

GUILLERMO TELLEZ-ISAIAS

DVM, MS, PhD

Founder, Gut Health LLC

Veterinary microbiologist | Poultry gut health and microbiome scientist | Inventor | Scientific advisor

EXECUTIVE BIO

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Guillermo Tellez-Isaias, DVM, MS, PhD, is an internationally recognized veterinary microbiologist, entrepreneur, inventor, and scientific advisor with more than four decades of work in poultry health, microbiology, and applied immunology. His research has focused on practical, science-based approaches to gut health and disease control in commercial poultry, with particular attention to Salmonella and Campylobacter reduction, probiotics and direct-fed microbials, mucosal immunity, intestinal integrity, microbiome dynamics, and alternatives to antibiotics.

Dr. Tellez-Isaias held academic and research appointments at the National Autonomous University of Mexico (UNAM) and the University of Arkansas. At UNAM, he served as Professor and Head of the Department of Avian Medicine. He later served in the University of Arkansas Poultry Science Department as Visiting Professor from 2003 to 2019 and Research Professor from 2020 until his retirement in June 2024. Across these roles, he helped connect mechanistic research with challenge models, field validation, and interventions designed for commercial production.

His entrepreneurial work includes founding Sigrah-Zellet LLC, which was subsequently acquired through Pacific Vet Group by Novozymes, and Eco-Bio LLC (2015-2026). His translational contributions include technologies such as FloraMax B11, Norum, PerforMax Optimizer, and EarlyBird. His work is also represented in U.S. patent records covering probiotics, spore-forming bacteria, mucosal adjuvants, immune-response enhancement, and bacteriophage delivery.

His executive bio reports 372 peer-reviewed publications, 58 book chapters, 13 edited scientific books, more than 11,000 citations, an h-index of 63, and an i10-index of 166. His honors include the 2007 Federal Laboratory Consortium Excellence in Technology Transfer Award and the 2014 Poultry Science Association Frank Perdue Live Poultry Food Safety Award. He has presented poultry-health science to academic, professional, and industry audiences internationally.

Today, as Founder of Gut Health LLC, Dr. Tellez-Isaias advises animal-health companies on scientific strategy, product development, field validation, evidence interpretation, and the integration of gut-health technologies into commercial poultry systems. His work combines academic rigor with the practical judgment required to move research toward credible, production-relevant use.

CURRENT AFFILIATION

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