Welcome

to

Quertle

Find What Matters™
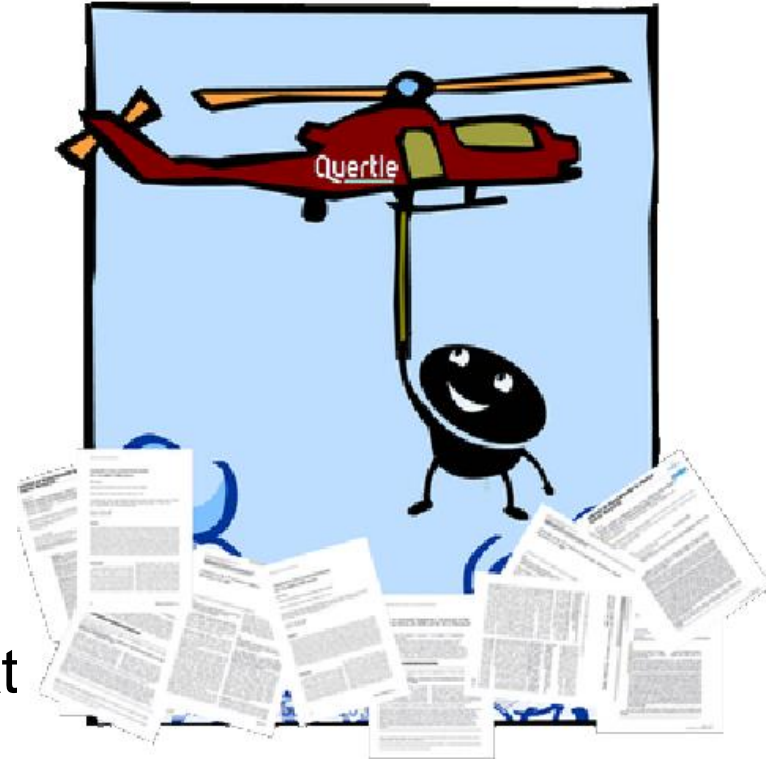
Outline

- Introduction to Quertle

- When to Use Quertle

- Sometimes a search gives so many results that it is nearly impossible to find what really matters

Gulp!

  – Too many irrelevant results
  – Too hard to explore the sheer numbers

- Relationship-based searching
  - Query terms tied together in a meaningful way

- Intuitive exploration
  - Highlighting in context
  - Dynamic filters
  - Automatic identification of Key Concepts

Quertle Basics

- Content
  - Journal articles
    - All of PubMed plus about 2.5M articles as full-text
  - NIH Grant Applications
  - TOXLINE
  - Curated Biomedical News

- Quertle can connect to your link resolver

- Free

Use Quertle When…

- You are looking for a relationship among your search terms
  - That is, where the author has stated a meaningful connection
  - Not that the document simply contains those terms

RAFB1 and melanoma [SEARCH] ?

Use Power Terms™ and proper capitalization for best results (view examples)

Authors ?

Clear All

Journals ?

Help

🔗 **Focused Results** (1,074) ?   🔑 **Broader Results** (2,158) ?   ⭐ Save Search+Filters

✓ ☐ ☐ Selected: 0   Export   Expand All Relationships   Turn Highlighting Off   Sort by Date

Applied Filters ?

None

Filters

🔍 **Also Containing** ?

[   ] ▶

🕐 **Published Within**

Last 30 days
Last year
Last 3 years
Last 5 years

📋 **Publication Type**

Reviews
Full-Text Documents
Grant Applications
News
»More

💡 **Key Concepts** ?

melanoma

Malignant Melanoma
Uveal Melanoma
Acral Lentiginous Melan...
Nodular Melanoma
Mucosal Melanoma
Superficial Spreading M...
Lentigo Maligna Melano...
Lentigo Maligna

General Concepts

Mutagenesis

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1 ☐ Molecular Dermatopathology in Malignant Melanoma

📄 PubMed Central 📄 📕   My Library

Reginster Marie-Annick ... Quatresooz Pascale »
Dermatol Res Pract (2012)   Show Abstract »

In addition, somatic mutations in p16, p53, BRAF, and cKIT are present in MM.

» More Relationships

2 ☐ Combined targeting of BRAF and CRAF or BRAF and PI3K effector pathways is required for efficacy in NRAS mutant tumors.

📄 PubMed Central 📄 📕   PubMed 📄   My Library

Jaiswal BS ... Seshagiri S »
PLoS One (2009)   Show Abstract »

Given that BRAF is more commonly mutated in melanomas, we hypothesized that targeting the BRAF effector arm alone would be sufficient to affect cell proliferation and in vivo tumor growth.

» More Relationships

3 ☐ The RAS/mitogen activated protein (MAP) kinase pathway in melanoma biology and therapeutics.

📄 PubMed Central 📄 📕   PubMed 📄   My Library

Jarell AD ... Tsao H »
Biologics (2007)   Show Abstract »

Not surprisingly, since both NRAS and BRAF are frequently activated in melanocytic tumors, ERKs has been shown to be phosphorylated, and therefore active, in up to 90% of human melanomas.

» More Relationships

4 ☐ Active N-Ras and B-Raf inhibit anoikis by downregulating Bim expression in melanocytic cells.

PubMed 📄   My Library

Goldstein NB ... Shellman YG »
J Invest Dermatol (2008)   Show Abstract »

B-Raf and N-Ras proteins are often activated in melanoma, yet their roles in producing inherent survival signals are not fully understood.

» More Relationships

Quertle

- What you want:
  Reviews on BRAF and melanoma in mice within the last year

- What you should do:
  Query: BRAF and melanoma
    then
  Filter: Also containing   =   mice
       Publication Type =   Reviews
       Publication Date =   Last year

Use Quertle When…

- You want to find all members of a class
    - Examples: Diseases; genes; cell types; …

Quertle's Power Terms™ are a powerful tool for answering questions.

Use Quertle When…

- You are interested in actions

- For example
  - Prevent
  - Cause

Because Quertle focuses on relationships, actions are handled explicitly.

Use Quertle When…

- You want to avoid confusion among similar terms

- For example
  - NO   =   nitric oxide (not a negative)
  - MAID   =   another name for the CCNDBP1
                            gene (not "household help")

Quertle "understands" biology, medicine, and chemistry.

- Ad-free access

- Functionality directly on your site
  - Searching on your site
    - Even with your content
  - Topic streams
    - For example, latest literature on Alzheimer's

- Even smarter searching
  - Using Quertle's new metaQ™ technology

- More is not better!

- Only **more relevant information** is better.

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