



Release notes for February 2021

Improved competitive intelligence thanks to major patent content expansion

Feedback from Reaxys users and the broader research community is important to our development plans. Patent searchability is a major area of interest to our users, especially those interested in competitive intelligence and novelty searching.

Therefore, throughout 2021, we are building on the wealth of searchable patent content in Reaxys to substantially improve the coverage, time-to-customer and discoverability of information in patents.

Tip: Use the recently upgraded email alerting capabilities of Reaxys to create alerts for important patent searches. This will make it even easier to keep on top of relevant new information.

The first release in the series helps users **stay up to date with the newest patent literature** in their field of interest. This content expansion covers 170 IPC classes relevant to chemical scientists and drug developers.

Users can now:

- Discover extensive **bibliographic information** for indexed patents from **105 offices** (e.g., using text-based searches for title, abstract, claim, author or inventor, or patent number)
- Easily search for primary **targets** (genes or proteins) thanks to deep indexing of targets, including synonyms, in patents from 12 key offices (WO, EP, US, CN, JP, KR, GB, DE, FR, TW, IN, CA)
- Discover more information from non-English language patents using text searches, thanks to translations of titles, abstracts and claims
- Find patents in Reaxys **within 5 days** of their publication

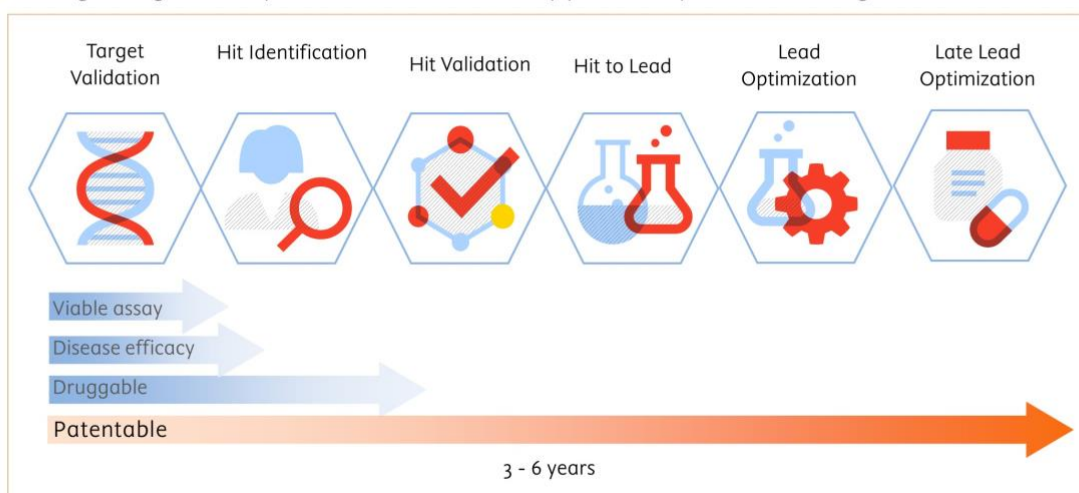
This first phase of the release focuses on forward flow of patent content. All new patents published by the 105 patent offices after January 28, 2021 will be discoverable within 5 days of publication. Please see the section *What's next?* for the plans for indexing older content.

For drug discovery customers, this first release means more extensive **competitive intelligence** searching of **biological targets**, with particular focus on **target validation**. User can easily discover relevant insights for ongoing projects from newly published patents, answering questions such as:

- What are the latest patents published for a given target?
- Are any new competitors publishing on the same target?
- How far advanced are the known competitors?

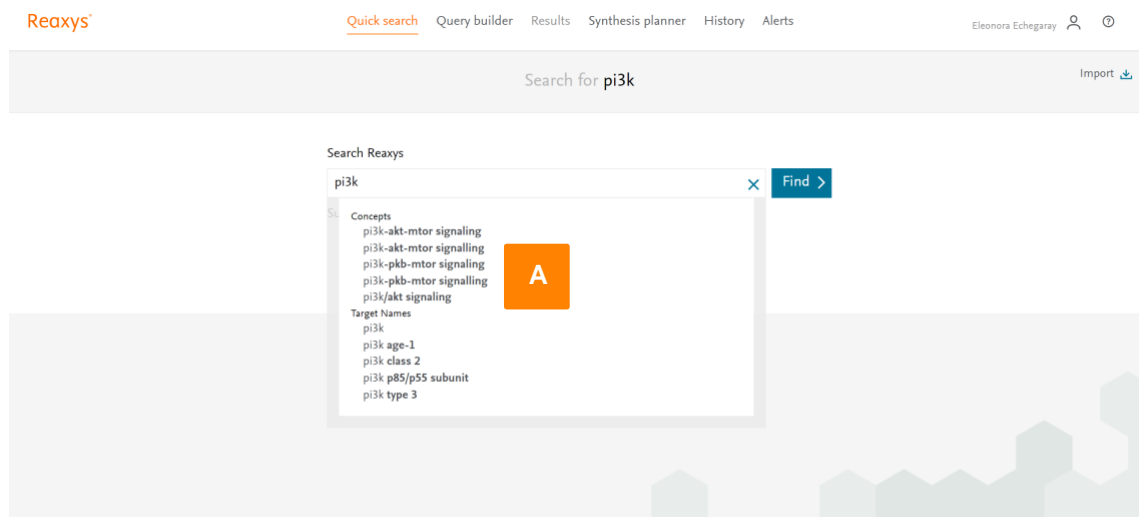
Competitive intelligence for a biological target

