

**Translating
basic knowledge
into excellence
in clinical
practice and
patient care**

• MISSION

To inform and educate the laboratory community about efforts involved in the rapid transition of basic knowledge into clinical practice and patient care.

• OFFICERS

President:

Vincent Ricchiuti, PhD
Director, Clinical Chemistry & Toxicology
University of Cincinnati Hospital
Department Pathology and Lab Medicine
Cincinnati, OH
Vincent.Ricchiuti@uchealth.com

Secretary:

Peggy Emmett, MA, MT(ASCP)
Lab Manager, TCH CTCRC Core Lab
University of Colorado Denver
Aurora, CO
Emmett.peggy@tchden.org

Treasurer:

Ben Varasteh, BS, MBA
Lab Manager, CTRU
Stanford University
Stanford, CA
varasteh@standord.edu

Internet Coordinator:

Paul Hartman
GCRC Core Lab
Case Western Reserve
Cleveland, OH
phh@case.edu

Division Liaison:

Howard Susman, MD
Standord University
Palo Alto, CA
hsussman@stanford.edu

Symposium Committee:

Merrill Emmett, PhD.
Laboratory Consultant
Pediatrics Pulmonary Division
University of Colorado Denver
Aurora, Colorado
Emmett.merrill@tchden.org

Newketter prepared by Peggy Emmett,
Secretary of Clinical Translational Science
Division.

Inside this issue:

2012 Annual Meeting CTS	1
CTS Division Communication Tools	1
2011 Annual Meeting CTS Division Event Review	2

TRANSLATIONAL TIMES

A newsletter of the Clinical Translational Science Division

Volume 2, Issue 1

Spring 2012

American Association for Clinical Chemistry

UPCOMING EVENTS FOR CLINICAL TRANSLATIONAL SCIENCE DIVISION AT THE ANNUAL 2012 MEETING

The Clinical Translational Science Division will be involved in the following meetings and Symposia at the Annual 2012 AACC meeting in Los Angeles:

Sunday, July 15th from 1:00—2:30 pm is the Division Awards and Networking Meeting. This meeting is for members of all Divisions. It will be held at the J.W. Marriott At LA LIVE—Platinum Ballroom, Salon C.

Sunday, July 15th from 6:45 —8:00 pm is the Annual AACC Meeting Opening Mixer, open to all attendees of the Annual Meeting. It will be held at the J.V. Marriott Los Angeles at LA Live—Diamond Ballroom, Salons 1-4.

Monday, July 16th from 12 noon—2:00 pm is the Clinical Translational Sci-

ence Division Luncheon and Business Meeting. In addition to lunch and a business, there will be a presentation by Jim Vaught, PhD from NCI about the CAP Certification Program for Biorepositories.

Tuesday, July 17th, from 2:30—5:00 pm, the Clinical Translational Science and Proteomics Divisions are sponsoring a Symposia titled: Biorepositories: Road Map to Success. The topics include:

Biorepositories: Worth Their Weight in Gold, Elaine Gunter, MT(ASCP), Specimen Solutions, LLC, Atlanta, GA

NCI Office of Biorepositories & Biospecimen Research: Overview & Initiatives, Jim Vaught, PhD, National Cancer Institute,

Rockville, MD

Human Subjects Regulations Affecting Biorepositories: Current and Proposed, Roger Aamodt, PhD, Retired/Consultant, Roseville, CA

Human Blood Collection, Processing, and Storage and Their Impact on Proteomic Analysis, Caprion Proteomics, Inc. Montreal, Quebec, Canada.

Tuesday, July 17th from 5:30—7:00 pm will be the a joint mixer including the Clinical Translational Science, Pediatric and Maternal-Fetal, and the Industry Divisions. At this Social Mixer, the awards for abstracts and Posters will be presented. This will be held at the J.W. Marriott Los Angeles at LA LIVE—Diamond Ballroom, Salon 10.

CTS DIVISION COMMUNICATION TOOLS WEBPAGE AND LINKEDIN CTS GROUP

The Clinical Translational Science Division has two main tools for communication within the division. These are the Division Section of the AACC Webpage and a Group-Specific LinkedIn format for members only. We are asking for all members to create a LinkedIn profile and join the CTS LinkedIn group.

