyedi*, McMaster University and
Karen Madsen, University of Alberta

Metabolic Communication in Development and Control of Obesity

Elaine Holmes, Imperial College London

Getting into the Weed: The endocannabinoid system of the gut-brain axis in energy homeostasis

Keith Sharkey, University of Calgary

Obesity and the Microbiome: Fat on promises, thin on clinical data

Paul Moayyedi*, McMaster University

* American College of Gastroenterology Fellow or Master

† Session includes oral presentations of key abstracts

SUNDAY, MARCH 5

09h00-10h30

†CASL Paper Session 2

Co-Chairs: Keyur Patel, University of Toronto and Xin Xiong, McGill University

Sir Edward Beatty/D.C. Coleman

Learning Objectives:

At the end of this session participants will be able to evaluate innovative liver research changing the management of patients living with chronic liver disease and explore opportunities to integrate the research into clinical care.

CASL Student Prize

Intrahepatic IL-22 correlates with advanced liver fibrosis and sensitizes HSC to TGF- β signaling in a p38-dependent manner (Abstract 28)

T. Fabre, M. Flores, G. Soucy, J. Villeneuve, B. Willems, M. Bilodeau, N. Shoukry
CRCHUM, Montréal, Québec

CASL Student Prize

The molecular interplay between circulating miR-24, miR-223, and PCSK9 in hepatitis C-infected patients who achieve a treatment-based viral cure (Abstract 29)

A. Hyrina¹, A. Olmstead², P. Steven³, M. Kraiden¹, E. Tam¹, F. Jean¹

¹University of British Columbia, Vancouver, British Columbia; ²BC Centre for Excellence in HIV/AIDS, Vancouver, British Columbia; ³QIAGEN, Manchester

CASL Student Prize

First year outcomes from a provincially funded non-fibrosis restricted hepatitis C treatment program in Prince Edward Island (Abstract 30)

J. W. Francheville², R. Rankin¹, J. N. Beck¹, C. Hoare¹, R. Khan¹, S. Materniak³, G. German¹, L. Barrett², N. Bunimov Wall³, D. Smyth²

¹Health PEI, Charlottetown, Prince Edward Island;

²Dalhousie University, Halifax, Nova Scotia; ³Horizon Health Network, Moncton, New Brunswick

Reprogramming of exhausted T cells following cure of chronic viral infection (Abstract 31)

M. S. Abdel-Hakeem¹, P. Tonnerre², O. Khan¹, E. Stelekati¹, M. Ali¹, G. M. Lauer², E. Wherry¹

¹Penn Institute for Immunology, University of Pennsylvania, Philadelphia, Pennsylvania;

²Massachusetts General Hospital, Harvard University, Boston, Massachusetts

Population-based estimate of hepatitis C virus prevalence in Ontario, Canada (Abstract 32)

S. Bolotin¹, J. Feld², G. Garber¹, W. W. Wong³, F. Guerra¹, T. Mazzulli¹

¹Public Health Ontario, Toronto, Ontario; ²University Health Network, University of Toronto, Toronto, Ontario;

³University of Waterloo, Kitchener, Ontario

Novel E2 glycoprotein tetramer detects HCV-specific memory B cells (Abstract 33)

M. Boisvert¹, W. Zhang², E. Elrod², N. Bernard³, J. Villeneuve¹, J. Bruneau¹, J. Marcotrigiano⁴, N. Shoukry¹, A. Grakoui²

¹Centre de recherche du CHUM, Montréal, Québec;

²Emory University School of Medicine Yerkes National Primate Research Center, Emory Vaccine Center,

Atlanta, Georgia; ³McGill University, Montréal, Québec;

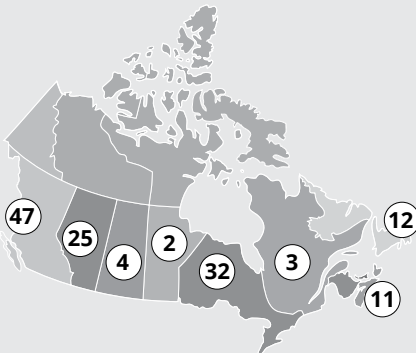
⁴Rutgers University, Piscataway, New Jersey

