Advanced Materials – Nanoscience and Advanced Materials Specialty Section SOT Perspective

ANSI-NSP Workshop
August 19-20, 2020

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- The SOT Nanotoxicology Specialty Section Changed Its Name to Nanoscience and Advanced Materials Specialty Section (NAMSS) in 2019 – The Initiative, Concerns, and Questions

    - Exposure to Nanomaterials, Materials that Incorporate Nanomaterials, and Process-Derived/Incidental Nanomaterials or Ultrafine Particles are Still the Major Focus of Current Research
    - Understanding the Relationship of Material Properties and Toxicity is a Critical Goal
    - In Vitro and In Vivo Approaches to Hazard Identification of New Materials Remain the Same
    - Needs
        - A clear definition of what constitutes an advanced material.
        - Do newly emerging materials have new material properties that need to be considered in relationship to toxicity?
        - What is the exposure of concern?

    - Recent Activity: NAMSS Virtual Symposium June 18, 2020. Toxicological Exposure and Risk Assessment of Emissions from 3D Printers – Chairs: Treye Thomas US CPSC and Yong Qian NIOSH