

Specific Technologies Appoints Robin Patel, M.D., Mayo Clinic, to Scientific Advisory Board

MOUNTAIN VIEW, Calif., Jan. 5, 2018 — Specific is pleased to announce that [Robin Patel, M.D.](#), D(ABMM), chair, Mayo Clinic Division of Clinical Microbiology, Professor of Microbiology and Medicine, and the Elizabeth P. and Robert E. Allen Professor of Individualized Medicine, has been appointed to the company's Scientific Advisory Board. Dr. Patel, a widely recognized practice leader across microbiology diagnostics, was recently elected president of the [American Society for Microbiology](#).

“Dr. Patel will bring an extraordinary depth of experience to Specific as it readies its first instrument for clinical evaluation,” says Paul A. Rhodes, Ph.D., Specific Technologies CEO. “SpeciFAST™ promises to enable highly accurate phenotypic MIC determination in four hours, directly from a positive blood culture, meeting a vital need for patients with antibiotic resistant infection. Dr. Patel has been at the forefront in evaluating new technologies for assessment of blood infection, and her appointment at this time is very welcome.”

About Specific Technologies' Product Family

During growth in culture, bacteria produce small molecule volatile metabolite mixtures unique to their species. Specific's products utilize inexpensive printed chemical sensor arrays to obtain a profile of such volatile mixtures that combine detection of growth, antibiotic efficacy, and microorganism ID into simple, automated, low-cost instruments and disposables. Accuracies of the SpeciFAST MIC determination meet those of gold standard broth microdilution methods, but with results obtained within four hours of a positive blood culture, directly from a diluted positive blood sample. The system will streamline lab workflow, reduce costs, and substantially shorten the time from sample arrival to selection of effective therapy, saving patients faced with fast-moving and deadly drug-resistant blood infections.

About Specific Technologies

Specific Technologies has developed *in vitro* diagnostic systems for the detection and identification of microorganisms while they grow in culture. The company's unique patented metabolomic signature technology leverages a low-cost printed chemical sensor array, enabling diagnostic products that simplify workflow and speed time-to-answer at low cost. Specific Technologies is located in Mountain View, California. For more information, visit specifictechnologies.net.

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