10h30-11h00

Exhibits & Coffee Break

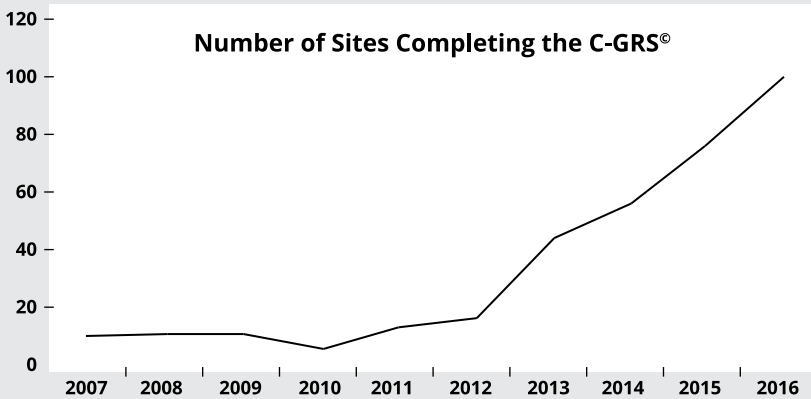
Van Horne B/C & Foyers

CAG Quality Program - Endoscopy (QP-E)



Over 135 endoscopy units across Canada have registered to take part in CAG's Canada-Global Rating Scale® (C-GRS®) survey to improve endoscopy services.

Participation has increased rapidly since 2012 related to adoption of the C-GRS® by cancer screening programs or provincial healthcare systems



Learn more at Booth #1046

Canadian Association
of Gastroenterology



L'Association Canadienne
de Gastroentérologie

SUNDAY, MARCH 5

SMALL GROUP SESSIONS

Small group sessions (limit of up to 35 attendees) are 40-minute interactive, case-based discussions.
Pre-registration required.

11h00-11h40

Speaker: Stephen Girardin, University of Toronto

CAG Small Group: CRISPR-Cas9 Technology Applied to GI Models

Angus

Learning Objectives:

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

1. Identify common difficulties and challenges associated with the creation of engineered intestinal cell lines and primary cultures using the CRISPR/Cas9 technology;
2. Apply methods that will allow for the creation and long-term maintenance of engineered intestinal cell populations using the CRISPR/Cas9 technology;
3. Integrate the use of the CRISPR/Cas9 technology into future projects relating to understanding intestinal physiology and function in health and disease.

11h00-11h40

Speakers: Hien Huynh, University of Alberta and Mary Sherlock, McMaster University

CAG Small Group: Eosinophilic Esophagitis in the Pediatric Patient

Rob Ritchie

Learning Objectives:

At the end of this session participants will:

1. Be able to provide the diagnostic criteria for eosinophilic esophagitis and will learn about the differential diagnosis for esophageal eosinophilia;
2. Have an understanding of different approaches to therapy including dietary and medical management;
3. Understand the challenges associated with outcome assessment and long term management patients with eosinophilic esophagitis.

Did you know...

The mountains in Banff National Park are **45 to 120 million years old?!**

SMALL GROUP SESSIONS

11h00-11h40

CAG Small Group: Management of Difficult Constipation

David O'Brien

Learning Objectives:

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

1. Identify the different etiologies of constipation between children and adults;
2. Apply the evidence for current therapies to manage constipation in children and adults.

Speakers: Louis Liu, University of Toronto and Elyanne Ratcliffe, McMaster University

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

11h00-11h40

CAG Small Group: SEE®: Practical Tips

Room 2526

Learning Objectives:

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

1. How scope handling influences colonoscopy technique;
2. How to apply torque steering during colonoscopy;
3. How to integrate changes in handling and torque into one's colonoscopy technique.

Speakers: Frances Tse, McMaster University and Alaa Rostom, University of Ottawa

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

11h00-11h40

CAG Small Group: Small Bowel Enteroscopy

New Brunswick

Learning Objectives:

At the end of this session, participants should be able to:

1. Assess and select appropriate patients for small bowel enteroscopy and capsule endoscopy;
2. Recognize the indications and limitations of small bowel enteroscopy;
3. Integrate small bowel enteroscopy with other small bowel imaging modalities.

