



EINLADUNG

zum
virtuellen Vortrag
von

Prof. Dr. Lea Ann Dailey

Universität Wien, Department für Pharmazeutische Wissenschaften

Polymer nanoparticles: From the environment to medicine and then back again

am

Dienstag, 7. Dezember 2021, um 17:30 Uhr

Zoom link:

<https://tuwien.zoom.us/j/99795995758?pwd=b1I5WHdGcDZpeXIkUVIaWVvk5cG90dz09>

Meeting-ID: 997 9599 5758

Passwort: HQL5h50q

Abstract

Our lab has spent many years investigating polymers as drug carriers for therapeutic or diagnostic applications. Early in our research we adopted methodology developed by environmental toxicologists to assess the health impacts of polymeric nanomaterials in the body, especially in the lungs. This interdisciplinary approach has enriched our biomedical research but also posed interesting challenges. Currently, we are again working across disciplinary boundaries to generate nano- and microplastics with defined characteristics. These will be used in studies to understand the health impacts of environmental plastics.

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