<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>10:30 am – 11:00 am</td>
<td>Check-in Judges - Packet pickup</td>
</tr>
<tr>
<td>Location: CARE/Crawley</td>
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<tr>
<td>11:00 am – 12:30 pm</td>
<td>Trainees’ Research Grand Rounds Poster Session</td>
</tr>
<tr>
<td>Location: CARE/Crawley</td>
<td>General Audience poster viewing and Judging session begins</td>
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<tr>
<td>11:45 am – 1:00 pm</td>
<td>Lunch</td>
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<tr>
<td>Location: CARE/Crawley</td>
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<tr>
<td>1:00 pm – 1:10 pm</td>
<td>Welcome and Introduction</td>
</tr>
<tr>
<td>Location: Medical Sciences Building (MSB) E-351</td>
<td>A. Welcome – Manoocher Soleimani, MD, James F. Heady Professor of Medicine, Associate Chair for Research</td>
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<td>B. Welcome – Carl Fichtenbaum, MD, Professor of Medicine, Associate Chair for Translational Research</td>
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<td>C. Introduction of Speaker – Richard Becker, MD, Mabel Stonehill Endowed Professor of Medicine, Chief, Division of Cardiovascular Health and Disease</td>
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<tr>
<td>1:10 pm – 2:10 pm</td>
<td>Trainee Grand Rounds: Keynote Speaker</td>
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<tr>
<td>Location: MSB, E-351</td>
<td>A. Bruce A. Sullenger, PhD, Joseph W. and Dorothy W. Beard Professor of Experimental Surgery, Professor of Surgery, Professor of Pharmacology and Cancer Biology, Associate Professor in Molecular Genetics and Microbiology, Department of Surgery, Duke University Medical Center</td>
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<td>B. Presentation Title: “Forward and Reverse Translation with RNA Aptamers to Control Coagulation and Inflammation”</td>
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<tr>
<td>2:10 pm – 2:30 pm</td>
<td>Awards Presentation, Closing &amp; Evaluation</td>
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<tr>
<td>Location: MSB, E-351</td>
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<tr>
<td>3:00 pm – 4:30 pm</td>
<td>Journal club: Research Fellows Presentations</td>
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<tr>
<td>Open to all</td>
<td>A. Q&amp;A session: Responses from Bruce A. Sullenger, PhD</td>
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<tr>
<td>Location: Noble Fowler Library, MSB 3457</td>
<td>B. Facilitator: Christy Holland, PhD, Professor, Division of Cardiovascular Health and Disease and Biomedical Engineering Program, Scientific Director, Heart, Lung, and Vascular Institute</td>
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<tr>
<td>6:00 pm</td>
<td>Welcome Reception: Richard Becker, MD, sponsor and host</td>
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<tr>
<td>Invitation only</td>
<td>Recognition: Stephen R. Houser, PhD Professor of Medicine and Senior Associate Dean, Vera J. Goodfriend Endowed Chair, Research, Temple University, AHA President</td>
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<tr>
<td>Home of Dr. Becker</td>
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6th Annual Department of Internal Medicine Research Symposium
Finding the Right Treatment for the Right Patient: Precision Research

Saturday, June 10, 2017

Kingsgate Marriott, 151 Goodman Street, Cincinnati, Ohio 45219

7:30 am – 8:30 am
Journal club: Research Fellows presentations
A. Q&A session: Responses from Steven R. Houser, PhD
B. Facilitator: Sakthivel Sadayappan, PhD, MBA, Professor, Division of Cardiovascular Health and Disease

8:00am – 9:00am
Registration and Continental Breakfast
Ballroom – Salon AB – 2nd Floor