Speakers: Robert Enns, University of British Columbia and Constantine Soulellis, McGill University

SUNDAY, MARCH 5

SMALL GROUP SESSIONS

11h00-11h40

CAG Small Group: Teaching and Evaluating Communication Skills: How to prepare trainees for clinical, academic, and professional careers

Speakers: Melanie Stapleton, University of Calgary and
Avi Chatterjee, University of Ottawa

Frontenac

Learning Objectives:

By the end of the session participants will be able to:

1. Describe the skills (both verbal and written) that are characteristic of mastery of the Communicator role;
2. Utilize multiple formats and methods for teaching communication skills for clinical, academic, and professional activities;
3. Describe the utility and limitations of different methods of evaluation of the Communicator role.

11h00-11h40

CAG Small Group: When Do I Need an EUS for Pancreatic Cysts?

Speakers: Clarence Wong, University of Alberta and
Carla Nash, University of Calgary

- CAG co-developed this program with PENTAX Medical
to achieve scientific integrity, objectivity and balance -

Champlain

Learning Objectives:

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

1. Identify which patients might benefit from EUS/ fine-needle aspiration of an incidentally discovered pancreas cyst;
2. Explain the EUS features and fine-needle aspiration results expected for various benign and pre-malignant pancreas cysts;
3. Integrate the various guidelines to select a treatment and/or surveillance strategy for patients with asymptomatic pancreas cysts.

Did you know...

Banff National Park is
Canada's first national park?
What a great time to grab your

**FREE 2017 Parks Canada
Discovery Pass!**

SMALL GROUP SESSIONS

11h00-11h40

CASL Small Group: Non-Invasive Imaging – The Future

Speakers: Keyur Patel, University of Toronto and Vladimir Marquez, University of British Columbia

Norquay

Learning Objectives:

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

1. Describe differences between currently available non-invasive imaging modalities;
2. Understand limitations of current imaging assessment for fibrosis;
3. Determine the clinical utility of non-invasive imaging for chronic liver disease.

11h00-11h40

CASL Small Group: Teaching Trainees/ Others about Viral Hepatitis

Speakers: Winnie Wong, University of Alberta and Hin Ko, University of British Columbia

Ivor Petrak

Learning Objectives:

At the end of this session participants will:

1. Be aware of basic education principles and theories, which can enhance learning and knowledge retention;
2. Be more effective teachers on the topic of viral hepatitis (HBV and HCV) using these educational principles.

11h00-11h40

CASL Small Group: How to Write Really Good Guidelines

Speakers: Jean-Michel Pawlotsky, Université de Paris-Est and Brian Bressler, University of British Columbia

Oak

Learning Objectives:

At the end of this session participants will understand:

1. The role guidelines have in disease management;
2. The value of the GRADE criteria;
3. What is needed to produce valuable guidelines.

SUNDAY, MARCH 5

SMALL GROUP SESSIONS

11h50-12h30

CAG Small Group: Fecal Transplant

Speakers: Nikhil Pai, McMaster University and Karen Wong, University of Alberta

Champlain

Learning Objectives:

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

1. Describe indications for fecal microbial transplantation (FMT) in *Clostridium difficile* infection in adult and pediatric patients;
2. Compare advantages and disadvantages of different FMT delivery modalities;
3. Discuss short term and long term safety profile of FMT.

11h50-12h30

CAG Small Group: Managing Patients with Mild-Moderate Ulcerative Colitis

Speakers: Brian Bressler, University of British Columbia and Niels Vande Casteele, University of California, San Diego

New Brunswick

Learning Objectives:

At the end of this session participants will understand:

1. How newer medical treatments can be used in managing mild to moderate UC;
2. What is the appropriate treatment goal in managing mild to moderate UC.

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

11h50-12h30

CAG Small Group: Nutritional Issues in Pediatric Gastroenterology

Speaker: Marialena Mouzaki, University of Toronto and Robert Bandsma, University of Toronto

Rob Ritchie

Learning Objectives:

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

1. Demonstrate the impact of intestinal microbiota on the development of malnutrition;
2. Explain the interplay between micronutrients and intestinal microbiota;
3. Identify treatment targets aimed at ameliorating the dysbiosis seen in the context of malnutrition.

