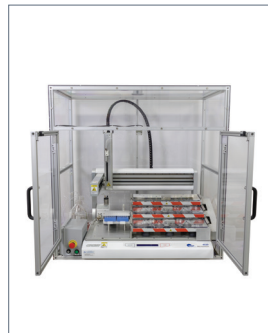


# Inhalation

www.inhalationmag.com

August 2018    Volume 12    Number 4



Cover image shows the NGI Assistant, which automates sample preparation when using the Next Generation Impactor™ (NGI) for measuring APSD, from MSP-A Division of TSI, 5910 Rice Creek Parkway, Suite 300, Shoreview, MN, 55126, US, Tel: +1 651 287-8100, www.mspscorp.com

## particle characterization

- 11 Progress in particle engineering science: Towards advanced dry powder inhalation systems  
*Sven Stegemann, Claire Tardy, Devon B. DuBose and David T. Vodak*
- 18 Issue focus: Particle characterization
- 20 Combined impactor and x-ray diffraction (XRPD) methodology for characterizing polymorph impurities in inhalation powders  
*Thomas Larsson, Kjell Jarring, Mårten Svensson, Peter Elfman, Andrea Fiedler and Mathias Kaesler*

## particle manufacturing

- 8 Special section: Particle manufacturing

## additional features

- 4 Cross-industry organizations: The Aerosol Society: DDL2018, student support and educational events
- 28 Back Page: School-based telemedicine combined with in-school care helped children manage asthma

## meetings

- 9 A preview of the 7th Medicon Valley Inhalation Symposium and Workshop
- 10 Previewing the Association of Inhalation Toxicologists 2018 Annual Meeting

## departments

- 6 Respiratory medicine news
- 26 Industry news
- 27 Calendar
- Cover 3 Literature review