Strategic insights: Comprehensive review of newly published patents on a target of interest

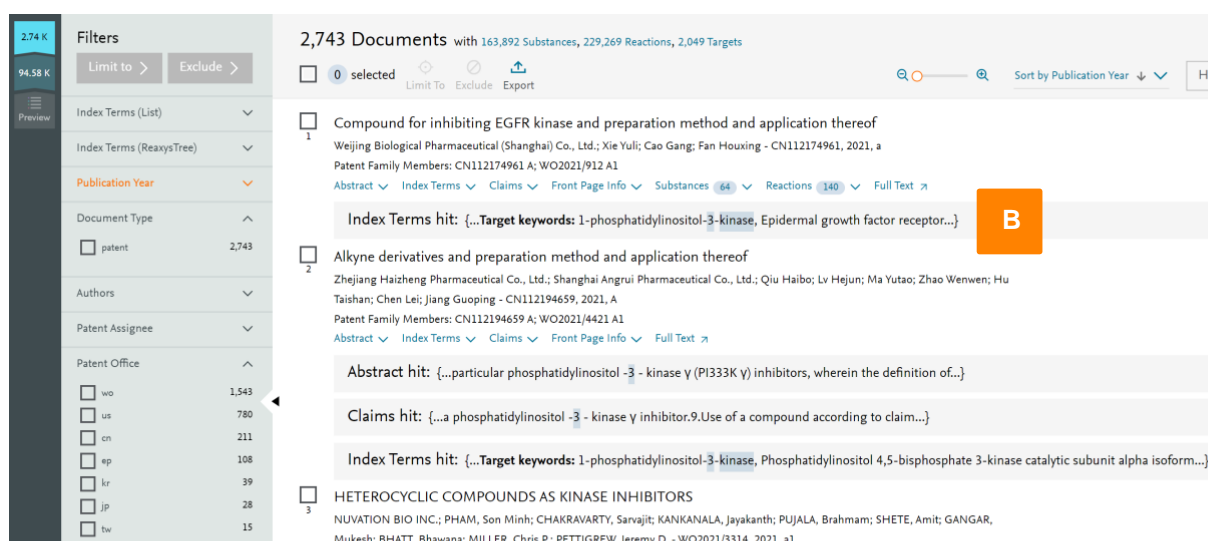


Users will also find improved searching and filtering thanks to these new features:

- *Autosuggest for target names (A)* for easier selection of appropriate target keyword terms



- Addition of *Target keyword (B)* information within the *Index terms* of Document results, making it easier to:
 - Review what other targets were deemed as highly relevant to the patent
 - Create new searches for target keywords of interest



- Inclusion of *Patent Office* (C) and *Manually processed content only* (D) to improve refinement of Document results and home in on the information that is most relevant to your research

The screenshot displays the Reaxys search interface. On the left, a 'Filters' sidebar includes sections for 'Index Terms (List)', 'Index Terms (ReaxysTree)', 'Publication Year', 'Document Type', 'Authors', 'Patent Assignee', 'Patent Office' (marked with an orange 'C'), and 'Manually processed content only' (marked with an orange 'D'). The 'Patent Office' section lists various countries with counts: wo (1,470), us (779), cn (183), ep (104), kr (26), jp (25), and tw (11). The main area shows '95,513 Documents' with 197,074 Substances, 297,220 Reactions, and 4,681 Targets. Below this, three document results are shown, each with an 'Abstract hit' and 'Index Terms hit' summary. The first result is 'RAS ubiquitylation modulates effector interactions' by Thurman, Ryan; Siraliev-Perez, Edhriz; Campbell, Sharon L. [Small GTPases, 2020, vol. 11, # 3, p. 180 - 185]. The second is 'Modulation of brain insulin signaling in Alzheimer's disease: New insight on the protective role of green coffee bean extract' by Mohamed, Hoda E.; Asker, Mervat E.; Younis, Nahla N.; Shaheen, Mohamed A.; Eissa, Rana G. [Nutritional Neuroscience, 2020, vol. 23, # 1, p. 27 - 36]. The third is 'Genomic Characterization of Testicular Germ Cell Tumors Relapsing After Chemotherapy' by Necchi, Andrea; Bratslavsky, Gennady; Corona, Robert J.; Chung, Jon H.; Millis, Sherri Z.; Elvin, Julia A.; Vergilio, Jo-Anne; (...) Gay, Laurie M.; Ross, Jeffrey S. [European Urology Focus, 2020, vol. 6, # 1, p. 122 - 130]. The fourth result is 'LAMA5 promotes human umbilical vein endothelial cells migration, proliferation, and angiogenesis and is decreased in preeclampsia' by Zhang, Xuemei; Li, Qin; Jiang, Wei; Xiong, Xi; Li, Haiying; Zhao, Jianlin; Qi, Hongbo [Journal of Maternal-Fetal and Neonatal Medicine, 2020, vol. 33, # 7, p. 1114 - 1124].

What's next?

There will be a series of patent content releases in 2021, with work focusing on:

- Processing older **backfile** patent content (from c. 2000 on) to add bibliographic and target (gene/protein) information from patents from the most important offices, thus providing users with an extensive overview of historical information
- Improving novelty search capabilities thanks to substance extraction from an extended set of patent content

For more information, see the [FAQ](#) and [roadmap for 2021](#).