SMALL GROUP SESSIONS

11h50-12h30

CAG Small Group: Recurrent Pancreatitis

Speakers: Paul James, University of Ottawa and Tanja Gonska, University of Toronto

Frontenac

Learning Objectives:

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

1. Recognize acute recurrent pancreatitis using available diagnostic tools effectively;
2. Distinguish between different etiologies of acute recurrent pancreatitis in children and adults;
3. Describe current available therapeutic strategies for patients with acute recurrent pancreatitis.

11h50-12h30

CAG Small Group: SEE®: Practical Tips

Speakers: Eric Greenwald, McMaster University and Charles Ménard, Université de Sherbrooke

Room 2526

Learning Objectives:

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

1. How scope handling influences colonoscopy technique;
2. How to apply torque steering during colonoscopy;
3. How to integrate changes in handling and torque into one's colonoscopy technique.

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

11h50-12h30

CAG Small Group: SEE®: Practical Tips

Speakers: Richard Sultanian, University of Alberta and Dana Farina, Dalhousie University

Room 2530

Learning Objectives:

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

1. How scope handling influences colonoscopy technique;
2. How to apply torque steering during colonoscopy;
3. How to integrate changes in handling and torque into one's colonoscopy technique.

- CAG co-developed this program with PENTAX Medical to achieve scientific integrity, objectivity and balance -

SUNDAY, MARCH 5

SMALL GROUP SESSIONS

11h50-12h30

CAG Small Group: Update in Upper GI Motility

Angus

Learning Objectives:

At the end of this session, participants will:

1. Be familiar with the clinical approach and differential diagnosis of dysphagia in children and adults;
2. Understand the various diagnostic tools available for the diagnosis of achalasia in children and adults;
3. Be able to compare the various management approaches to achalasia including treatment failures.

Speakers: Dan Sadowski, University of Alberta and Elyanne Ratcliffe, McMaster University

- CAG co-developed this program with Medtronic Canada to achieve scientific integrity, objectivity and balance -

11h50-12h30

CAG Small Group: Work-life Balance Issues

David O'Brien

Learning Objectives:

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

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;
4. Describe resources/strategies available to decrease burnout and improve balance and resilience.

Speakers: Lana Bistriz, University of Alberta and Sylviane Forget, McGill University

11h50-12h30

CASL Small Group: HCC Small Lesions – Treat or Transplant?

Oak

Learning Objectives:

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

1. Describe the liver transplantation listing criteria for hepatocellular cancer (HCC) in Canada;
2. Define bridging therapy for HCC patients awaiting liver transplantation;
3. Describe the appropriate selection of HCC patients for alternative curative therapies (surgery and ablation).

Speakers: Les Lilly, University of Toronto and Kelly Burak, University of Calgary

SMALL GROUP SESSIONS

11h50-12h30

CASL Small Group: Hepatorenal Syndrome – Diagnostic challenges, and then what to do

Speakers: Cynthia Tsien, University of Toronto and
Dean Karvellas, University of Alberta

Ivor Petrak

Learning Objectives:

At the end of this session participants will:

1. Have an approach to the diagnosis of acute kidney injury in patients with cirrhosis, including hepatorenal syndrome;
2. Be familiar with the evidence for existing management strategies and identify potential new therapies for hepatorenal syndrome.

11h50-12h30

CASL Small Group: Portal Hypertension in Children - Why they are different than adults?

Speakers: Simon Ling, University of Toronto and
Carolina Jimenez, University of Ottawa

Norquay

Learning Objectives:

At the end of this session participants will:

1. Understand the pathophysiology of portal hypertension in children;
2. Differentiate treatment options and side effects of interventions.

CDDW™ Gala Event: Medieval in the Mountains

Sunday March 5 | 20h00

Hear Ye! Hear Ye! We request the honour of your presence for an evening of feasting and festivities at the Fairmont Banff Springs as we go back to Medieval Times! Break bread and rejoice with comrades until the casks are empty. Tickets include: dinner, refreshments and entertainment.

Dress code: Cocktail attire is welcomed but not required.

Tickets: \$100.00 CAD, plus tax.

