

Proposal of a Scientific Session for
AOAC International 128th Annual Meeting and Exposition
September 7-10, 2014, Boca Raton, Florida USA
(the revised version of a proposal submitted on November 22, 2013)

Relevant community: Microbiology Community or collaboration with Technical Division for Reference Material (TDRM)

Scientific session title:

Standard Material of Viable Microbial Cells (SMVM)

Co-organizers:

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Topics and speakers:

1. The Challenge to Challenge: Innovative Precise Controls for Microbiological Method Validation.

David Myatt, bioMérieux Industry, Australia, E-mail: david.myatt@btf.biomerieux.com

2. Order-made SMVM prepared in situ toward the application to broad spectrum of strains.

Hideaki Matsuoka, Tokyo University of Agriculture and Technology, Japan, E-mail: mhide@cc.tuat.ac.jp

3. Future scope of method validation of rapid methods with SMVM.

DeAnn Benesh, US-Corporate 3M, USA, E-mail: dbenesh1@mmm.com

Abstract:

Currently various new microbiological methods have been developed owing to development of relevant technologies. Accordingly the method validation should cover all of them based on different measuring principles. They include also conventional colony count methods using novel medium with high quality. Consequently SMVM has become much more intensively required than ever.

This session focuses technological innovation toward the development of SMVS and its practical impact featuring 3 topics; ready-made SMVS, order-made SMVS, and future scope of rapid method validation. The session will provide the audience with stimulating discussion about the most basic question “what is a single colony?” and insight toward a more rational validation of microbiological methods.

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