



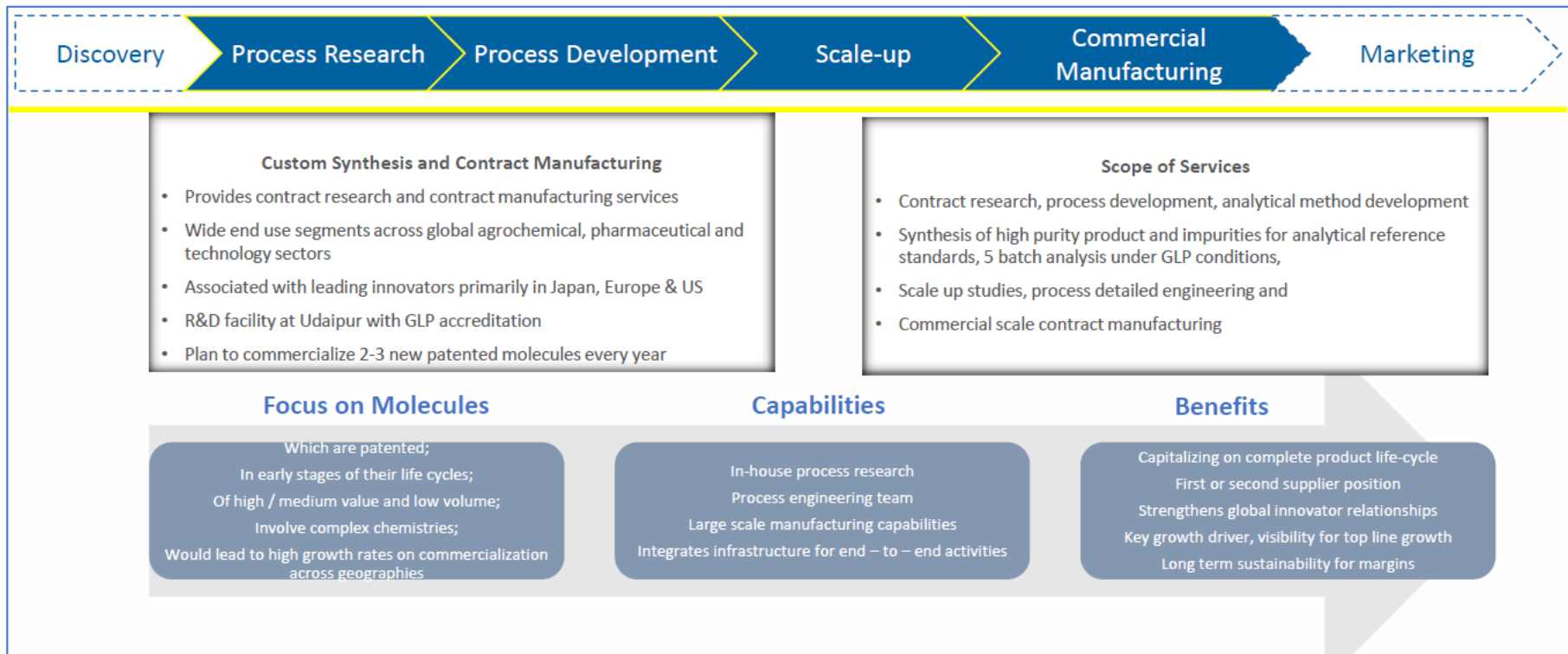
ScienceDirect Search Capabilities - Accelerating Research at PI Industries