Get your tickets at the CDDW™ Registration Desk

* American College of Gastroenterology Fellow or Master

† Session includes oral presentations of key abstracts

SUNDAY, MARCH 5

12h30-13h30 Exhibits & Lunch

Van Horne B/C & Foyers

13h30-15h00

CAG Research Award Lectures

Theatre

CAG Young Investigator Award Lecture

Using Big Data to Uncover the Epidemiology and Etiology of Inflammatory Bowel Disease: Lessons from Canadian Health Administrative Data
Eric Benchimol, University of Ottawa

CAG Research Excellence Award Lecture

Implications of Autophagy in Crohn's Disease Pathogenesis
Dana Philpott, University of Toronto

13h30-15h00

CAG Symposium: Colon Cancer Screening

Van Horne A

Learning Objectives:

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

1. Decide how best to screen a patient with a family of adenomatous polyps;
2. Understand the rationale for population-based average risk CRC screening with FIT rather than colonoscopy;
3. Describe why and how the quality of a screening colonoscopy may be assessed.

Co-Chairs: Linda Rabeneck*, Cancer Care Ontario and Don MacIntosh, Dalhousie University

How to Screen a Patient with a Family History of Adenoma(s)
David Lieberman, Oregon Health and Science University*

Introduction of FIT Screening: The Calgary Experience
Robert Hilsden, University of Calgary

Assessing Colonoscopy Performance in BC Using DOPS
Jennifer Telford, University of British Columbia*

Panel Discussion

13h30-15h00

CLF Sass-Kortsak Lecture/CASL Pediatric Symposium

Sir Edward Beatty/D.C. Coleman

Learning Objectives:

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

1. Understand the selection and evaluation of patients with metabolic liver disease for liver transplantation and special considerations for perioperative care;
2. Explore the role of hepatocyte transplantation in the current era.

Co-Chairs: Simon Ling, University of Toronto and Carolina Jimenez, University of Ottawa

CLF Sass-Kortsak Lecture: Genetic-Metabolic Liver Disease in Infants
Eve Roberts, University of Toronto

Metabolic Liver Disease in Children: Who can benefit from liver transplantation?
Simon Horslen, University of Washington

Hepatocyte Transplantation for Metabolic Liver Disease: Temporary bridge or alternative to liver transplantation
Aneal Khan, University of Calgary



CDDW™ 2017
FAIRMONT BANFF SPRINGS HOTEL
BANFF ALBERTA
MAR 3 - 6

15h00-15h30 Exhibits & Coffee Break

Van Horne B/C & Foyers

15h30-17h00

CAG Symposium: 2016 Papers That Influenced Your Practice

Van Horne A

Learning Objectives:

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

1. Identify the differences between an originator monoclonal antibody and a biosimilar, and recognize the potential implications of switching from an originator product to a biosimilar;
2. Set goals for HCV treatment, discuss potential treatment strategies for untreatable liver diseases and be aware of yet another immune modifier that can lead to HBV reactivation;
3. Have a discourse of the components of the intestinal microbiome that could be active in the pathogenesis of inflammatory bowel disease.

Co-Chairs: Jill Tinmouth, University of Toronto and Eric Benchimol, University of Ottawa

Chingcuanco F et al. Bioequivalence of Biosimilar Tumor Necrosis Factor- α Inhibitors Compared With Their Reference Biologics: A Systematic Review. *Ann Intern Med.* 2016 Oct 18;165(8):565-74.

Jørgensen K et al. LB15 - Biosimilar infliximab (CT-P13) is not inferior to originator infliximab: results from the 52-week randomized NOR-SWITCH trial. Abstract presented at the United European Gastroenterology Week meeting 2016. *Cynthia Seow, University of Calgary*

Waziry R et al. Trends in hepatocellular carcinoma among people with HBV or HCV notification in Australia (2000-2014). *J Hepatol.* 2016 Dec;65(6):1086-93.

Tsukune Y et al. Incidence and clinical background of hepatitis B virus reactivation in multiple myeloma in novel agents' era. *Ann Hematol.* 2016 Sep;95(9):1465-72. *David Wong, University of Toronto*

Sartor RB, Wu GD. Roles for Intestinal Bacteria, Viruses, and Fungi in Pathogenesis of Inflammatory Bowel Diseases and Therapeutic Approaches. *Gastroenterology* (2016), doi: 10.1053/j.gastro.2016.10.012. *David Mack, University of Ottawa*



Become a member today!