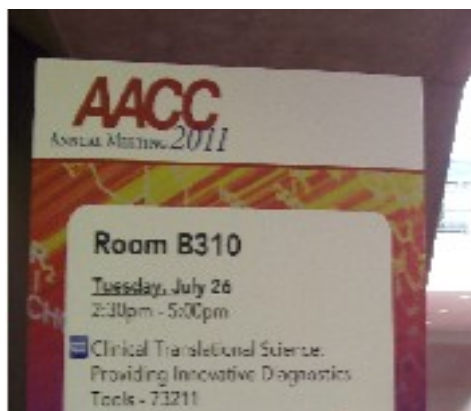
We will use the LinkedIn group as a format for discussion and comment. The directions are as follows:

1. Sign up for a free account on www.linkedin.com
2. There is a search bar in the upper right corner. Type in AACC's Clinical Translational Science

Division and choose groups from the drop down tool.

3. Click on join group. Feel free to join in discussions and pose new questions or comments. The Webpage will contain copies of minutes, the by-laws, copies of the Division Newsletter, upcoming events, etc.

CLINICAL TRANSLATIONAL SCIENCE 2011 AFTERNOON SHORT COURSE: PROVIDING INNOVATIVE DIAGNOSTIC TOOLS



On Tuesday, July 26, 2011, an afternoon Short Course sponsored by the Clinical Translational Science Division and the Animal Clinical Chemistry Division took place. Three speakers spoke on topics new diagnostic tools for discover of viable biomarkers of human disease and the transition of those markers from R&D to clinical use..

Martin Fleisher, PhD, FACB, Memorial-Sloan Kettering Center, New York, NY presented his data on the development of "Circulating Tumor Cell Analysis and Personalization of Treatment". Marty stated that the aim of this testing is to determine whether circulating tumor cell numbers before and after therapy can predict a clinical benefit to the chemotherapy treatment.

Larry Gold, PhD, SomaLogic, Inc. Boulder, CO, spoke about "Human Proteomic Arrays: Unlocking Biomarker Discovery for Serious diseases". Larry discussed his development of SOMAmers (Slow Off-Rate Modified Aptamer). They are a class of ssDNA-based affinity reagents, aimed at proteins.

Johan Skog, PhD, Exosome Diagnostics, Inc., New York, delivered a talk about "Exosomes—A New Paradigm for Body Fluid Based Gene-Based Diagnostics".

Johan presented work on using exosomes/microvesicle RNA (found in all biofluids) as biomarkers for disease.

A thoughtful discussion followed the presentations as the audience asked the panel questions and offered comments regarding their talks. The AACC offered 2.5 CE credits for this symposium. The short course was well attended.



(Left to right) Johan Skog PhD, Larry Gold, PhD, Vincent Ricchiuti, PhD, Martin Fleisher, PhD.

2011 CLINICAL TRANSLATIONAL SCIENCE DIVISION BUSINESS MEETING PRESENTATION: DECISIVE LEAPS AND BOUNDS: RECENT PATENT LAW DEVELOPMENTS AFFECTIONS *in vitro* diagnostics.

A breakfast Business Meeting for the CTS Division was held on July 24, 2011. William Warren, a Partner in Intellectual Properties at the Sutherland Law Firm in Atlanta, gave a very interesting and enlightening talk about Patent Law as it applies to new diagnostic tools in the clinical and research laboratories. He reviewed patentability requirements for diagnostic tests.

He also discussed recent suits regarding method claims that have been filed regarding Myriad Genetics, Bilski, Lab-Corp, Prometheus, and others. He explained the basis behind the complaints and tried to clarify the courts rulings.



(right) William L. Warren

2011 CTS DIVISION ABSTRACT AWARD FOR OUTSTANDING RESEARCH IN TRANSLATIONAL MEDICINE

On Tuesday, July 26, 2011, the Clinical Translational Science Division presented the 2nd Annual Abstract Award for Outstanding Research in Translational Medicine. The ceremony took place during the Joint Mixer with the Molecular Pathology, Pediatric Maternal Fetal, Industry, and Clinical Translational Science Divisions. The award winner

was Dennis O'Rourke, from the Brigham and Women's Hospital, Boston, MA. The title of the winning abstract was: Autoantibody Signatures as Biomarkers to Distinguish Prostate Cancer from Benign Prostatic Hyperplasia in Patients with Elevated Serum PSA. President Vincent Ricchiuti presented the award and a check for \$500.00.



Dennis O'Rourke (left) receives his award from Vincent Ricchiuti (right)