Mayo School of Continuous Professional Development

Mayo Clinic Young Investigators Research Symposium

March 18 - 19, 2016
Geffen Auditorium – Gonda Building
Mayo Clinic
200 First Street SW
Rochester, MN

REGISTER ONLINE NOW!
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Course Description
A symposium for young investigators providing graduate students, medical students, residents, clinical fellows, postdoctoral fellows, and junior faculty with opportunities to learn more about the conduct of basic and clinical research. A variety of subjects related to research from bench to bedside will be addressed by experts in the fields. The course goal is to promote team science and encourage collaboration between scientists and physicians. Participants are invited to present their research at the poster session. The symposium provides outstanding opportunities for research career development in a friendly, constructive environment.

Course Learning Objectives
Upon conclusion of this program, participants should be able to:
• Express the principles of basic discovery through the various phases to bedside use.
• Define the principles of basic discovery and development in the laboratory.
• Identify how to effectively communicate ideas, aims and methods in writing.
• Practice effective oral and written communication skills addressing scientific presentations, listening skills, assessing an audience, answering questions and concerns effectively, and language barriers.
• Describe the importance of networking and how to build scientific networks.
• Recognize the importance of translational research.
• Provide a forum for communication between researchers and clinicians.

Attendance of this Mayo course does not indicate nor guarantee competence or proficiency in the performance of any procedures which may be discussed or taught in this course.

Intended Audience
Early stage or new physicians, researchers, residents, fellows, postdoctoral fellows, students, junior faculty and allied health professionals in the region.

Credit Directly-Sponsored
College of Medicine, Mayo Clinic, is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

College of Medicine, Mayo Clinic, designates this live CME activity for a maximum 9.25 PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Other Health Care Professionals
A certificate of attendance will be provided to other health care professionals for requesting credits in accordance with state nursing boards, specialty societies, or other professional associations.

Educational Grants
This course is supported, in part, by educational grants (financial) from Mayo Fellows’ Association, Mayo Research Fellows’ Association, Mayo Clinic Alumni Association, Mayo School of Graduate Medical Education, Mayo Graduate School, Mayo Medical School, Mayo Office of Research Postdoctoral Affairs, and Mayo Center for Biomedical Discovery in accordance with ACCME Standards.
General Information
Mayo Clinic Young Investigators Research Symposium

Date and Location
The Mayo Clinic Young Investigators Research Symposium (YIRS) will be held March 18–19, 2016. Course headquarters will be located in Geffen Auditorium, subway level of the Gonda building, Mayo Clinic 200 1st Street SW, Rochester, MN. Meeting facilities are accessible by skyway and pedestrian subway, which connect Mayo Clinic to shops, restaurants, and hotels. Access building on Saturday via Gonda West doors, Street level, from 7:30-9:00am

Registration
To register online, visit: http://yirs2016.eventbrite.com
or go to: https://alumniassociation.mayo.edu - Select Events/Young Investigators Research Symposium/Register now

- Physician/Scientist in active practice ................................................................. $175.00
- Mayo Clinic trainees currently in MMS, MGS, MSGME or MSHS ..................... $0
- Mayo Clinic Postdoctoral Fellows ................................................................. $0
- Resident/Fellow/Postdoctoral Fellow/Medical Student/Allied Health ........... $140.00
- Guest fee ......................................................................................................... $20.00

The registration fee includes tuition, refreshment breaks, hors d’oeuvres reception on Friday evening, and breakfast, lunch and hors d’oeuvres reception on Saturday. Guest fees apply. Pre-registration is required. You will receive an email receipt immediately following your online registration. Early registration is encouraged.

For additional information contact the Mayo Clinic Alumni Center via e-mail at mayoalumni@mayo.edu or phone at 507-284-2317.

Cancellation Policy
If you cancel your participation in this course, your registration fee will be refunded when written notification is received by Mayo Clinic Alumni Association 10 BUSINESS DAYS PRIOR TO COURSE. Send via email to mayoalumni@mayo.edu. No refunds will be made after March 8, 2016.

Mayo Clinic Alumni Association reserves the right to cancel or postpone any course due to unforeseen circumstances. In the unlikely event Mayo Clinic Alumni Association must cancel or postpone this course, Mayo Clinic Alumni Association will refund the registration fee, but is not responsible for any related costs, charges or expenses to participants, including fees assessed by airline/travel/lodging agencies.

Lodging Accommodations
Guest rooms have been reserved for attendees and their guests with special course rates at the following downtown Rochester hotel. In order to receive the special rate, reservations must be made before the room block is filled or before the expiration date of February 26, 2016, whichever comes first. Reservations will be taken following this date based on space and rate availability. Please identify yourself as a participant of the “Mayo Clinic Young Investigators Research Symposium” when making your reservations.

The Kahler Inn & Suites
9 Third Avenue NW
800-533-1655 or 507-285-9200
$109.00 single/double (plus applicable tax)
Lodging arrangements are the sole responsibility of the individual registrant.
Parking

Parking is available in hotel, city, Mayo Clinic patient/visitor ramps. The cost for parking is not included in the registration fee.

Abstracts

Overview:
The Mayo Clinic Young Investigators Research Symposium will host a poster session featuring research presentations from attending young investigators, residents, clinical and research fellows, graduate and medical students and other trainees. All projects are welcome for abstract submission and may include, but not limited to, randomized trials, outcome studies, practice innovations, or descriptive analyses. Posters will be selected from all abstracts received by the submission deadline – November 1, 2015. Limit of 1000 characters and one abstract submission per first (presenting) author.

