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Pillhun Son

American Chemical Society, USA

Excipient trend analysis utilizing a comprehensive information solution for formulations

CAS is developing an information solution exclusively to support formulations work. The simple user interface taps into an all new content database of formulations extracted from patents, journals and other literature types. These formulations have been curated and analyzed by humans and then heavily indexed for easy exploration. The complex relationships and functions of substances within formulations have been captured as well as characteristics, physical form, application technique, manufacturing process and experimental results of the formulations themselves. By exploring the components and characteristics of formulations, a vivid understanding of the marketplace can be obtained then refined to the specific information of interest. Trend analysis will be applied to excipient information to extract further insights on how formulations have been constructed over time and geography for various purposes and targets.

Biography

Pillhun Son has earned his PhD from Texas Tech University in Organic and Computational Chemistry and then moved on to work on Material Science and Physical Chemistry during his Post-doctorate. He has worked on several database building and information solution initiatives for CAS, including, CASREACT (CAS's premier reaction database) and the all new formulations information solution (set to launch mid 2017). Most recently, he has also achieved a MS in Information Systems from Northwestern University.

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Notes:

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