# America’s Best in Medicine Highlights Terry Guido: Lab Manager

## Advancing Neuropathology Research, Biospecimen Operations, and Biotechnology Innovation for Over Two Decades



**Pleasant Hill, California Sep 28, 2026 (Issuewire.com)** - Terry Guido is an accomplished Biospecimen Lab Manager with more than two decades of experience in biotechnology, laboratory operations, and neuropathology research. Recognized for her precision, operational leadership, and scientific rigor, Terry has played a key role in advancing laboratory systems that support both clinical and preclinical research.

Throughout her career, Terry has led cross-functional laboratory initiatives and ensured compliance with critical regulatory frameworks, including OSHA, Good Laboratory Practice (GLP), ISO standards, and Quality System Regulation (QSR). She has supported successful safety, quality, and regulatory audits while also implementing advanced laboratory instrumentation and developing efficient systems for biospecimen tracking, storage, and analysis. Her technical expertise includes immunohistochemistry, fluorescence microscopy, animal model characterization, and quantitative image analysis.

Terry's career foundation was built during nearly 21 years at Elan Pharmaceuticals, where she contributed significantly to medical technology and neuropathology research. Beginning in the histology laboratory services, she advanced into leadership roles as she became deeply involved in Alzheimer's disease research. She played an instrumental role in characterizing one of the earliest transgenic mouse models of Alzheimer's-like pathology (PDAPP), helping define disease onset, progression, and neuropathological markers critical to therapeutic development.

Her expertise in image analysis supported the quantification of pathological burden, including dystrophic neurites, contributing to efficacy studies, regulatory submissions, and peer-reviewed publications. Following the transition of Elan's Alzheimer's Immunotherapy Program to Janssen Alzheimer Immunotherapy Research and Development, Terry served in dual operational roles supporting both organizations. Her responsibilities included neuropathology operations, outsourcing strategy, contract management, and budget forecasting, contributing to the advancement and eventual commercialization of Alzheimer's immunotherapy research.

In addition to her technical contributions, Terry is widely recognized for her leadership, ethical integrity, and mentorship. She has managed vendor and CRO relationships, designed laboratory spaces, overseen equipment transfers and recalibrations, and maintained sample and reagent databases. As a member of laboratory safety committees and a mentor to junior scientists, she is known for balancing scientific excellence with operational efficiency. Her achievements have been honored with multiple Elan Awards of Excellence and the Janssen Encore Award for special achievement.

Holding a Master's Degree from the University of California, Davis, Terry Guido remains a respected leader in biotechnology, neuroscience research, and biospecimen operations. Through her continued contributions, she supports the advancement of scientific discovery and the development of the critical infrastructure that drives modern biomedical research worldwide.

**Learn more about Terry Guido:**

Through her America's Best in Medicine profile: https://americasbestinmedicine.com/connect/Terry-Guido

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Source : Terry Guido

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