In like a lion and out like a lamb is the old adage. However, this year in March the lion continued to roar leaving everyone to anxiously await the beginnings of Spring. I personally, look forward to the budding trees, blooming flowers and lush green grass of spring. Like the changes of the seasons the position of Chair-Elect evolves into the Chair. In January I began my Chair term for the DACC. Like all past Chairs, I began the year by making preparations and planning for the DACC Spring Symposium.

On April 26th, Siemens is holding their annual Siemens Multispecies Users Group meeting. I am excited to tell you that this year it will not only be an inside event but an outside event as well. David Metrena will be bringing the Siemens demo truck loaded with analyzers.

The evening of the 26th will be a Meet the Speaker Mixer (more information on Page 5) which is always a great networking opportunity.

April 27th is the 2018 Spring Symposium being held at Novartis Institutes for Biomedical Research in East Hanover, NJ. I wanted to take this opportunity to thank Novartis for hosting this year’s symposium. Liane Yanis, of Novartis, also deserves a huge THANK-YOU for requesting her site host our event and helping me work out the logistics of the meeting.

The topic for this year’s event is ‘The Current State of Biomarkers’. The speakers will each discuss a different organ or organ system, the biomarkers associated with it along with some translational aspects.

Lastly, I would like to remind all the members of our open positions requiring volunteers to sign up for the elections. In 2019 the available positions are on the nominating committee (3), treasurer, and Chair-Elect. I have found working on the executive committee to be a very rewarding experience. I have learned a great deal and made new and valuable contacts within our industry. I am looking forward to continuing my Chair term working alongside Madhu Sirivelu as the 2018 Chair-Elect, Doug Thudium the 2018 Past Chair as well as the rest of the Executive Committee.

I hope to see you all in New Jersey!

Lisa
DACC NEWS Editorial Staff

Editor
Madhu Sirivelu
978-247-3798
madhu.sirivelu@gmail.com

Assoc. Editor
Jon P. Kimball
919-967-4016
jonkimball@msn.com

Editor Emeritus
Robert E. Emmons
585-924-5019
reemmons@frontiernet.net

DACC 2017 Executive Committee

Chair-Elect
Madhu Sirivelu
Pfizer Inc
978-247-3798
madhu.sirivelu@gmail.com

Chair
Lisa Blankenship
Charles River
419-289-8700 x3123
Lisa.Blankenship@crl.com

Past-Chair
Doug Thudium
Merck Research Laboratories
215-652-9646
douglas.thudium@merck.com

Secretary
Peter Szczerba
Merck Research Laboratories
215-652-7623
peter_szczerba@merck.com

Treasurer
Samantha Wildeboer
AbbVie
847-936-0567
samantha.wildeboer@abbvie.com

DACC 2018 Committees

Nominating (Year as Chair)
Peter Szczerba (2017)
Joseph Sansone (2018)
Vacant (2019)
Jeffrey Burns (2020)
Doug Thudium*
*Exec Comm Rep

Fund Raising
Jon Kimball
Chris Perigard
Samantha Wildeboer*
*Exec Comm Rep

Awards
Jon Kimball (Chair)
Kay Criswell
Bob Emmons
Doug Neptun

Scientific Program & Long Range Planning
Lisa Blankenship
Doug Thudium
Madhu Sirivelu
Jon Kimball
Amy Hudak
Kay Criswell

Membership
Volunteers Needed!

The Division of Animal Clinical Chemistry (DACC) welcomes all persons interested in advancing clinical laboratory science in animals by promoting and encouraging the study, exchanging knowledge, and expanding and improving the practice of clinical laboratory science in animals.

Our division provides a forum for sharing of information relevant to methods of analysis, reference intervals for different animal models, selection of appropriate species for research, and feasibility of transferring relevance of the data to human medicine. The DACC supports the development of methods to detect specific target organ effects and cellular changes associated with xenobiotic agents and/or disease processes.

The Division publishes this newsletter and sponsors regional and national meetings as a means for promoting education, research, and service. We encourage members to pursue professional interactions with AACC as well as within other professional groups. Our membership represents scientists working in interdisciplinary fields, industry, academia, and governmental laboratories.

