



MAY 2-4, 2024

GARROD SYMPOSIUM

The Future of Metabolic Medicine: Emerging and Disruptive Practices in the Laboratory and Clinic



Thank You For Attending This In-Person CPD Conference

TARGET AUDIENCE

Physicians, Laboratorians,
Researchers, Registered Nurses,
Genetic Counsellors, Registered
Dietitians, Clinical Specialists,
Laboratory Technicians and Trainees.



HEALTH SCIENCES
Continuing Professional
Development

WIFI INFORMATION

Username: Deltaconference
Password: Delta2024

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GARROD SYMPOSIUM

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AGENDA

*Agenda is subject to change

THURSDAY, MAY 2, 2024

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11:00–1:00

Registration

(International Ballroom Foyer)

12:00

Lunch

(International Ballroom Foyer, A & B)

12:20–12:25

Welcome to Symposium

Chair: Kristin Kernohan;

Co-Chairs: Danielle Bourque & Nathalie Lepage

(International Ballroom C)

12:30–1:15

Lightening Talks

1:15–1:30

Morning Break

(International Ballroom Foyer, A & B)

Session 1: Emerging Treatments

Moderator: Aziz Mhanni

(International Ballroom C)

1:30–2:10

Lessons Learned from Clinical Trials in a Non-Academic Setting

Aneal Khan

30-minute talk & 10 minutes Q & A

2:10–2:50

From Laboratory Findings Through to Clinical Trials

Hanns Lochmüller

30-minute talk & 10 minutes Q & A

2:50–3:30

Experiences at Center for Rare Disease Therapy

Jerry Vockley

30-minute talk & 10 minutes Q & A

3:30–4:00

Afternoon Break & Visit Posterboards

(International Ballroom Foyer, A & B)

Session 2: Recent Developments in Newborn Screening

Moderator: Melanie Lacaria

(International Ballroom C)

4:00–4:40

Newborn Screening for X-adrenoleukodystrophy in New York State – 9 Years of Experience

Joseph Orsini

30-minute talk & 10 minutes Q & A

4:40–5:20

GAMT screening in British Columbia

Graham Sinclair

30-minute talk & 10 minutes Q & A

5:20–6:00

Laboratory Experience with Newborn Screening for Four Lysosomal Diseases in Oregon

Patrice Held & Sarah Viall

30-minute talk & 10 minutes Q & A

6:00–8:00

Welcome Reception & Poster Judging

7:15–9:15

Board of Directors Meeting

(By invitation only)



OTTAWA

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FRIDAY, MAY 3, 2024

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7:30–8:15

Breakfast

(International Ballroom Foyer, A & B)

8:15–8:30

Welcome & Introductions

Paula Waters & Pranesh Chakraborty
(International Ballroom C)

8:30–9:30

Scriver Keynote Lectureship: David Bick, NHS Newborn

Genomes Program

50-minute talk & 10 minutes Q & A

Session 3: New Technologies for Diagnostics

Moderator: Pranesh Chakraborty
(International Ballroom C)

9:30–10:00 (virtual)

Metabolomics in IEMs

Clara van Karnebeek
25-minute talk with 5 minutes Q & A

10:00–10:30

Care4Rare Experience with Multi-omics

Aren Marshall
25-minute talk with 5 minutes Q and A

10:30–11:00

Morning Break & Visit Posterboards

(International Ballroom Foyer, A & B)

Session 4: Oral Abstract Presentations

Moderator: Andrea Yu

(International Ballroom C)

11:00–12:30

Six Oral Presentations Selected From Abstract Submissions

Development & validation of a straightforward, robust assay for the analysis of globotriaosylceramide (Gb3) in urine of Fabry disease patients

Michel Boutin

Tolerability of off-label prenatal glycerol phenylbutyrate use in patients with heterozygous ornithine transcarbamylase deficiency for maintenance ammonia management: A single centre Canadian case series

Joseph Dube

Glycogen storage disease type Ia presenting with neonatal metabolic decompensation and hyperammonemia: a case report

Éliane Beauregard-Lacroix

Multi-OMICS Studies for patients with suspected inherited metabolic disorders and non-diagnostic genome-wide sequencing