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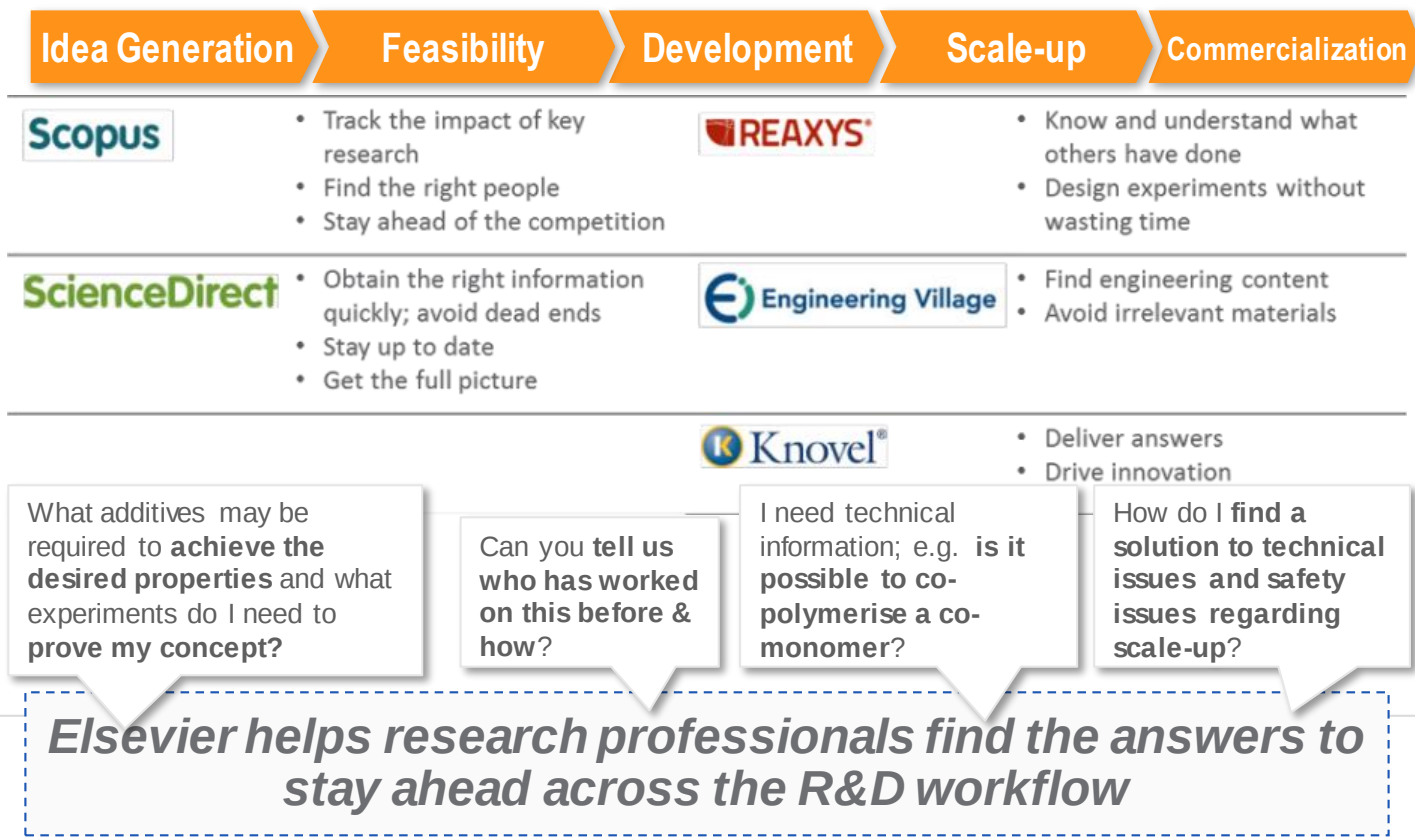
25th September 2020



I WAS JUST READING ABOUT PI INDUSTRIES AND I FOUND THIS!



ELSEVIER SUPPORTS PROFESSIONALS ACROSS ALL THE R&D WORKFLOW STAGES



Let's take an example – a quick research/ scientific Issue

Job Title / Industry – Researcher, Analytical Team, Creative Agro Chem Group

Challenge/ issue – How to make a molecule more safe, making structural changes as per the permissible guidelines. Agro chemicals committee which provide listing of various molecules and cluster of molecules on which they can work upon, identifying their core structures and understanding their definite mode of action.

What makes his team believe in this issue – Identification, quantification, and control of **various components** as it influences efficacy and safety. Takes long time and failure also is received at times

What Specific Capabilities he is looking for - Find **current publishing trends and key papers** for routine challenges in analytical method development, process chemistry, toxicological studies. Developing/ Using new technologies. Collecting literature for significant number of compounds. Knowing research in different products

Value he wants to derive – Making product more **effective and safe**. **Quick clearance of process and long term achievement of goals**. Understanding the **potential and limitations of the new product development project**, understanding the **risk of a agro chemical product**. **New product line = more profits and revenues**. **Enhancing market capture**

Critical Timeline – As early as possible to make process more profitable and fast **because development of a single product takes time**.

