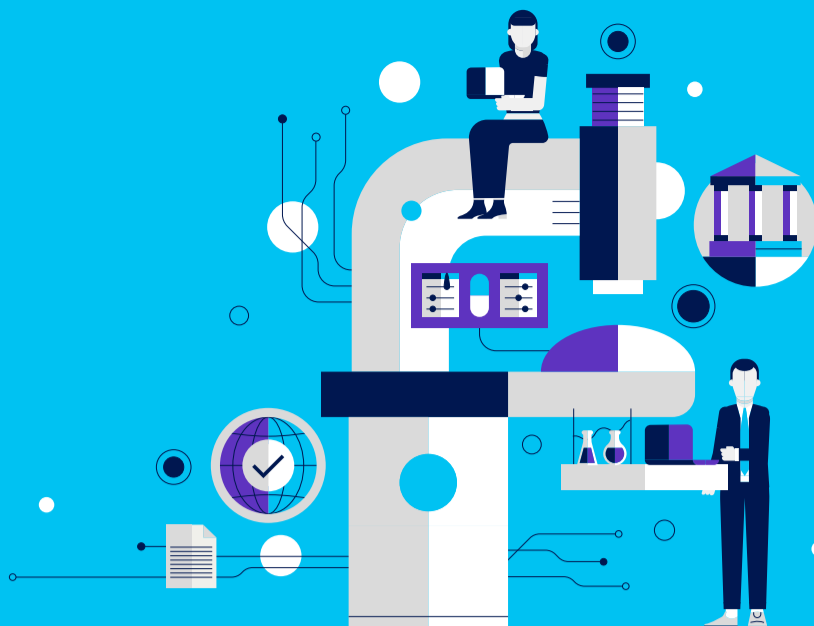


Developing a drug is difficult. Going to market shouldn't be.



50%
of first new drug applications filed between 2000 and 2012 were rejected¹

11.3%
of which were due to Chemistry & Manufacturing Controls (CMC) issues³

18.3%
of resubmitted applications were delayed due to CMC issues³



It takes **10 years** and **\$2.7B** to bring a drug from discovery to market^{1,2}

Why are there so many delayed timelines and additional costs due to CMC activities?

A lack of reliable, comprehensive and up-to-date information.

5% of all drugs are never approved due to unmet CMC requirements³

15.8% of total R&D expenditure is spent on CMC activities⁴

12-18 months to complete CMC activities⁵

Eliminate the risk of regulatory delays and rejections with Cortellis CMC Intelligence

130+
countries and organizations with CMC requirements *

All in English

All in one place

All when you need it



Learn more - or request a free demo today at: clarivate.com/cortelliscmc

¹ http://phrma-docs.phrma.org/sites/default/files/pdf/rd_brochure_022307.pdf

² <https://www.sciencedirect.com/science/article/abs/pii/S0167629616000291>

³ <https://jamanetwork.com/journals/jama/fullarticle/1817795>

⁴ 2019 CMR Factbook from Clarivate Analytics: Drawn from the 2018 R&D Investment Metrics Programme

⁵ <http://www.impactpharma.com/blog/planning-your-nda-or-bla-submission-its-more-than-a-gantt-chart/>

* At final content build by 2020