The Canadian Association of Gastroenterology (CAG) is the only national professional association for Canada's gastroenterology community – physicians, basic scientists, and affiliated health care providers who work in the field of gastroenterology. The CAG provides professional gastroenterological education and funding opportunities for gastrointestinal health and disease research. It also advocates on behalf of its members and for the health of Canadians.

The CAG's 1,100 members enjoy a number of exclusive benefits.

Learn more at Booth #1046

SUNDAY, MARCH 5

15h30-17h00

†CAG Symposium: From Basic Research to Clinical Trials: How to conduct a good study

Theatre

Learning Objectives:

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

1. Gene mutations that might be appropriate for drug development in IBD;
2. Immune defects that would be appropriate for drug development in IBD;
3. Microbes in the gut microbiome that would be appropriate to target for drug treatment in IBD.

Co-Chairs: Charles Bernstein*, University of Manitoba and Alain Stintzi, University of Ottawa

Choosing Microbial Targets for Clinical Trials in IBD
Alain Stintzi, University of Ottawa

Choosing Immune Targets for Clinical Trials in IBD
Dana Philpott, University of Toronto

A prospective, non-inferiority, multi-center, randomized trial comparing colonoscopy vs. oral capsule delivered fecal microbiota transplantation (FMT) for recurrent *Clostridium difficile* infection (RCDI) (Abstract 15)

*D. H. Kao*², *B. Roach*², *M. Silva*¹, *P. Beck*¹, *K. P. Rioux*¹, *K. Madsen*², *K. Goodman*², *H. Xu*³, *H. Chang*², *T. Louie*¹

¹University of Calgary, Calgary, Alberta; ²University of Alberta, Edmonton, Alberta; ³Indiana University, Indianapolis, Indiana

Choosing Genetic Targets for Clinical Trials in IBD
Mark Silverberg, University of Toronto

Panel Discussion including Dr. Brian Feagan, Western University

15h30-17h00

CASL Symposium: Policy 101 for the Gastroenterologist/Hepatologist

Sir Edward Beatty/D.C. Coleman

Learning Objectives:

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

1. Describe the overall economic burden of cirrhosis and drivers of cost and have an understanding of the impact of preventive and therapeutic strategies, liver transplantation, and overall societal impact on direct and indirect costs in patients with advanced liver disease;
2. Increase physician and public awareness of Choosing Wisely and the CASL recommendations and build physician knowledge and skills in the area of responsible management of resources;
3. Create community collaborations and foster attitudinal and cultural change;
4. Understand how the news media covers medical research, and which research stories they can trust.

Co-Chairs: Hemant Shah, University of Toronto and Erin Kelly, University of Ottawa

What Healthcare Workers Should Know about How the Media Reports Research
Tom Blackwell, National Post

Choosing Wisely Canada for Hepatology
Mayur Brahmania, University of Toronto

Assessing the Costs of Liver Disease
Erin Kelly, University of Ottawa



CDDW™ 2017
FAIRMONT BANFF SPRINGS HOTEL
BANFF ALBERTA
MAR 3 - 6

17h00-18h00
Awards Ceremony

Van Horne A

We invite you to join us at the annual Awards Ceremony to congratulate and celebrate with many awardees as awards from the Associations are formally presented.

18h00-19h30
Poster Session 2

Alhambra

Join authors and colleagues in relaxed and informative discussions while enjoying beverages and light snacks. Please be sure to see the Posters of Distinction (A191-A193, A208, A235, A241, A263, A287, A288, A300, A301, A323) located throughout the poster area and identified with a ribbon.

This session is proudly sponsored by Gilead Sciences Canada Inc.

20h00-23h30
Medieval in the Mountains Gala

Riverview Foyer/Alberta/New Brunswick

Hear Ye! Hear Ye! We request the honour of your presence for an evening of feasting and festivities at the Fairmont Banff Springs as we go back to Medieval Times! Break bread and rejoice with comrades until the casks are empty.

Tickets include: dinner, refreshments and entertainment. Dress code: Cocktail attire is welcomed but not required.

Tickets: \$100.00 CAD, plus tax.