Finding answers in 1 click - ScienceDirect

- Literature discovery – 5403 documents
- Future research information very well in advance
- Tracking the trend of research on the given topic
- Content type
- Top Journals to publish in

The screenshot shows the ScienceDirect search results page. At the top, the ScienceDirect logo is on the left, and 'Journals &' is on the right. The search bar contains the text 'synthetic approaches AND new agrochemicals'. Below the search bar, it says 'Find articles with these terms' and 'Advanced search'. The results section shows '5,403 results'. There are links for 'Set search alert', 'Download selected articles', and 'Export'. A 'Refine by' section is visible, with options for 'Subscribed journals' and 'Years' (2021 (19), 2020 (620), 2019 (504)). Below this, there is an 'Article type' section with checkboxes for 'Review articles (1,011)' and 'Research articles (2,236)'. A 'Publication title' section lists various journals with their respective article counts: Tetrahedron (311), Tetrahedron Letters (270), Journal of Chromatography A (229), Journal of Fluorine Chemistry (97), Science of The Total Environment (90), Journal of Cleaner Production (59), Tetrahedron: Asymmetry (57), Biotechnology Advances (52), TrAC Trends in Analytical Chemistry (52), and Crop Protection (46). A red arrow points from the '5,403 results' text to the 'Literature discovery – 5403 documents' bullet point. Another red arrow points from the 'Refine by' section to the 'Tracking the trend of research on the given topic' bullet point. A third red arrow points from the 'Article type' section to the 'Content type' bullet point. A fourth red arrow points from the 'Publication title' section to the 'Top Journals to publish in' bullet point.

ScienceDirect Journals &

Find articles with these terms
synthetic approaches AND new agrochemicals

Advanced search

5,403 results

Set search alert

Download selected articles Export

Refine by:

Subscribed journals

Years

2021 (19)
2020 (620)
2019 (504)
Show more

Article type

Review articles (1,011)
Research articles (2,236)

Publication title

Tetrahedron (311)
Tetrahedron Letters (270)
Journal of Chromatography A (229)
Journal of Fluorine Chemistry (97)
Science of The Total Environment (90)
Journal of Cleaner Production (59)
Tetrahedron: Asymmetry (57)
Biotechnology Advances (52)
TrAC Trends in Analytical Chemistry (52)
Crop Protection (46)

Article type

- ☐ Review articles (1,011)
- ☐ Research articles (2,236)
- ☐ Encyclopedia (308)
- ☐ Book chapters (978)
- ☒ Conference abstracts (49)
- ☐ Book reviews (35)
- ☐ Case reports (1)
- ☐ Conference info (9)
- ☐ Data articles (3)
- ☐ Discussion (26)
- ☐ Editorials (34)
- ☐ Errata (2)
- ☐ Mini reviews (39)
- ☐ News (10)
- ☐ Patent reports (2)
- ☐ Product reviews (1)
- ☐ Short communications (325)
- ☐ Other (334)

ScienceDirect is helping PI Industries to understand and remain aware of developments impacting your field or a particular molecule / chemical entity by helping you more effectively and efficiently search authoritative, full-text scientific, technical content through the use of smart, intuitive functionality.

What a researcher really needs:

What research exists to inform my work?

Is there research available in other disciplines that could inform my work?

Who else is working in this area?

What are the experimental steps involved ?

Possible utility:



Assess opportunities;
Advance or stop projects

Competitive intelligence



Find partners / collaborators



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Finding Trends and hot topics using Article page