Abstract Eligibility:
New abstracts, as well as abstracts that have previously been submitted or published in conference proceedings, or abstracts based upon full papers that have been published are all eligible for submission. Please note that abstracts submitted to YIRS will not be printed nor published, hence providing the opportunity to present this abstract at another meeting.

Poster Competition:
Authors of all accepted abstracts will prepare and present a poster at the Mayo Clinic Young Investigators Research Symposium.

Deadline:
Abstract submission deadline is November 1, 2015.

Notification of Results:
All primary authors will be notified by February 1, 2016, if their submission has been selected for oral or poster presentation. Details regarding presentation guidelines and poster set-up will follow.

Inquiries:
Requests for further information or questions may be directed to Mayo Clinic Alumni Center via e-mail at mayoalumni@mayo.edu or phone at 507-284-2317.

Submit your abstract online at: https://cmt.research.microsoft.com/YIRS2016/ by November 1, 2015.
Faculty

Course Directors
Peter C. Amadio, M.D.
Steven H. Rose, M.D.

Mayo Faculty
David A. Ahlquist, M.D.
Sundeep Kholsa, M.D.
Mark A. McNiven, Ph.D.
Vilmarie Rodriguez, M.D.
Andre Terzic, M.D., Ph.D.
Jennifer J. Westendorf, Ph.D.

Guest Faculty
Grégoire Courtine, Ph.D., Swiss Federal Institute of Technology
Mari H. Dallas, M.D., St Jude Children’s Research Hospital
Paige C. Geiger, Ph.D., University of Kansas

Steering Committee
Eugene S. Bah
Saranya C. Balasubramaniam, M.D., Co-Chair
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Kamalakar Chatla, Ph.D.
Kirsten E. Coffman
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Sarah M. Greising, Ph.D., Co-Chair
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Ivan Z. Nenadic, Ph.D.
Chris M. Olson, Ph.D.
Deborah Oscarson
Jae Yoon Park, M.D.
George B. Saffouri, M.D.
Marissa J. Schafer, Ph.D.
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Stephen C. Ekker, Ph.D.
Bruce F. Horazdovsky, Ph.D.
Carlos B. Mantilla, M.D., Ph.D.
Darrell S. Pardi, M.D.
Program Schedule

Friday, March 18, 2016

4:30–6:00 PM  Registration
5:50–6:00 PM  Welcome & Introduction
6:00–7:00 PM  Leading Through Discovery: The New Mayo Biomedical Discovery Center
  Mark A. McNiven, Ph.D., Mayo Clinic
7:00–7:30 PM  Hors d’oeuvres
  Nathan Landow Atrium, Gonda Building, Subway Level
7:30–8:45 PM  Selected Young Investigator Presentations (6 Speakers Total)

Saturday, March 19, 2016

7:45–8:45 AM  Breakfast, Registration & Poster Set Up
8:45–9:00 AM  Welcome & Introduction
9:00–10:20 AM  Research Highlights: Translational Science
  Title TBD
  Andre Terzic, M.D., Ph.D., Mayo Clinic
  Immunogenetics of Gamma Delta T Cells in Patients with Leukemia Before and After HSCT
  Mari H. Dallas, M.D., St. Jude Children’s Research Hospital
10:20–10:35 AM  Break
10:35–11:55 AM  Research Highlights: Basic Science
  Molecular Mechanisms of Bone Formation and Repair
  Jennifer J. Westendorf, Ph.D., Mayo Clinic
  Obesity, Insulin Resistance and Diabetes: Sex Differences and the Role of Estrogen Receptors
  Paige C. Geiger, Ph.D., University of Kansas
11:55–1:25 PM  Lunch & Speaker
  Marriott Hotel - second floor - Ballroom
  A Young Investigator’s Guide to Translation
  Sundeep Kholsa, M.D., Mayo Clinic
1:25–2:45 PM  Research Highlights: Clinical Science
  Molecular Detection of GI Cancer: Navigating Innovation, Disruption, and Commercialization
  David A. Ahlquist, M.D., Mayo Clinic
  A Personal Journey Through Academic Medicine
  Vilmarie Rodriguez, M.D., Mayo Clinic
  An Update on Managing Cholestatic Liver Disease
  Keith D. Lindor, M.D., Arizona State University
Program Schedule

2:45–3:00 PM  Break

3:00–4:00PM  Career & Professional Development
   Navigating the Publishing Process at High-Impact Journals
   Randy Levinson, Ph.D., Nature Medicine

4:00–5:00 PM  Key Note Speaker
   Locomotor Prosthetics
   Grégoire Courtine, Ph.D., Swiss Federal Institute of Technology

5:00–8:00 PM  Poster Session
   Nathan Landow Atrium, Gonda Building, Subway Level
   Odds being judged (5:15-6:15 PM)
   Evens being judged (6:15-7:15 PM)
   Note: Hors d’oeuvres and refreshments will be served

7:45–8:00 PM  Awards
   Nathan Landow Atrium, Gonda Building, Subway Level

Faculty Disclosure

As a provider accredited by ACCME, College of Medicine, Mayo Clinic (Mayo School of Continuous Professional Development) must ensure balance, independence, objectivity and scientific rigor in its educational activities. Course directors, planning committee, faculty, and all others who are in a position to control the content of this educational activity are required to disclose all relevant financial relationships with any commercial interest related to the subject matter of the educational activity. Safeguards against commercial bias have been put in place. Faculty also will disclose any off-label and/or investigational use of pharmaceuticals or instruments discussed in their presentation. Disclosure of this information will be published in course materials so those participants in the activity may formulate their own judgments regarding the presentation.