The Royal College of Physicians and Surgeons of Canada (RCPSC) requires the CAG to capture a record of attendance at accredited educational programs.

We are therefore scanning your badge at entry to all sessions.

This information will not be used or shared for any other purpose than to inform the RCPSC.

MONDAY, MARCH 6

08h00-10h15

CAG Symposium: IBD - Managing Biologics

Baron Shaughnessy

Learning Objectives:

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

1. Address pharmacokinetic, immunogenicity, efficacy and safety considerations related to the use of biosimilars in IBD;
2. Compare different strategies to optimize the use of biologic therapy (therapeutic drug monitoring, premedication, combination therapy);
3. Identify and manage vulnerable patient populations at increased risk of treatment-emergent adverse events.

Co-Chairs: Anthony Otley, Dalhousie University and Sophie Plamondon, Université de Sherbrooke

Optimize Efficacy

Waqas Afif, McGill University

Optimize Safety

Jennifer Jones, Dalhousie University

Biosimilars – How do we make sure that we use them properly?

Niels Vande Castele, University of California, San Diego

Small Group Discussion: 9:30am until 10:15am

For this second segment faculty and delegates will divide into two groups/rooms (Baron Shaughnessy and Sir Edward Beatty) for 45-minute, highly-interactive small group sessions/discussion related to the three presentations from the preceding symposium.

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

08h45-10h15

CASL Symposium: Primary Biliary Cholangitis/Primary Sclerosing Cholangitis

D.C. Coleman

Learning Objectives:

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

1. Identify opportunities to utilize emerging treatments in the management of PBC and PSC;
2. Understand the impact of IBD biologics in PSC and understanding their emerging therapies;
3. Describe the characteristics of non-responders to ursodeoxycholic acid and understand the alternative targets for therapy.

Co-Chairs: Aliya Gulamhusein, University of Toronto and Aldo Montano-Loza, University of Alberta

Biologics for PSC?

Bertus Eksteen, University of Calgary

Urso Non-Responders, What to Do? New Therapies

Christopher Bowlus, UC Davis Medical Group, Sacramento, California

Predicting Mortality for Patients with PBC or PSC – Biomarkers and Beyond

Andrew Mason, University of Alberta

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



10h15-10h45 **Coffee Break** *President's Foyer*

10h45-12h15

CAG Symposium: Rapid Fire Journal Review

Baron Shaughnessy

Learning Objectives:

At the end of this session participants will be:

1. Familiar with many of the highest impact articles in clinical gastroenterology in 2016;
2. Able to decide whether selected publications answer their clinical needs;
3. Able to see if they agree with their peers.

Faculty: Philip Sherman, University of Toronto and
Laura Targownik, University of Manitoba

Use a clicker to vote on multiple-choice questions and test your knowledge of the key papers and findings from 2016!

Claim either 1.5 Section One credits or 6 Section Three credits. This activity is an Accredited Self-Assessment Program (Section 3) as defined by the Maintenance of Certification Program of The Royal College, and approved by the CAG.

In Memoriam

A moment of silence will be held at the CAG Annual General Meeting to recognize the members who have passed during the twelve months leading up to CDDW™.
To advise the CAG of any members passing, please contact the National Office by emailing general@cag-acg.org.



J. Richard Hamilton

March 8, 1934-April 19, 2016
Montréal, QC



Jan Irvine

July 27, 1953-July 21, 2016
Toronto, ON

2017 SUMMARY OF ROYAL COLLEGE OF PHYSICIANS AND SURGEONS OF CANADA ACCREDITED SECTION 1 CREDITS

Friday, March 3	Credits	Session Title
08h00-09h30	1.5	Hands-on Skills and Techniques
08h00-09h30	1.5	Postgraduate Course: The Decompensated Patient
08h00-09h30	1.5	GI Pharmacology and Drug Development: From Hurdles to Development and Reality
10h00-11h30	1.5	Postgraduate Course: Updates on Common Liver Diseases
10h00-11h30	1.5	CAG/CCC Student Prize Paper Presentations
10h00-11h30	1.5	CAG Selected Clinical Presentations
12h30-14h30	2	Postgraduate Course: Case-Based Problems
12h30-14h30	2	Roles of Nutrition and Microbiota in Gastrointestinal Diseases
15h00-16h30	1.5	Postgraduate Course: Managing Refractory Abdominal Symptoms in IBD