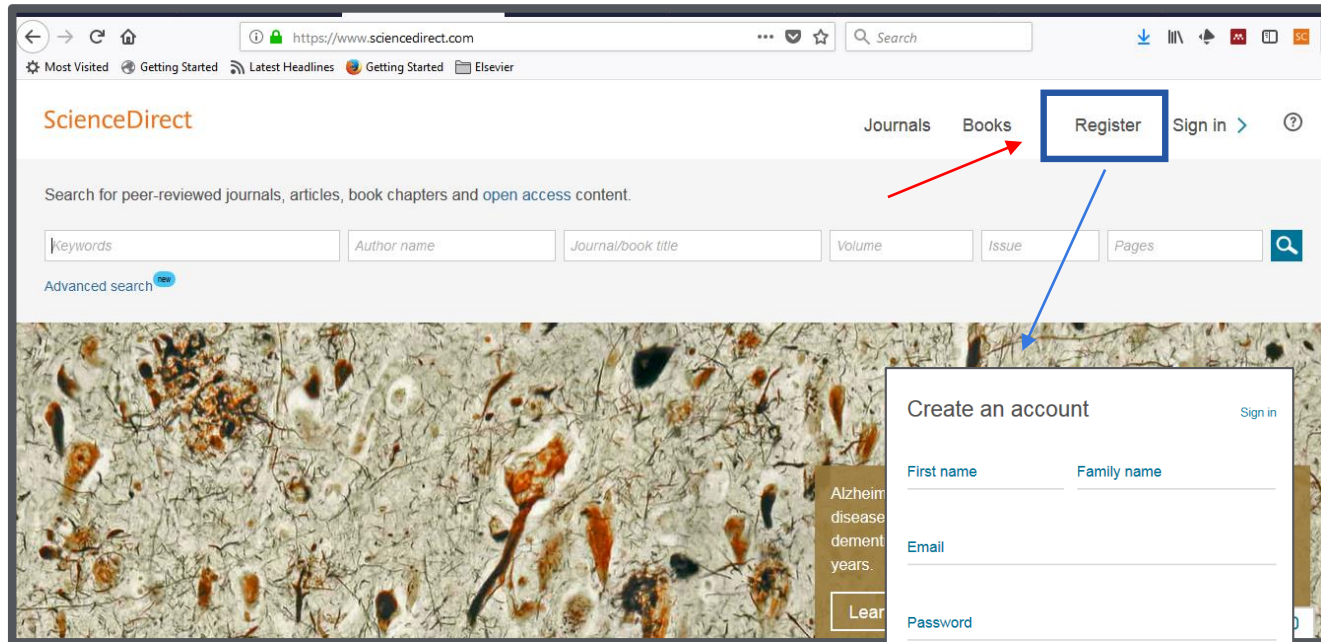
Q & A



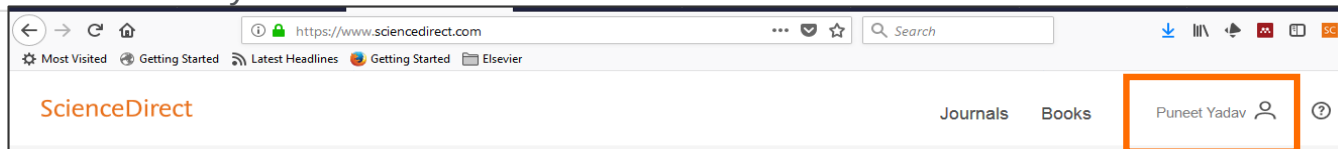
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Critical Reviews in Oncology/Hematology

Volume 57, Issue 3, March 2006, Pages 265-273



Fulvestrant ('Faslodex'): Current and future role in breast cancer management

Anthony Howell

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<https://doi.org/10.1016/j.critrevonc.2005.08.001>

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Abstract

Fulvestrant ('Faslodex') is a new type of estrogen receptor antagonist with no

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The screenshot shows the ScienceDirect search interface. At the top left is the 'ScienceDirect' logo. To the right are links for 'Journals' and 'Books', and a user profile for 'Jennifer van den Brink' with a help icon. Below this is a search bar with the text 'Search for peer-reviewed journals, articles, book chapters and open access content.' The search bar contains several input fields: 'Keywords', 'Author name', 'Journal/book title', 'Volume', 'Issue', and 'Pages'. A magnifying glass icon is on the right side of the search bar. Below the search bar is a link for 'Advanced search'.

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☐ Book reviews	☐ Examinations	☐ Software publications
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Search Q

Our Advanced Search supports:

- ✓ Boolean operators including:
AND, OR, AND NOT, NOT (-),
- ✓ Nested clauses using parenthesis,
for example:

((("heart attack" OR "myocardial infarction" OR cardiac) AND diabetes) OR ischemia)



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THANK YOU FOR PARTICIPATION