DACC Supporters

Benefactors

NOVARTIS  SIEMENS

Patrons

Bristol-Myers Squibb  gsk  Boehringer Ingelheim

Contributors

AMGEN  Genentech

Friends

Kay Criswell – Pfizer Global R&D
Christopher deFilippi – VCU
Bradley Enerson – Pfizer, Inc.
Robert Emmons – DACC News Editor Emeritus
Ashley Frazer-Abel – National Jewish Health
Raymond Gonzalez – Merck Research Labs
Christine Grimaldi – Boehringer Ingelheim
Aimee Hillegas – GlaxoSmithKline
Peter K. Hoffman – Novartis Pharmaceuticals
Jon Kimball – The Potter-Hawkins Group
Purvish Patel – Quanterix Corporation
Steven Piccoli – Bristol-Myers Squibb
Thomas Philip – Merck & Co., Inc.
William J. Reagan – Pfizer, Inc.
A. Eric Schultze – Lilly Research Laboratories
Jacqueline Tarrant – Genentech
Michael Thibodeau – Boehringer Ingelheim
Gail Walter – Clinical Pathology Consulting
Deidre Dalmas Wilk – GlaxoSmithKline
David Zelmanovic – LabThruPut
The purpose of this DACC spring meeting is to discuss the utilities of biomarkers from Discovery and Safety Assessment to the clinic. This symposium will cover multiple organ systems with translational aspects while delving into routine and ambiguous biomarkers for identifying toxicity.

**Who Should Attend**
Leaders in the field of clinical pathology, clinicians, pathologists, laboratory directors, laboratory scientists, and professionals engaged in biomarker research and development, pharmaceutical scientists, diagnostic manufacturers, and other individuals interested in laboratory support for biomarkers. Members from all AACC divisions are welcome.

**Symposium Location**
Novartis Institutes for BioMedical Research
One Health Plaza, East Hanover, NJ 07936

**Lodging**
Hanover Marriott
1401 State Route 10
Cedar Knolls, NJ 07981
(973) 538-8811

Approximately 5 minutes from Novartis

See below for the group block reservation link. If members prefer to call to make their reservations, please use the direct reservations line, 800-242-8681. All members requiring a room must tell the agent they are booking under the room block for Charles River Labs/DACC room block. Last day to reserve a room with special pricing: 4/11/18

**Airport**
Newark Liberty International Airport
https://www.airport-ewr.com/newark
Approximately 35 minutes (23 miles from the Novartis site)

**Registration**
$100 AACC members
$125 AACC non-members
Meeting registration available at this link
# 2018 DACC Spring Meeting Program: The Current State of Biomarkers

## THURSDAY - APRIL 26, 2018

### 8:30 AM — 3:00 PM

**Siemens Multispecies Users Group Meeting**  
Hanover Marriott, 1401 State Route 10, Cedar Knolls, NJ 07981  
For registration contact David Metrena at david.metrena@siemens.com

Siemens Instrument Demo Truck on site with the following instruments:
- Dimension EXL 200 Integrated Chemistry System
- Advia 2120i Hematology System
- Advia 360 Hematology System
- Advia 560 Hematology System
- BCS XP System
- Sysmex CA-660 System
- Sysmex CS-2500 System
- RAPIDPoint 500
- CLINITEK Status w/Connector
- PFA-100 System
- Stratus CS Acute Care
- Xprecia Stride
- Immulite 2000 XPi

---

**Lunch Provided**

### 5:00 PM — 6:00 PM

**DACC Executive Committee Meeting**  
Hanover Marriott  
Open to All Members! Come Join in the Planning of DACC Activities!

### 6:00 PM — 8:00 PM

**Meet the Speakers Reception**  
Hanover Marriott  
Generously sponsored by Sysmex America  
Hosted by the DACC  
RSVP to Lisa Blankenship at Lisa.Blankenship@crl.com

---

**Hors d’oeuvres and Cash Bar**

## FRIDAY - APRIL 27, 2018

### 8:00 AM — 8:30 AM

**Registration and Continental Breakfast**  
Novartis Institutes for BioMedical Research  
One Health Plaza, East Hanover, NJ 07936  
Host site contact: Liane Yanas  liane.yanas@novartis.com

### 8:30 AM — 8:45 AM

**Welcome from the DACC Chair**  
Lisa Blankenship, DACC Chair and Symposium Moderator  
Clinical Pathology Supervisor  
Charles River Labs, Ashland, OH
# The Current State of Biomarkers

