

Leading Scientific Experts in Food Safety, Plant Safety and Infectious Diseases Join Bio Tech Leader PathSensors' Advisory Board

Top Scientists To Guide Company's Development of Bio Sensor Solutions for Medical, Bio-Security, Plant Safety and Food Safety

Baltimore, Maryland ([PRWEB](#)) September 27, 2016 -- Bio tech firm, PathSensors, Inc., announced that four internationally respected scientists – Dr. Beth Carroll, Ph.D., Dr. Jacqueline Fletcher, Ph.D, Dr. Florian Krammer, Ph.D., and Dr. Maria Ma, Ph.D. – have joined the PathSensor's Scientific Advisory Board (SAB). The new members join current SAB members, Dr. Andrew Flannery, Ph.D., Donald Grim, Dr. Gregory Lamka, Ph.D. and Dr. Paul Silber, Ph.D. PathSensor's Scientific Advisory Board helps guide the company's strategic research and development efforts and links PathSensor's work to the global scientific community and bio-tech industry.

“We're honored to have Beth, Jacqueline, Florian and Maria join the PathSensor's team. They bring an extraordinary record of scientific accomplishment and expertise, as well as a remarkable combination of academic and industry experience,” commented Ted Olsen, CEO of PathSensors, Inc. Mr. Olsen continued: “Their advice will be invaluable as we continue to develop and commercialize bio-tech solutions for the most challenging problems in food and plant safety, infectious diseases, medical counter measures and bio-security.”

New Scientific Advisory Board Member Biographies

Dr. Beth Carroll, Ph.D. Dr. Carroll has most recently served as Senior Stewardship Manager at Syngenta. Prior to that she was manager Food Quality and IPM initiative at Novartis Crop Protection and Manager, Study Resource at CIBA Crop Protection / Novartis Crop Protection. Dr. Carroll has a deep experience base in agricultural production, EPA and USDA regulations, and agricultural policy especially in relation to interpretation of pesticide policy, risk assessments, and regulations with potential to affect growers, packers & processors. Specialties include Plant Pathology; Horticultural Science & Food Microbiology; Agricultural Regulations & Policy. Dr. Carroll is an alumni of North Carolina State University where she earned a Bachelors degree in Horticultural Science, Masters degree in Food Sciences and a Ph.D. in Plant Pathology.

Dr. Jacqueline Fletcher, Ph.D. Dr. Fletcher is a 32 year member of the faculty of the Oklahoma State University Department of Plant Pathology, where she most recently held the title of Sarkeys Distinguished Professor. Dr. Fletcher's team at OSU is recognized internationally for their work on the molecular biology, genetics, and hostK pathogen interactions of plant pathogenic bacteria known as phytoplasmas. Dr. Fletcher is also the director of the National Institute of Microbial Forensics and Food and Agricultural Biosecurity (NIMFFAB) and has served on the American Phytopathological Society Council for 10 years, including four years as president. Dr. Fletcher holds a BS in Biology from Emory University, an MS in Botany from the University of Montana, Missoula, and a Ph.D. in Plant Pathology from Texas A&M University.

Dr. Florian Krammer. Dr. Krammer is an Assistant Professor in the Department of Microbiology at The Icahn School of Medicine at Mount Sinai Hospital. The Krammer laboratory studies cross-reactive antibody responses to the surface glycoproteins of antigenically variable RNA viruses. Our main focus is on influenza viruses, but we are also interested in antibody responses to hantaviruses, filoviruses, and other emerging RNA viruses. Work done in the laboratory includes the expression and characterization of viral glycoproteins, generation of glycoprotein-directed monoclonal antibodies, and the characterization of the interaction between antibodies and surface glycoproteins; we are specifically interested in analyzing conserved epitopes and –

through detailed studies – aim to elucidate the mechanisms by which these antibodies protect the host from viral infection and disease. The final goal is to translate these findings into novel vaccines and therapeutics.

Dr. Li Maria Ma, Ph.D. Dr. Li Maria Ma is an Associate Professor in food safety and biosecurity at the National Institute for Microbial Forensics & Food and Agricultural Biosecurity (NIMFFAB) at Oklahoma State University (OSU). She received her B. S. in Food Engineering from Dalian Polytechnic University, P. R. China, and Ph. D. in Food Microbiology from Purdue University. Dr. Ma has over 20 years of working experience with a variety of foodborne pathogens including Shiga toxin-producing E. coli, Salmonella, Shigella, Listeria monocytogenes, Campylobacter jejuni, and Clostridium botulinum. Her current research areas include the development of rapid molecular detection and DNA fingerprinting methods for foodborne pathogens, ecological studies of foodborne pathogens in plant/animal environments through conventional and metagenomic & meta-transcriptomic approaches, and development of novel control measures against foodborne pathogen contamination of foods. She has published over 30 peer-reviewed scientific articles and holds 3 U. S. patents. Dr. Ma currently also serves as the president for the Oklahoma Association for Food Protection (OKAFP), an affiliate of the International Association for Food Protection (IAFP).



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