Elanco is a global research-based company that develops and delivers product and services to enhance animal health and production. We value innovation, both in scientific research and daily operations, and strive to cultivate a collaborative work environment for more than 7,000 employees worldwide. Founded in 1954, Elanco is a division of Lilly. Our worldwide headquarters and research facilities are in Greenfield, Indiana.

Responsibilities: Elanco seeks a post-doctoral fellow to conduct research in the area of Physical Activity-Related Response Assessment in Companion Animals. The candidate will perform research on statistical and computational methods, algorithms, strategies and experimental designs related to pain assessment and other therapeutic-targeted responses measured in companion animals using physical-activity based devices and biomarkers. Methodologies will be developed specifically for longitudinal studies involving automatic electronic recording accelerometers. The Fellow will be mentored by a team of senior Elanco and university statistical and veterinary scientists.

Key Leadership Responsibilities
- Proactively search for solutions.
Identify and utilize methods to deliver objectives in a high quality, timely, cost-effective manner.
Collaborate across disciplines with both internal and external academic colleagues.

Key Technical Responsibilities
- Design and oversee the conduct of in-life animal studies in dogs and cats in laboratory and client-owned settings.
- Collect and manage appropriate research data.
- Develop novel statistical and computational techniques for interpretation and inference as applied to comparative veterinary clinical trials.

Basic Qualifications
- Recent Ph.D. degree in Statistics, Biostatistics, Veterinary Science, or related field.
- At least 1 year of experience in statistical methods research (which may include dissertation activity) as evidenced by publications in peer-reviewed journals.
- Programming experience including SAS and R.
- Qualified candidates must be legally authorized to be employed in the United States. Lilly does not anticipate providing sponsorship for employment visa status (e.g., H-1B or TN status) for this employment position.

Additional Skills/Preferences
- Experience in clinical trials.
- Experience in comparative pain research.
- Experience in pharmaceutical Research & Development.
- English speaking with good spoken and written communication skills

Additional Information
- The position will be of two years duration with potential for a third-year appointment.
• Travel to clinical sites will be required (10-25%).
• This position is not permanent. It is for a fixed duration of two years with potential to extend annually for up to 4 years.
• Lilly is an EEO/Affirmative Action Employer and does not discriminate on the basis of age, race, color, religion, gender, sexual orientation, gender identity, gender expression, national origin, protected veteran status, disability or any other legally protected status.