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| **March 22, 2012** |
| Key Organizations from Around the World to Address Challenges and Technology Breakthroughs in Sample Preparation for Pathogen Detection at [5th Sample Prep](http://www.knowledgefoundation.com/viewevents.php?event_id=278&act=evt) Conference in San Diego from May 3-4 |
| **World Leaders to Address Challenges and Technology Breakthroughs in Sample Preparation for Pathogen Detection at 5th Sample Prep Conference in San Diego from May 3-4.**BOSTON, MA – March 22, 2012 – Leading organizations from around the world will convene in San Diego for the Knowledge Foundation’s 5th Sample Prep conference which will take place at the Hilton Resort & Spa from **May 3-4, 2012**.**Sample Prep** is an internationally recognized event for experts in sample preparation for detection and identification of viruses, toxins and pathogens. This conference will address the major issues and state-of-the-art in the technologies for real-world sample preparation. Specific topics to be explored when world leaders convene for this high-level symposium include:• Sample prep with microfluidics • Sample prep-on-a-chip • Alternative sample prep technologies for viruses, toxins & pathogens • Sample prep as separate vs. integrated module approach • Nanotechnology challenges for sample preparation • Robust sampling methodologies (automation, high-throughput, combinatorial approach in sample prep) • Food, water, air, and environmental sampling • Novel methods of extraction from tough (non-filterable) matrices • Single use sample concentration modules • Advanced lateral flow assays for sample prep • Nucleic acid or protein based sample prep for next generation sequencing • Sample prep technologies for detection/diagnostics vs. pharma**Distinguished Speaker Faculty**-  Raymond P. Mariella, PhD, Lawrence Livermore National Laboratory - Mark W. Eshoo, PhD, ibis Biosciences, Inc., a subsidiary of Abbott Molecular  - Steven S. Branda, PhD, Sandia National Laboratories - Michael Pollack, PhD, CTO, Advanced Liquid Logic, Inc. -Alexis Sauer-Budge, PhD, Fraunhofer - Stephane Evoy, PhD,University of Alberta, Canada-Rajaram Krishnan, PhD, CEO, Biological Dynamics, Inc.\* -Joseph Wang, PhD, University California San Diego - Michael J. Heller, PhD, University of California San Diego- Richard A. Montagna, PhD, Rheonix, Inc. -Dennis W. Harris, DPhil., IntegenX, Inc. - Bruce Irvine, Claremont BioSolutions LLC - James M. Birch, PhD, Monterey Bay Aquarium Research Institute - Andre Marziali, PhD, Boreal Genomics Inc. & University of British Columbia-Eric R. Rhodes, PhD, U.S. Environmental Protection Agency - John P. Langmore, PhD, Rubicon Genomics, Inc. - Stephanie Thatcher, Idaho Technology, Inc.- David S. Alburty, InnovaPrep LLC- James P. Landers, PhD, ZyGEM Corporation University of Virginia\*- Rolf Müller, PhD, Biomatrica, Inc. -Steve Barrett, President and CEO, DetectGen, Inc., Canada**About The Knowledge Foundation**The Knowledge Foundation integrates scientific ingenuity and real-world applications by fostering collaborative research at the rapidly changing intersection of science and business. Known for providing members of its Technology Commercialization Alliance with direct and unbiased state-of-the-art scientific information, the Knowledge Foundation is uniquely qualified to provide wider exposure for important developments in the emerging fields of alternative energy, nanotechnology, and chemical & biological detection technologies.  |
| **Contact:**The Knowledge Foundation2193 Commonwealth Ave, Suite 398Boston, MA  02135-3853Phone: (617) 232-7400Fax: (617) 232-9171Email: custserv@knowledgefoundation.comWebsite: [www.knowledgefoundation.com](http://www.knowledgefoundation.com)**Media Contact:**Matt DiCeccaConference Marketer(617) 232-7400 ext. 203Email: mdicecca@knowledgefoundation.com |