Saturday, March 4	Credits	Session Title
08h00-09h00	1	Breakfast with the Experts: Electrosurgery and You
08h00-09h00	1	Breakfast with the Experts: Perianal and Fistulizing IBD
08h00-09h00	1	Breakfast with the Experts: Challenging Autoimmune Hepatitis Cases
08h00-10h00	2	Mechanisms Responsible for Post-infectious Gut Inflammatory Disorders
08h30-10h00	1.5	CASL Paper Session 1
09h00-10h00	1	Gastroenterology 2021: An Eye To The Future
10h00-10h30	0.5	CLF-CASL Gold Medal Lecture
11h00-11h40	0.75	Small Group Sessions (11 sessions)
11h50-12h30	0.75	Small Group Sessions (12 sessions) Note: One session is unaccredited.
13h30-15h00	1.5	Portal Hypertension, Polypectomy and Prevention
13h30-15h00	1.5	Hepatitis B Virus
13h30-15h00	1.5	Workshop: Career Development
15h30-17h00	1.5	Clinical Practice Guideline Highlights
15h30-17h00	1.5	Stroma/Epithelial Stem Cell Interaction in Gastrointestinal Diseases
15h30-17h00	1.5	Hepatitis C Virus
17h30-18h30	1	R.D. McKenna Memorial Lecture

Sunday, March 5	Credits	Session Title
08h00-09h00	1	Breakfast with the Experts: IBD in Pregnancy
08h00-09h00	1	Breakfast with the Experts: Non-ulcerative Dyspepsia
08h00-09h00	1	Breakfast with the Experts: Home Nutrition Guide for Cirrhosis Patients
08h30-10h30	2	Gut Barrier Defenses
09h00-10h30	1.5	Diet, Obesity and the Microbiome
09h00-10h30	1.5	CASL Paper Session 2
11h00-11h40	0.75	Small Group Sessions (12 sessions)
11h50-12h30	0.75	Small Group Sessions (12 sessions)
13h30-15h00	1.5	Colon Cancer Screening
13h30-15h00	1.5	CAG Research Award Lectures
13h30-15h00	1.5	CLF Sass-Kortsak Lecture/CASL Pediatric Symposium
15h30-17h00	1.5	2016 Papers That Influenced Your Practice
15h30-17h00	1.5	From Basic Research to Clinical Trials: How to Conduct a Good Study
15h30-17h00	1.5	Policy 101 for the Gastroenterologist/Hepatologist

Monday, March 6	Credits	Session Title
08h00-10h15	2.25	IBD - Managing Biologics (including 45 minute Small Group Discussion)
08h45-10h15	1.5	Primary Biliary Cholangitis/Primary Sclerosing Cholangitis
10h45-12h15	1.5	Rapid Fire Journal Review

This educational program offers a total of 90 hours of Section 1 accredited learning; delegates have access to a maximum of 25.25 credits. Please visit <http://www.cag-acg.org/> to evaluate the conference and print your certificate.

2017 CAG RESEARCH PROGRAM

In Collaboration with the CIHR and our Valued Research Partners



Crohn's and Colitis
Foundation of Canada
Fondation canadienne des
maladies inflammatoires
de l'intestin

CCC-CIHR-CAG New Investigator Award (1)
(award is for five years)



Institute of Nutrition,
Metabolism and Diabetes
Institut de la nutrition,
du métabolisme et du diabète



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CCC-CIHR-CAG IBD Fellowships (3)
(awards are for two years)



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CAG-CIHR Fellowships (2)
(awards are for two years)



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du métabolisme et du diabète



Pfizer-CIHR-CAG Fellowship (1)
(award is for two years)



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Shire-CAG Research Resident Awards (2)



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Allergan-CAG Research Resident Award (1)



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de Gastroentérologie



**Ontario Association of Gastroenterology-CAG
Research Resident Award (1)**



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CAG PhD Scholarships (2)



CAG Summer Studentships (12)



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CCC Summer Studentships (6)



**CDHF-CAG Ivan Beck
Memorial Summer Studentship (1)**



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