

1. Sonia M. Razavi, James Scicolone, Ronald D. Snee, Ashish Kumar, Johny Bertels, Philippe Cappuyns, Ivo Van Assche, Alberto M. Cuitiño, Fernando Muzzio. ***Prediction of tablet weight variability in continuous manufacturing.*** *International Journal of Pharmaceutics*, Volume 575, 2020, 118727, ISSN 0378-5173, <https://doi.org/10.1016/j.ijpharm.2019.118727>.
2. Yu, J.; Xu, B.; Zhang, K.; Shi, C.; Zhang, Z.; Fu, J.; Qiao, Y. ***Using a Material Library to Understand the Impacts of Raw Material Properties on Ribbon Quality in Roll Compaction.*** *Pharmaceutics* 2019, 11, 662. <https://doi.org/10.3390/pharmaceutics11120662>.
3. Anssi-Pekka Karttunen, Håkan Wikström, Pirjo Tajarobi, Magnus Fransson, Anders Sparén, Mariagrazia Marucci, Jarkko Ketolainen, Staffan Folestad, Ossi Korhonen, Susanna Abrahmsén-Alami. ***Comparison between integrated continuous direct compression line and batch processing – The effect of raw material properties.*** *European Journal of Pharmaceutical Sciences*, Volume 133, 2019, Pages 40-53, ISSN 0928-0987, <https://doi.org/10.1016/j.ejps.2019.03.001>.
4. Yifan Wang, Thomas O'Connor, Tianyi Li, Muhammad Ashraf, Celia N. Cruz, ***Development and applications of a material library for pharmaceutical continuous manufacturing of solid dosage forms.*** *International Journal of Pharmaceutics*, Volume 569, 2019, 118551, ISSN 0378-5173, <https://doi.org/10.1016/j.ijpharm.2019.118551>.
5. B. Van Snick, A. Kumar, M. Verstraeten, K. Pandelaere, J. Dhondt, G. Di Pretoro, T. De Beer, C. Vervaet, V. Vanhoorne. ***Impact of material properties and process variables on the residence time distribution in twin screwfeeding equipment.*** *International Journal of Pharmaceutics*, Volume 556, 2019, Pages 200-216, ISSN 0378-5173, <https://doi.org/10.1016/j.ijpharm.2018.11.076>.
6. Peddapatla, R.V.G.; Sheridan, G.; Slevin, C.; Swaminathan, S.; Browning, I.; O'Reilly, C.; Worku, Z.A.; Egan, D.; Sheehan, S.; Crean, A.M. ***Process Model Approach to Predict Tablet Weight Variability for Direct Compression Formulations at Pilot and Production Scale.*** *Pharmaceutics* 2021, 13, 1033. <https://doi.org/10.3390/pharmaceutics13071033>.
7. F. Stauffer, V. Vanhoorne, G. Pilcer, Pierre-François Chavez, C. Vervaet, T. De Beer. ***Managing API raw material variability in a continuous manufacturing line – Prediction of process robustness.*** *International Journal of Pharmaceutics*, Volume 569, 2019, 118525, ISSN 0378-5173, <https://doi.org/10.1016/j.ijpharm.2019.118525>.
8. M. Sebastian Escotet-Espinoza, Sara Moghtadernejad, James Scicolone, Yifan Wang, Glinka Pereira, Elisabeth Schäfer, Tamas Vigh, Didier Klingeleers, Marianthi lerapetritou, Fernando J. Muzzio. ***Using a material property library to find surrogate materials for pharmaceutical process development.*** *Powder Technology*, Volume 339, 2018, Pages 659-676, ISSN 0032-5910, <https://doi.org/10.1016/j.powtec.2018.08.042>.
9. MaartenJaspers, Myrthe T.W. de Wit, Sri Sharath Kulkarni, Bernhard Meir, Pauline H.M. Janssen, Mara M.W. van Haandel, and Bastiaan H.J. Dickhoff. ***Impact of excipients on batch and continuous powder blending.*** *Powder Technology* 384, (2021): 195-199. doi: 10.1016/j.powtec.2021.02.014

10. Anssi-Pekka Karttunen, Håkan Wikström, Pirjo Tajarobi, Magnus Fransson, Anders Sparén, Mariagrazia Marucci, Jarkko Ketolainen, Staffan Folestad, Ossi Korhonen, Susanna Abrahmsén-Alami. **Comparison between integrated continuous direct compression line and batch processing – The effect of raw material properties.** *European Journal of Pharmaceutical Sciences*, Volume 133, 2019, Pages 40-53, ISSN 0928-0987, <https://doi.org/10.1016/j.ejps.2019.03.001>.
11. Ryoichi Furukawa, Ravendra Singh, Marianthi Ierapetritou. **Effect of material properties on the residence time distribution (RTD) of a tablet press feed frame.** *International Journal of Pharmaceutics*, Volume 591, 2020, 119961, ISSN 0378-5173, <https://doi.org/10.1016/j.ijpharm.2020.119961>.
12. M. Sebastian Escotet-Espinoza, Sara Moghtadernejad, Sarang Oka, Yifan Wang, Andres Roman-Ospino, Elisabeth Schäfer, Philippe Cappuyns, Ivo Van Assche, Mauricio Futran, Marianthi Ierapetritou, Fernando Muzzio. **Effect of tracer material properties on the residence time distribution (RTD) of continuous powder blending operations. Part I of II: Experimental evaluation.** *Powder Technology*, Volume 342, 2019, Pages 744-763, ISSN 0032-5910, <https://doi.org/10.1016/j.powtec.2018.10.040>.
13. N. Bostijn, J. Dhondt, A. Ryckaert, E. Szabó, W. Dhondt, B. Van Snick, V. Vanhoorne, C. Vervaet, T. De Beer. **A multivariate approach to predict the volumetric and gravimetric feeding behavior of a low feed rate feeder based on raw material properties.** *International Journal of Pharmaceutics*, Volume 557, 2019, Pages 342-353, ISSN 0378-5173, <https://doi.org/10.1016/j.ijpharm.2018.12.066>.
14. B. Bekaert, W. Grymonpré, A. Novikova, C. Vervaet, V. Vanhoorne. **Impact of blend properties and process variables on the blending performance.** *International Journal of Pharmaceutics*, Volume 613, 2022, 121421, ISSN 0378-5173, <https://doi.org/10.1016/j.ijpharm.2021.121421>.
15. B. Bekaert, B. Van Snick, K. Pandelaere, J. Dhondt, G. Di Pretoro, T. De Beer, C. Vervaet, V. Vanhoorne. **In-depth analysis of the long-term processability of materials during continuous feeding.** *International Journal of Pharmaceutics*, Volume 614, 2022, 121454, ISSN 0378-5173, <https://doi.org/10.1016/j.ijpharm.2022.121454>.
16. Carl Allenspach, Peter Timmins, Geoffroy Lumay, James Holman, Tamara Minko. **Loss-in-weight feeding, powder flow and electrostatic evaluation for direct compression hydroxypropyl methylcellulose (HPMC) to support continuous manufacturing.** *International Journal of Pharmaceutics*, Volume 596, 2021, 120259, ISSN 0378-5173, <https://doi.org/10.1016/j.ijpharm.2021.120259>.