9:00 am – 9:15 am
Welcome and Introduction
A. Welcome – Gregory Rouan, MD, Gordon & Helen Hughes Taylor Professor, Chair of Internal Medicine
B. Welcome – William Ball, MD, Christian R. Holmes Professor and Dean, College of Medicine, Senior Vice President for Health Affairs
C. Setting the Stage – Carl Fichtenbaum, MD, Associate Chair for Translational Research and Manoocher Soleimani, MD, Associate Chair for Research
D. Introduction - Sakthivel Sadayappan, PhD, MBA, Professor, Division of Cardiovascular Health and Disease

9:15am – 10:15 am
Research Symposium Keynote Speaker:
A. Steven R. Houser, PhD, Professor of Medicine and Senior Associate Dean, Vera J. Goodfriend Endowed Chair, Research, Temple University, AHA President
B. Presentation Title: “The Future of Precision Medicine: Cardiac Repair and Injury”

10:15 am – 10:25 am
Move to Breakouts – 1st Floor

Breakout Sessions
A. Basic
B. Translational
C. Clinical

10:30 am – 12:00 pm
Morning Breakout Sessions:
(Basic, Translational and Clinical Research Tracks)
10:30 AM to 12:00 PM
A. Breakout Session: New Approaches to Regulate Cell Function (Basic) - Amphitheater I (Room 110) – 1st Floor
Moderators:
- Matthew Wortman, PhD, Research Scientist, Division of Endocrinology, Diabetes and Metabolism, University of Cincinnati
- Takahisa Nakamura, PhD, Assistant Professor, Department of Pediatric, Cincinnati Children’s Hospital Medical Center
Divisions of Endocrinology and Developmental Biology
### 6th Annual Department of Internal Medicine Research Symposium

**Finding the Right Treatment for the Right Patient: Precision Research**

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| 10:30 am – 11:15 am | **Presentation:** Atsuo Sasaki, PhD, Associate Professor, Division of Hematology/Oncology, University of Cincinnati  
**Presentation Title:** “Role of Novel Intracellular Sensors in Metabolism and Disease” |
| 11:15 am – 12:00 pm | **Presentation:** Yuen-Chiang Hu, PhD, Assistant Professor, Department of Pediatrics; Director, Transgenic Animal & Genome Editing Facility, CCHMC  
**Presentation Title:** “Advances in CRISPR/Cas9 genome engineering” |

**B. Breakout Session: Research on Rare Disease-Bedside-to-bench and back (Translational) – Mount Lookout (Room 136) - 1st Floor**

**Moderators:**
- Faisal Syed, MD, Assistant Professor, Division of Cardiovascular Health and Disease, University of Cincinnati  
- Kevin Haworth, PhD, Assistant Professor, Division of Cardiovascular Health and Disease, University of Cincinnati

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| 10:30 AM – 11:15 AM | **Presentation:** Jack Rubinstein, MD Associate Professor, Division of Cardiovascular Health and Disease, University of Cincinnati  
**Presentation Title:** “Repurposing Probenecid for the Treatment of Cardiomyopathy in Fountain’s patients” |
| 11:15 AM – 12:00 PM | **Presentation:** Jane Yu, PhD, Associate Professor, Division of Pulmonary, Critical Care and Sleep Medicine, University of Cincinnati  
**Presentation Title:** “Lymphangioleiomyomatosis – Understanding Molecular Mechanisms Leads to Targeted Therapy” |

**C. Breakout Session: Clinical Trials: Triumphs and Tribulations (Clinical) - Amphitheater II (Room 144) – 1st Floor**

**Moderators:**
- Mary Beth Yacyshyn, PhD, Adjunct Associate Professor, Division of Digestive Diseases, University of Cincinnati  
- George Smulian, MD, Ward E. Bullock Professor of Medicine, Division Director, Division of Infectious Diseases, Chief Infectious Diseases Section, Cincinnati VA Medical Center
### 6th Annual Department of Internal Medicine Research Symposium