## FRIDAY - APRIL 27, 2018

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:45 AM — 9:30 AM</td>
<td>Challenges in Interpreting Routine Chemistry Tests in Cancer Patients</td>
</tr>
<tr>
<td></td>
<td><em>Lakshmi V. Ramanathan, PhD</em></td>
</tr>
<tr>
<td></td>
<td>Chief, Clinical Chemistry Service, Attending Chemist,</td>
</tr>
<tr>
<td></td>
<td>Department of Laboratory Medicine, Clinical Member</td>
</tr>
<tr>
<td></td>
<td>Memorial Sloan-Kettering Cancer Center, New York, NY</td>
</tr>
<tr>
<td>9:30 AM — 10:15 PM</td>
<td>Current State of Cardiac Biomarkers</td>
</tr>
<tr>
<td></td>
<td><em>Brian Roche, PhD</em></td>
</tr>
<tr>
<td></td>
<td>Executive Director, Global Safety Pharmacology</td>
</tr>
<tr>
<td></td>
<td>Charles River Laboratories, Ashland, OH</td>
</tr>
<tr>
<td></td>
<td>Coffee Break</td>
</tr>
<tr>
<td>10:45 AM — 11:30 AM</td>
<td>Cytokines in Clinical Laboratory</td>
</tr>
<tr>
<td></td>
<td><em>Kazunori Murata, PhD, DABCC</em></td>
</tr>
<tr>
<td></td>
<td>Associate Attending Chemist</td>
</tr>
<tr>
<td></td>
<td>Department of Laboratory Medicine</td>
</tr>
<tr>
<td></td>
<td>Memorial Sloan-Kettering Cancer Center, New York, NY</td>
</tr>
<tr>
<td>11:30 AM — 12:15 PM</td>
<td>Ultra-sensitive Measurement of Pre-clinical and Clinical Biomarkers</td>
</tr>
<tr>
<td></td>
<td>Using Simoa Technology</td>
</tr>
<tr>
<td></td>
<td><em>Greg Warner, PhD</em></td>
</tr>
<tr>
<td></td>
<td>Senior Field Applications Scientist</td>
</tr>
<tr>
<td></td>
<td>Quanterix Corporation Lexington, MA</td>
</tr>
<tr>
<td></td>
<td>Lunch</td>
</tr>
<tr>
<td>1:15 PM — 2:00 PM</td>
<td>The Use of Translational Biomarkers to Decipher Diseases of the Brain</td>
</tr>
<tr>
<td></td>
<td><em>Juliya Kalinina, PhD</em></td>
</tr>
<tr>
<td></td>
<td>Senior Scientist</td>
</tr>
<tr>
<td></td>
<td>Biology-Discovery, Symptomatics</td>
</tr>
<tr>
<td></td>
<td>Merck Research Laboratories, West Point, PA</td>
</tr>
<tr>
<td>2:00 PM — 2:45 PM</td>
<td>Translational Aspects of NASH Models</td>
</tr>
<tr>
<td></td>
<td><em>Kristin Henson, DVM, MS, DACVP</em></td>
</tr>
<tr>
<td></td>
<td>Director</td>
</tr>
<tr>
<td></td>
<td>Safety Assessment</td>
</tr>
<tr>
<td></td>
<td>Novartis, East Hanover, NJ</td>
</tr>
<tr>
<td>2:45 PM — 3:00 PM</td>
<td>Discussion and Closing Remarks</td>
</tr>
</tbody>
</table>
DACC Memories

Diane and the Ice Rat

What’s the Story?
This is a picture from the DACC Spring Meeting in April 1993 at Collegeville, PA hosted by the French chemical and pharmaceutical company, Rhône-Poulenc Rorer and features Diane Rhodes, the Chair-Elect admiring a marvelous ice sculpture of a rat, a creation of a food service employee at Rhône-Poulenc Rorer

Guess Who?

This is a picture from the Bayer Reception, AACC Annual Meeting at Philadelphia, PA in July 2003.

Who are the DACC members with Amy Hudak?

Answers on Page 9
Make Your Plans NOW to Attend DACC Events at the AACC Annual Meeting

DACC Annual Scientific Meeting & Division Programs
DACC Executive Committee Meeting

DACC General Business Meeting and Lunch & Learn Session

DACC Award for Outstanding Contributions to Animal Clinical Chemistry
Award Presentation Reception and Mixer supported by Siemens Healthineers

Animal Clinical Chemistry Poster Session

The DACC Needs YOU!
Members Are Needed to Run for Office and or Volunteer to Serve the Division in the Following Capacities:

**Elected Office**
- Candidate for Treasurer
- Candidate for Nominating Committee Member
- Candidate for Chair-Elect

**Volunteer Positions Available**
- Nominating Committee
- Assistant Editor, DACC Newsletter

Your Participation in OUR Division is Vital to Ensure Continued Quality of the DACC’s Business and Educational Activities
The Membership of the DACC Extends a HUGE THANK YOU to Sysmex America for Hosting the DACC Meet the Speakers Reception and to Novartis Inc. for Hosting the DACC Spring Symposium at their Hannover, NJ Location.