

Particulate Processes in the Pharmaceutical Industry IV

Poster List

1. **Numerical analysis of particle-particle adhesion via dynamic liquid bridge**
Hiroyuki Kan, Osaka Prefecture University, Japan
2. **Study of formation mechanisms of pharmaceutical granules by spheronization**
Sergiy Antonyuk, Hamburg University of Technology, Germany
3. **Temperature distribution in material after the roll pressing**
Roman Fekete, Slovak University of Technology in Bratislava, Slovakia
4. **Interfacial mechanical strength of bilayer tablets: Effect of material elasticity and compaction pressure**
Harona Diarra, Université Paris Sud, France
5. **Comparison of different failure test for pharmaceutical tablets: Applicability of the Drucker-Prager failure criterion**
Harona Diarra, Université Paris Sud, France
6. **Particle breakage in a scirocco disperser**
Mojtaba Ghadiri, University of Leeds, United Kingdom
7. **High shear process of a paste extrusion**
Peter Peciar, Slovak University of Technology in Bratislava, Slovakia
8. **Enhanced dissolution of inhalable itraconazole hot melt extruded solid dispersions for the treatment of invasive pulmonary aspergillosis**
Chuanbin Wu, Sun Yat-Sen University, China
9. **Spray-dried mannitol-chitosan as blend carrier for dry powder inhalation**
Chuanbin Wu, Sun Yat-Sen University, China
10. **Exenatide loaded poly-lactide-co-glycolide microparticles as a novel pulmonary drug delivery system**
Chuanbin Wu, Sun Yat-Sen University, China
11. **Soluplus® as an effective supersaturation stabilizer of solid self-nanoemulsifying drug delivery system**
Chuanbin Wu, Sun Yat-Sen University, China
12. **Mapping density distributions of pharmaceutical compacts using terahertz pulsed imaging**
Jianyi Zhang & Chunlei Pei, University of Surrey, United Kingdom
13. **Scale-up of pharmaceutical granulation with respect to structure-dissolution relationships**
David Smrčka, Institute of Chemical Technology Prague, Czech Republic
14. **The impact of roll compaction on the properties of pharmaceutical granules**
Serena Schiano & Chuan-Yu Wu, University of Surrey, United Kingdom

15. **DEM Modelling of fragmentation of pharmaceutical ribbons during impact**
Simone Loreti & Chuan-Yu Wu, University of Surrey, United Kingdom
16. **Numerical analysis of contact electrification of elongated particles in a vibrating container**
Chunlei Pei, University of Surrey, United Kingdom
17. **The interdependency of material, process and equipment parameters for extrusion-spheronisation formulations**
Ahmad Albadarin, University of Limerick, Ireland
18. **A study on the effect of lubricants on the distribution of API in pharmaceutical formulae**
Ahmad Albadarin, University of Limerick, Ireland
19. **Investigation of the granular dispersion behaviour in a fluid bed rotor processor**
Stefan Heinrich, Hamburg University of Technology, Germany