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| 10:30 AM – 11:15 AM | **Presentation**: Speaker: Richard Becker, MD, Mabel Stonehill Endowed Professor of Medicine and Chief, Division of Cardiovascular Health and Disease, University of Cincinnati  
**Presentation Title**: “Impact of Aspirin before Coronary Artery Surgery” |
| 11:15 AM – 12:00 PM | **Presentation**: Speaker: Pablo Tebas, MD, Professor, Infectious Diseases Medicine, University of Pennsylvania  
**Presentation Title**: “Working Towards a Cure for HIV” |
| 12:00 pm – 1:00 pm | Buffet LUNCH and network with Trainees |

### Afternoon Breakout Sessions:

**Breakout Sessions**

- **D. Basic**
- **E. Translational**
- **F. Clinical**

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| 1:00 pm – 2:30 pm | **D. Breakout Session**:  
**Topic**: Novel Roles of the Microbiome in Health and Disease (Basic) - Amphitheater I (Room 110) – 1st Floor  
**Moderators**:  
- Rajat Madan, MBBS, PhD, Assistant Professor, Division of Infectious Diseases, University of Cincinnati; and  
- Charles Caldwell, PhD, Professor, Department of Surgery, Director Division of Research, University of Cincinnati |
| 1:00 PM – 1:45 PM | **Presentation**: Speaker: Patrick Tso, PhD, Professor, Mary M. Emery Chair of Pathology, Department of Pathology and Laboratory Medicine, University of Cincinnati  
**Presentation Title**: “Interaction Between Microbiome and Intestinal Lipid Absorption” |
| 1:45 PM – 2:30 PM | **Presentation**: Speaker: Lee A. Denson, MD, Professor of Pediatrics, Microbiome and Inflammatory Bowel Disease, CCHMC  
**Presentation Title**: “Host: Microbe Interactions in IBD” |

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| 2:30 PM – 3:30 PM | **E. Breakout Session V**: Research on Community Studies: Bedside-to-bench and back (Translational) - Mount Lookout (Room 136) - 1st Floor  
**Moderators**:  
- Donald Lynch, MD, Assistant Professor, Division of Cardiovascular Health and Disease, University of Cincinnati; and  
- Wen-Hai Shao, PhD, Assistant Professor, Division of Immunology, Allergy and Rheumatology, University of Cincinnati |
6th Annual Department of Internal Medicine Research Symposium

Finding the Right Treatment for the Right Patient: Precision Research

Presentation: 30 min
Q & A: 15 minutes

1:00 PM – 1:45 PM

Speaker: **Dylan L. Steen, MD MS**, Assistant Professor, Division of Cardiovascular Health and Disease, University of Cincinnati

**Presentation Title:** “SUPERmarket (Kroger) intervention for CVD risk reduction”

1:45 PM – 2:30 PM

Speaker: **Elaine Urbina, MD, MS**, Professor, Department of Pediatrics; Director, Preventative Cardiology, CCHMC

**Presentation Title:** “Non-invasive Methods to Redefine CV Risk in Children”

F. **Breakout Session VI: Clinical Trials: Triumphs and Tribulations (Clinical) - Amphitheater II (Room 144) – 1st Floor**

**Moderators:**
- **Xiaoyang Qi, PhD**, Professor, Division of Hematology/Oncology, University of Cincinnati
- **Trish Wise-Draper, MD, PhD**, Assistant Professor of Medicine, Division of Hematology Oncology

Presentation: 30 min
Q & A: 15 minutes

1:00 PM – 1:45 PM

Speaker: **Deanna Golden-Kreutz, PhD**, Senior Director, Clinical Trials Management Organization, Department of Internal Medicine, Ohio State University

**Presentation Title:** “From Division to Department: Managing Clinical Trial Operations”

1:45 PM – 2:30 PM

Speaker: **John Morris, MD**, Professor, Division of Hematology/Oncology, University of Cincinnati

**Presentation Title:** “Clinical Trials: The good, the bad and the ugly.”

2:30 pm – 2:45 pm

Closing remarks and completion of final evaluation

Dismissal from breakout rooms