Springer – Driving academic publishing since 1842

Commemorating Julius Springer’s passion for chess, the knight chess piece – Springer in German – was the natural choice for the company logo. Over the years, the logo changed with the company.
About Springer Nature


• The company numbers almost 13,000 staff in over 50 countries

• A leading global research, educational and professional publisher, home to an array of respected and trusted brands providing quality content through a range of innovative products and services

• The world’s largest academic book publisher, publisher of the world’s most influential journals and a pioneer in the field of open research
Our simple ambition

To help researchers, students, teachers and professionals to learn, discover and achieve more
12 ways we are helping researchers to advance discovery

1. Speeding up submission
2. Improving research integrity
3. Creating a better peer review process
4. Increasing the reach and influence of research
5. Connecting the community with the most relevant content
6. Making research more accessible
7. Building the world’s most significant QA portfolio
8. Leading the way on open data policy
9. Pioneering new open approaches
10. Increasing data discovery and re-use
11. Providing tailored training and career support
12. Advancing the evaluation of research

- Improving the publishing process
- Innovating across science communications
- Driving the development of open research
- Finding new ways to add value
Pioneering new open approaches

- One pioneering new approach to open is Springer Nature SciGraph – a Linked Open Data (LOD) platform that aggregates data sources from Springer Nature and cooperating partners, making it easier to analyse information related to Springer Nature publications. SciGraph collates information from across the research landscape, such as funders, research projects and grants, conferences, affiliations, and publications. Currently the knowledge graph contains 155 million facts about objects of interest to the scholarly domain
Chemical Information @ Springer Nature so far (examples)
From Publishing Chemistry to Managing Knowledge
Examples of Data on SciGraph
Chemical Entity Recognition and Annotation

Authors

Springer

BioMed Central

nature research

Author-supplied Chemical Metadata

Manual Indexing

InfoChem

IC ANNOTATOR

PubChem Structure Search

NCBI

SciGraph
A Phase II trial of 17-17-demethoxygeldanamycin in patients with metastatic melanoma: preliminary results of a randomized study comparing pattern recognition receptors in cancer immunotherapy

Title

Targeting pattern recognition receptors in cancer immunotherapy

Nadège Goudagné, Yann Estomé, Uma Hasan, Serge Lobèveque, Christophe Caux

Abstract

Pattern-recognition receptors (PRRs) are known for many years for their role in the recognition of microbial products and the subsequent activation of the immune system. The 2011 Nobel Prize for medicine indeed rewarded J. Hoffman, B. Beutler, and R. Steinman for their revolutionary findings concerning the activation of the immune system, thus stressing the significance of understanding the mechanisms of activation of the innate immunity. Such immunostimulatory activities are of major interest with the context of cancer to induce long-term antitumor responses. Ligands for the toll-like receptors (TLRs), a well-known family of PPRs, have shown to have antitumor activities in...
A quick word about InfoChem

• **InfoChem** is a subsidiary of **Springer Nature** working in the field of ChemInformatics

• A leading force in retrieval and handling of chemical structures and reactions with more than 20 years of experience

• InfoChem contributes to the extension of InChI for chemical reactions

• Join the RInChI discussion on Thursday morning
My Question to the Audience:

Which use cases do you foresee for linking our (meta-)data to your data?
Thank you

Steffen Pauly

Editorial Director Chemistry
Springer
Tiergartenstrasse 17, 69121 Heidelberg, Germany
T +49 6221 487 8673
steffen.pauly@springer.com
http://www.springer.com/gp/chemistry
Follow us on LinkedIn: Chemistry@Springer
Follow us on Twitter: @Springer_Chem