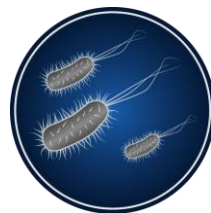


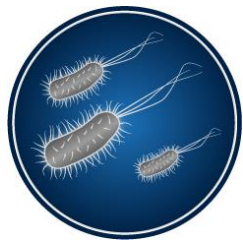
Evaluation, Validation and Implementation of Alternative and Rapid Microbiological Methods

Additional References and Closing Remarks

Michael J. Miller, Ph.D.

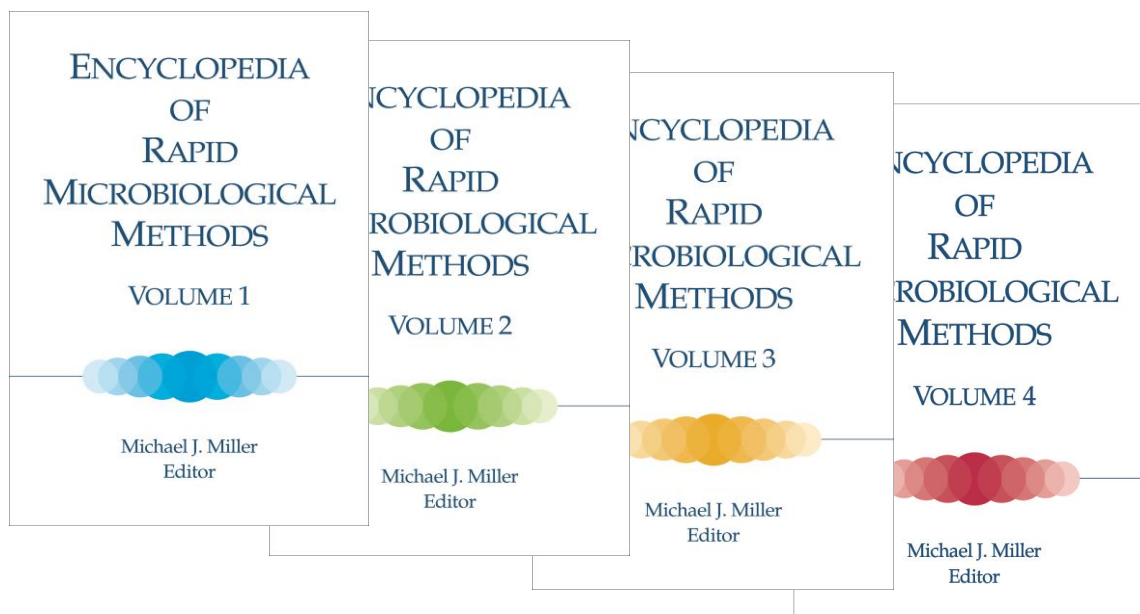


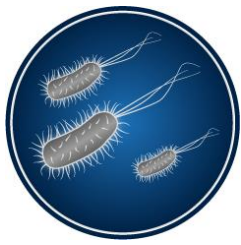
MICROBIOLOGY
CONSULTANTS, LLC



For More Validation Case Studies

PDA Encyclopedia of Rapid Microbiological Methods



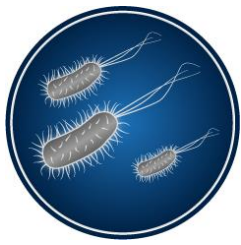


rapidmicromethods.com

- Guidance on validation, regulatory expectations, technologies and ROI
- Extensive reference list with links
- Product Comparison Matrix
- Current RMM news
- The RMM Blog
- Calendar of events

The screenshot shows the homepage of rapidmicromethods.com. At the top is a navigation menu with links: Tutorial, Product Matrix, Validate, Regulatory, ROI, News, Blog, Events, References, Newsletter, Forum, Training & Consulting, and Contact. Below the menu is a large blue banner with the text "RAPID MICRO METHODS" and a sub-headline: "The online reference for rapid microbiology technologies, regulatory expectations and return on investment guidance during the design, validation and implementation of rapid microbiological methods." The main content area is divided into several sections:

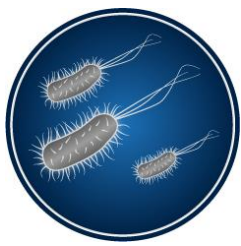
- Featured Rapid Microbiology News:** Includes articles such as "Particle Measuring Systems Offers the The BioLaz™ Real-Time Microbial Monitor for the Rapid Detection of Airborne Organisms" and "Upcoming Rapid Methods Workshop and Training Course at FDA Europe's 2012 Annual Microbiology Conference".
- Our New RMM Product Matrix:** Promotes a brand new RMM Product Matrix that allows users to compare more than 45 different technologies, including details on scientific methods, applications, time to result, throughput, sensitivity, and organisms detected.
- Sign Up for Our Free Newsletter:** Offers a newsletter that keeps users informed of updates to news, calendar, blog, references, and RMM Product Matrix pages.
- RMM Discussion Forum:** Invites users to join a LinkedIn discussion forum for rapid micro methods.
- Rapid Micro Methods Blog:** Features recent blog posts, including "Happy Holidays from rapidmicromethods.com" and "Scientists Develop Nanomechanical Biosensor Based on Photonic Crystal Nanowire Array".
- Other Rapid Microbiology News:** A list of recent news items, such as "Nanosphere Receives FDA Clearance of Gram-Positive Blood Culture Test for Staphylococcus" and "Researchers Strike Gold with Nanoparticle Virus Test".



“Rapid Microbiology Methods” Group on LinkedIn

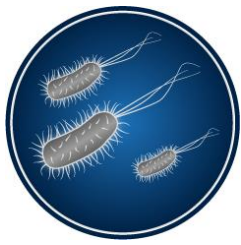
- Over 10,000 members in the group
- Posts from around the world
- Our RMM blog and news articles





Course Summary

- RMMs offer new solutions for the detection, enumeration and identification of microorganisms
- Understand your current methods, look at opportunities for improvements, identify the right RMM for the application, validate and implement
- RMMs can provide Process Analytical Technology (PAT) and Quality by Design (QbD) opportunities for contamination control and continuous process and product improvement



Your Course Instructor

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- LinkedIn: <http://www.linkedin.com/in/drmichaelmiller>
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