

EBSCO

Nordic EBSCO Systems
User Group Meeting
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Ingolf Kaspar

Director of Sales

Gareth Smith

VP of Sales

AGENDA

- 1..... EBSCO & Linked Data
- 2..... EBSCO Knowledge Graph Survey

EBSCO & Linked Data

- Ashleigh Faith leads a team in EBSCO product management looking at improved search capabilities through linked data technology
- Ashleigh presented in Sweden at “Temadag om länkad data och metadata” – review her presentation on https://www.ub.lu.se/sites/ub.prodwebb.lu.se/files/ashleigh_faiths_presentation.pdf
- Ashleigh introduced her pilot work of the “EBSCO knowledge graph”, which allows students and researchers a visual approach to research topics, and seeks to improve search performance through linked vocabularies



EBSCO Knowledge Graph

Background:

Knowledge graphs, a form of **linked data**, have a track record of improving user satisfaction of library search by over **40%**

Knowledge graphs can be used for:

- bibliographic exploration of similar content
- business intelligence investigation
- semantic search

Existing Knowledge graph software solutions are typically in English and few other languages.



EBSCO Knowledge Graph

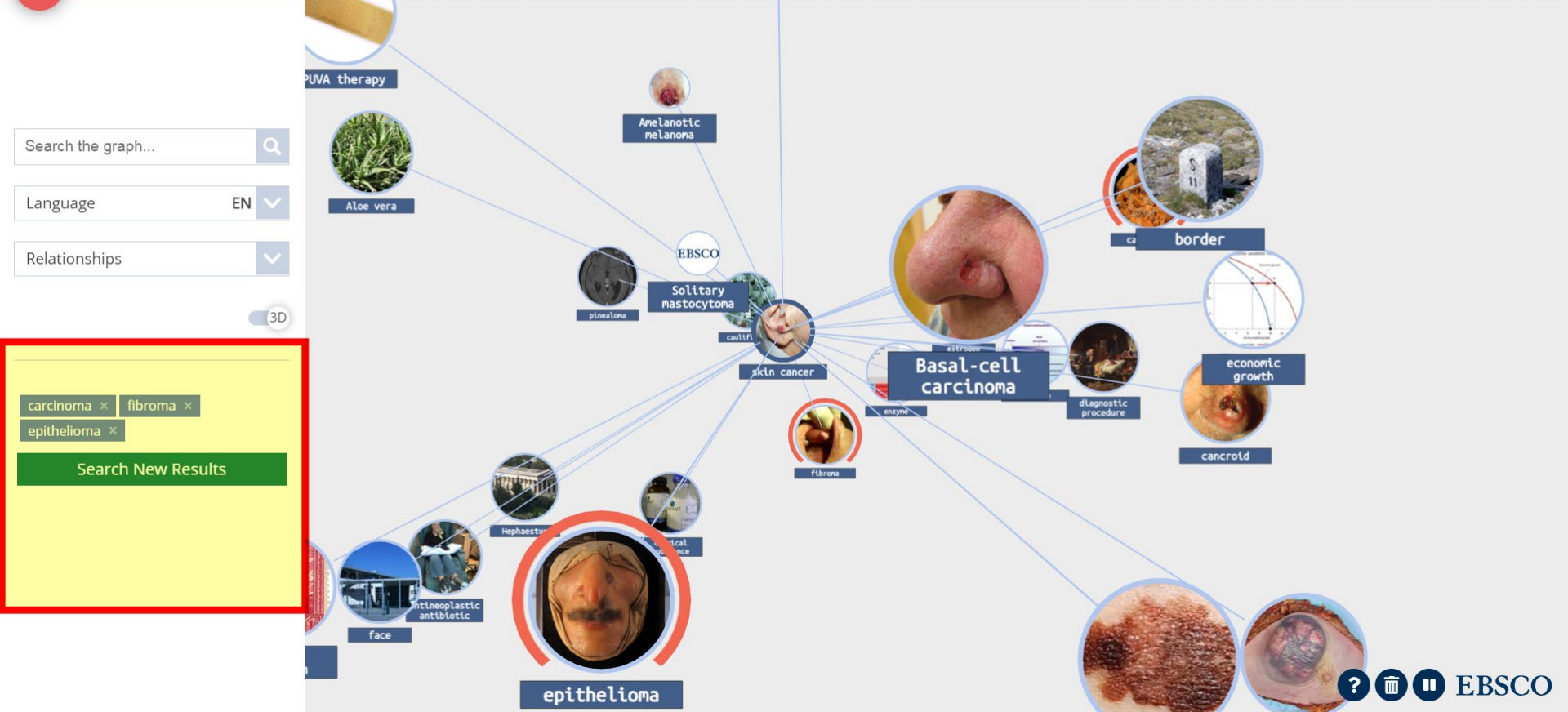
- EBSCO Knowledge Graph (*working name*) is built off of the ESP (Enhanced Subject Precision) subject index that EBSCO built from its own taxonomy as well as 29 other major publisher vocabularies
- Expanded into over **280 languages** and dialects, these are not translations, but native speakers
- Interactive **visual UI** allows customers to browse and discover more subject terms, in multiple languages, to apply to their EDS search as well as discovering relationships between subjects
- For customers, KG boosts **information literacy**, **query expansion**, and helps **visual learners interact** with our largely text-based EDS product



EBSCO Knowledge Graph pilot

The screenshot shows the EBSCO Knowledge Graph pilot interface. At the top, the browser address bar displays `eds.b.ebscohost.com/eds/results`. The main navigation bar includes "New Search", "Multimedia", "Sign In", "Folder", "Preferences", "Language", "Help", and "Exit". The search bar contains the keyword "skin cancer" and a "Search" button. To the right of the search bar is a link labeled "Explore Linked Topics >". A red arrow points from a yellow callout box to this link. The callout box contains the text: "From a Discovery search, user follows link to explore topics in Knowledge Graph". Below the search bar, the "Explore Linked Topics" modal window is open, showing a "Choose Topic:" section with two input fields: "skin cancer" and "equine sarcoid". The background shows search results for "skin cancer", including a list of results and a "Refine Results" sidebar on the left.

EBSCO Knowledge Graph pilot



Search the graph...

Language EN

Relationships

3D

carcinoma x fibroma x
epithelioma x

Search New Results

EBSCO Knowledge Graph pilot

Go live, try it out!

For access details, see invitation email.

We would like to receive your feedback by 31.05.2019



We want your feedback!

Feedback we are looking for:

- Bugs
 - E.g. zero result searches, wrong relationships, wrong labels
 - Interface issues
- Use cases: how would you use Knowledge Graph?
- What do you like about the Knowledge Graph?
- What would you improve about the Knowledge Graph?

