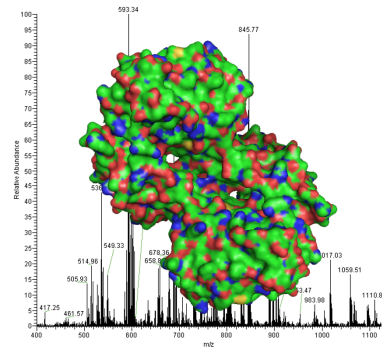


American Association for Clinical Chemistry

Proteomics Division NEWSLETTER



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Message from the Chair: **Proteomics Division on an upward trajectory!**

Steven H. Wong, Ph.D., Chair, Proteomics Division

Season's Greetings again!!

On behalf of the Proteomics Officers, we wish you and your family a Happy Holiday Season!! This is my second and last written communication to our Proteomics Division members, following the first one last Winter. It has been my privilege to serve as Chair with our proactive officers. Through our concerted effort within and with other divisions, and with your support, I would suggest that our Division is embarking on an upward trajectory!!

In this greeting, I would like to focus on the following inter-related activities/projects: formally integrating metabolomics; MOU – NCI and other MOUs; the evolution of the multidivisional biomarkers conference/the 2012 AACC IOM consensus conference/the 2013 satellite conference on Molecular Biomarker Diagnostics Applications (MBDxA) with MSACL., budget and future plans; awards; the 2012 annual meeting and 2013 proposals submissions; and the 2012 election.

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Before I elaborate on the above areas, I would like, on behalf of the Proteomics Division, to thank Dave Sainato of AACC for his dedicated and outstanding effort which have been vitally important in advising and in enabling the various functions of the Division. Recently, he was re-assigned to other AACC tasks. The Division greatly appreciate his support and passion for Proteomics.

Integrating Metabolomics – After thoughtful deliberation amongst the Proteomics Officers and other thought leaders for almost two years, and in light of mutually beneficial scientific developments, the Proteomics Division officers have voted to support the integration of metabolomics within our division and to formally work toward adoption of a new name, the “Proteomics and Metabolomics Division”. In the initial founding of the Proteomics Division, the study of panels of protein and metabolites was included within the scope of the approved bylaws, showing careful deliberation and foresight. In the recent Institute of Medicine (IOM) report “Evolution of Translational Omics: Lessons Learned and the Path Forward (http://books.nap.edu/openbook.php?record_id=13297&page=1), molecular -omics biomarkers were noted to include: genomics, transcriptomics, proteomics and metabolomics. One recommendation of this report that is particularly important to AACC members is the charge to evaluate clinical utility, proposing that “The candidate omics-based test from the research laboratory is then transferred to a CLIA- certified clinical laboratory for development of the clinical testing methods followed by analytical validation and clinical/biological validation.” The IOM report and recent research and development in metabolomics provided timely evidence of the emergence of Clinical and Translational Metabolomics. Since some of the technology platforms used in metabolomics, such as mass spectrometry and bioinformatics, are also widely used in proteomics, the formal integration of metabolomics would provide synergistic opportunities for AACC and non-AACC members to network and collaborate. In proposing the integration and name change, the Division would undertake a series of steps in 2013 – notification to AACC’s Divisional Management Group, voting by Proteomics Divisional members, and--if approved--AACC Board of Directors review and approval. In short, the steps will take about 12 months. In the meantime, Steve Master, incoming Chair for 2013-4, and other Proteomics Officers would very much welcome your input.

Furthering Memorandum of Understanding (MOU) – As you already know, past chair Saeed Jortani, with his dedicated effort, established a MOU between AACC and NCI/NIH. I have also followed Saeed’s footsteps, exploring the establishment of MOUs with other governmental and regulatory agencies. This initiative was well supported by 4 other AACC divisions – Molecular Pathology, Translational Science, Clinical and Diagnostics Immunology, and more recently, Therapeutic Drug Management and Toxicology Divisions. We are hopeful that these MOUs will come into being, with tangible benefits and opportunities of AACC members contributing to advance the science, and consequently, the recognition for AACC members and the clinical chemistry profession.

Evolution of the multidivisional biomarkers conference/the 2012 AACC IOM consensus conference/the 2013 satellite conference on Molecular Biomarker Diagnostics Applications

(MBDxA) with MSACL – Since the Proteomics conference in Bethesda in 2009, the Proteomics Division and 3 other divisions, under the chairmanship of Jim Ritchie - – Molecular Pathology, Translational Science, and Clinical and Diagnostics Immunology, have been collaborating and planning for a biomarker conference. This was achieved via conference calls and multiple submissions to the Program Coordination Commission. Early this year, Steve Binder, in one of the planning conference calls, shared publication of the IOM report. The planning group, led by Jim Ritchie, then reformatted the conference in relation to the findings/recommendations of the IOM report. A consensus conference was held on July 14, in LA during the annual conference. As shown by the invitation letter, “ The aim of the consensus conference is to provide input for a high-level AACC document relating to Omics-based research. This document will build upon the Institute of Medicine Report, Translational Omics: Lessons Learned and the Path Forward, findings from the literature, and the expert knowledge that you possess in an Omics discipline or translational medicine.” The meeting addressed the challenges and opportunities associated with translational biomarkers – genomics, transcriptomics, proteomics and metabolomics. From this conference, a draft report (AACC position paper) is being prepared for possible submission to a leading scientific journal. This outcome is directly a result of the 4 divisions’ joint attempt in organizing a biomarker conference as described above. Further encouraging development of this joint effort was the gracious invitation to organize a satellite conference by David Herold, M.D., and Chris Herold, Ph.D., of the highly regarded The Association Mass Spectrometry Analysis to Clinical Lab (MSACL). Again, Jim Ritchie graciously agreed to chair the effort on behalf of the 4 AACC divisions. After working closely with the National Office, Jim, Dave and Chris have quickly assembled a molecular scientific program complementary to the focus of MS by MSACL. The satellite conference is entitled to Molecular Biomarker Diagnostic Applications (MBDxA) with the following link: https://www.msaccl.org/registration_MBDxA.php. The program is also detailed in this issue of the newsletter. Please consider joining us in this timely conference. The above outcomes amply demonstrated the upward proactive trajectory of the Proteomics Division. Please share with us your input.