Jose Peralta

A pipeline to test systemic & cell type-specific ALDH7A1 expression for Pyridoxine-Dependent Epilepsy rescue in zebrafish

Rahima Hasmani

In vivo editing of the transferrin locus for systemic correction of lysosomal storage disorders

Jean-Francois Rivest



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FRIDAY, MAY 3, 2024

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Friday agenda continued

12:30–1:30

Lunch & Visit Posterboards

(International Ballroom Foyer, A & B)

Session 5: Care of Adults with Metabolic Disease

Moderator: Gabriella Horvath
(International Ballroom C)

1:30–2:10

Evolution of the Adult Metabolics Clinic

Sandra Sirrs

30-minute talk & 10 minutes Q & A

2:10–2:50

Reducing Cardiovascular Risks in Aging Adults with IMD

Anna Lehman

30-minute talk & 10 minutes Q & A

2:50–3:30

Reproductive Planning in Patients with IMD

Hanna Faghfoury

30-minute talk & 10 minutes Q & A

3:30–4:00

Afternoon Break & Visit Posterboards

(International Ballroom Foyer, A & B)

Session 6: Allied Health Professionals in the Treatment of Metabolic Diseases

Moderator: Graham Sinclair
(International Ballroom C)

4:00–4:40

Emerging Adults: Supporting Transition to Dietary Independence

Heather Bell

30-minute talk & 10 minutes Q & A

4:40–5:20

Achieving Positive Patient Experience through Health Equity

Karen Sappleton

30-minute talk & 10 minutes Q & A

5:20–6:00

Mental Health Care for IMD patients

Laurie Clark

30-minute talk & 10 minutes Q & A

7:00–11:00

Gala Awards Reception & Dinner

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SATURDAY, MAY 4, 2024

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8:00–9:00

Breakfast

(International Ballroom Foyer, A & B)

Session 7: Disruptive Practices in the Laboratory and Clinic

(International Ballroom C)

9:00–9:30

Approaches to Emergency Plans and ER Letters

Introduction and moderator: Danielle Bourque, followed by a group discussion

9:30–9:45

SIMD NAMA

Mark Korson

9:45–10:00

Morning Break

(International Ballroom Foyer, A & B)

10:00–11:00

Newborn Screening for Conditions Presenting in Early Childhood

Andreas Schulze, Michal Inbar-Feigenberg

Moderator: Nathalie Lepage

(International Ballroom C)

11:00–11:30

Break and Visit Posterboards

(International Ballroom Foyer, A & B)

11:30–12:30

Interesting IMD Cases from Across the Country

Moderator: Lauren MacNeil

Sarah Dyack, Shailly Jain, Aziz Mhanni

(International Ballroom C)

12:30–12:35

Closing Remarks

Paula Waters, President of Garrod Association

DISCLOSURE OF CONFLICTS OF INTEREST

Keeping with accreditation requirements and the National Standard for Support, McMaster University, Continuing Professional Development (CPD) requires all speakers, planning committee members, moderators, facilitators and authors participating in this activity to disclose all relationships with for-profit and not-for-profit organizations over the previous two years. The disclosure must be done in print, verbally, and in writing on a slide prior to the speaker's presentation.



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OTHER MEETINGS (Non-Accredited)

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Thursday, May 2, 2024

6:00–8:00 p.m.

Welcome Reception and Poster Judging
(International Ballroom Foyer, A & B)

7:15–9:15 p.m.

Board of Directors Meeting
By Invitation Only
(International Ballroom C)

Friday, May 3, 2024

7:00–11:00 p.m.

Gala Awards Reception and Dinner
Tickets Required
(Lago Bar & Grill at Dows Lake)

Saturday, May 4, 2024

7:30–9:00 a.m.

Satellite Symposium:
Advances in Fatty Acid Oxidation Treatment
Speaker: Jerry Vockley
(International Ballroom A & B)

Premium Breakfast Provided
Including Smoothy Bar

Sponsored by Platinum Sponsor Ultragenyx

7:30 a.m. – Breakfast

8:00 a.m. – Presentation

12:35–2:00 p.m.

Garrod Association AGM with Lunch
All Members Welcome
(International Ballroom Foyer, A & B)

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Thank you for attending this CPD Conference.



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This program has received an educational grant or in-kind support from

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