

Lea Ann Dailey

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Research Interests

Our research is centered on the biopharmaceutical characterisation of innovative drug products, with a focus on nanomedicines and nanodiagnostics. We have expertise spanning pre-formulation studies of new chemical entities and formulation design through to pharmacokinetics and acute toxicology testing in preclinical rodent models. One of our main areas of interest lies in the development of inhaled medicines, where we focus on the biopharmaceutics of pulmonary delivery, including lung pharmacokinetics and toxicology of novel excipients following aerosol administration.

CV/ biography

Lea Ann Dailey is a pharmacist by training and completed her PhD at the Philipps University of Marburg, Germany, on the topic of biocompatibility testing of polymeric nanoparticles for the controlled release of drugs in the lung. She continued working in the field of formulation science for inhalation therapies at Nektar Therapeutics (now Novartis, San Carlos, CA, USA), followed by positions at King's College London, UK, the Martin Luther University Halle-Wittenberg, Germany, and the University of Vienna.

CV/ biography

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