Budget and future plans – As the fiscal year is coming to a close, the Proteomics Division would show a negative balance. Our main expense in recent years has been the annual meeting luncheon. Accordingly, in a recent conference call, the Officers explored cost-saving approaches for 2013. The measures might include joining other division during AACC annual meeting and seeking corporate sponsorships.

Awards - One poster prize was awarded to a young scientist for the best abstract at the annual meeting – Dr. Leslie Donato of Mayo Clinic. The Award Committee, chaired by Jim Ritchie, and with support from the Proteomics officers, created another important award – Proteomics Service Award. The inaugural awardee was Dr. Henry Rodriquez of NCI. He was recognized for his scientific and professional contributions to Proteomics. For the upcoming 2013 young scientist

award, the officers recommended the inclusion of one-year Proteomics Division dues. This will pave the way for the budding scientists to network and contribute to the Division.

2012 annual meeting and 2013 annual meeting proposals – The Proteomics Division was active in multiple symposium sessions, and also endorsed several accepted symposia/workshop proposals. For 2013 proposals, the Division endorsed a larger number, possibly due to collaboration with other Divisions.

2012 Election – I would like to thank the Nominating Committee of the effort in assembling a great slate of candidates. Please vote and support these candidates. Their future contribution would ensure our upward trajectory!

In closing, I would like to thank the Proteomics officers for their support, guidance and encouragement., to Jim Ritchie for his tireless effort., and to Steve Binder, for this timely sharing of the IOM report. I am also grateful for the opportunity to serve. With the enriching experience, I developed my platform statement for the AACC President-Elect. With my election to that Office, I would always benchmark my Proteomics experience in future AACC planning!! And I wish you a Most Joyous Holiday Season!!

Contributions

If you are interested in contributing articles or news to the Division Newsletter, or even if you simply have an idea for topics (e.g. LDT regulation) or forums (e.g. social media sites) that would be of use to the AACC proteomics community, please contact Steve Master (srmaster@mail.med.upenn.edu).

Divisional Lunch 2012

The Divisional lunch and membership meeting was held during the AACC Annual meeting in Atlanta, GA. Once again, we congratulate our award winner, Leslie Donato of Mayo Clinic. Photos (L->R, top->bottom): Steven Wong, Proteomics Division Chair; Saeed Jortani, past Division Chair; Jim Ritchie, awards committee presents to Leslie Donato; Dr. Ritchie presents the inaugural Proteomics Service Award to Henry Rodriguez, NCI; 2012 Division meeting attendees.



IMPORTANT ANNOUNCEMENT from the AACC multidivisional biomarkers planning committee!!!

Please join us for a cutting-edge discussion of biomarker-based diagnostics, held in conjunction with the MSACL meeting in San Diego

The logo for the American Association of Clinical Chemistry (AACC) is displayed in white, bold, sans-serif font against a dark blue background with a subtle circular pattern.

Announcing a new conference:

Molecular Biomarker Diagnostic Applications (MBDxA)

Developed by the Proteomics, Clinical and Diagnostic Immunology, Translational Sciences, and Molecular Pathology Divisions of **AACC** in collaboration with **MSACL**

Molecular Biomarker Diagnostic Applications (MBDxA 2013)

Feb 11-12, 2013
Sheraton Hotel & Marina
San Diego, CA

MBDxA 2013 will take place simultaneously with **MSACL 2013** as a satellite conference.

A single registration fee covers both conferences !

REGISTER for MBDxA and MSACL 2013 here:

https://www.msaccl.org/registration_MBDxA.php

Call for ABSTRACTS for MBDxA 2013

If you are interested in presenting a POSTER on any of the topics below, now you've got a great venue to do it!

1. Cancer Biomarkers
2. Epigenetics
3. GWAS Studies
4. Immunomics
5. Metabolomics
6. Molecular Diagnostics
7. Molecular Pathology
8. Molecular Vaccine Research
9. Next Generation Sequencing
10. Proteomics
11. Translational Medicine

Submit An Abstract for MBDxA2013

https://www.msaccl.org/abstract_info_MBDxA.php

The submission deadline for MBDxA Poster consideration is January 4, 2013.

Important Dates:

Dec 1: EARLYBIRD Registration Deadline

Jan 4: Abstract submission deadline for Poster consideration (FINAL).

Jan 9: REGULAR Registration Deadline

Feb 1: LATE Registration Deadline (END of Online Registration)

Feb 9 - 13: MBDxA & MSACL 2013

Phone: 1-800-892-1400 or 202-857-0717 Fax: 202-887-5093

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