



pharmaceutics

IMPACT
FACTOR
5.4

Indexed in:
PubMed

CITESCORE
6.9

Special Issue Reprint

Recent Advances in Secondary Processing of Pharmaceutical Powders

www.mdpi.com/books/reprint/9069

Edited by
Colin Hare

ISBN 978-3-7258-0678-2 (Hardback)

ISBN 978-3-7258-0677-5 (PDF)



Pharmaceuticals are becoming increasingly important in modern society. In most cases, active pharmaceutical ingredients (APIs) are formed through crystallisation but need to be combined with excipients to form a tablet, or with carriers to form an oral suspension. The formation of tablets requires several secondary processing steps, such as milling of the API and mixing with excipients (often involving granulation) before finally being tableted. Due to the differences in physical and mechanical properties that individual APIs and excipients exhibit, these secondary processing steps are often fraught with challenges. This Special Issue comprises 11 research articles and 1 review which outline the recent advances in secondary processing of pharmaceutical powders, and aims to enhance our understanding of powder behaviour and help us tackle these challenges. Through careful experimentation and the application of sophisticated computational techniques, the authors of these papers demonstrate advances in our understanding of many of the processing steps for pharmaceutical products. With this Special Issue, I hope to engage a broad readership in order to spark new ideas to further advance our knowledge of powder processing and to optimise production.



Order Your Print Copy
You can order print copies at
www.mdpi.com/books/reprint/9069

MDPI Books offers quality open access book publishing to promote the exchange of ideas and knowledge in a globalized world. MDPI Books encompasses all the benefits of open access – high availability and visibility, as well as wide and rapid dissemination. With MDPI Books, you can complement the digital version of your work with a high quality printed counterpart.



Open Access

Your scholarly work is accessible worldwide without any restrictions. All authors retain the copyright for their work distributed under the terms of the Creative Commons Attribution License.



Author Focus

Authors and editors profit from MDPI's over two decades of experience in open access publishing, our customized personal support throughout the entire publication process, and competitive processing charges as well as unique contributor discounts on book purchases.



High Quality & Rapid Publication

MDPI ensures a thorough review for all published items and provides a fast publication procedure. State-of-the-art research and time-sensitive topics are released with a minimum amount of delay.



High Visibility

Due to our global network and well-known channel partners, we ensure maximum visibility and broad dissemination. Title information of books is sent to international indexing databases and archives, such as the Directory of Open Access Books (DOAB), and the Verzeichnis Lieferbarer Bücher (VLB).



Print on Demand and Multiple Formats

MDPI Books are available for purchase and to read online at any time. Our print-on-demand service offers a sustainable, cost-effective and fast way to publish MDPI Books printed versions.