Reviews in Computational Biology

2. Review Writing

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Purpose of a Review

"Reviews synthesise for a non-specialist readership current topics in [a particular] field"

Trends in **Genetics**

Purpose of a Review

"A literature review is a body of text that aims to review the critical points of current knowledge and or methodological approaches on a particular topic."

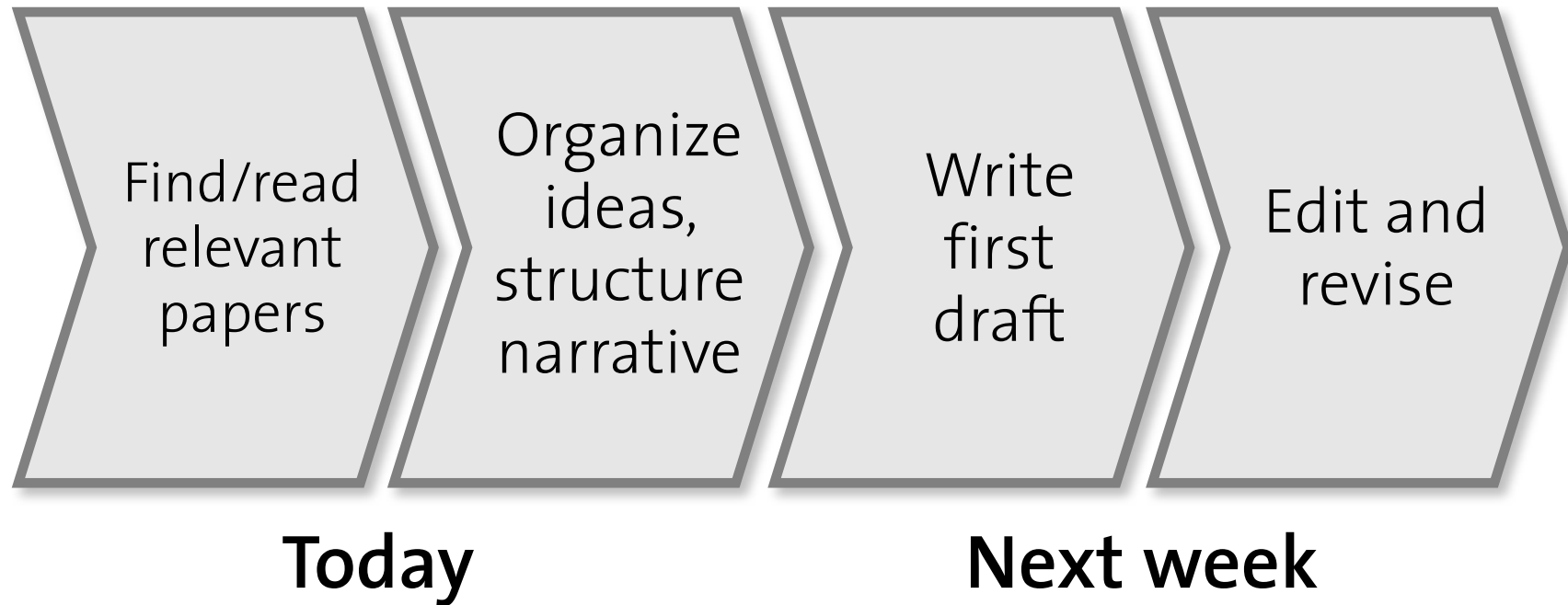"Literature reviews are secondary sources, and as such, do not report any new or original experimental work."

Purpose of a Review

"Key aims of reviews are to provide systematic and substantial coverage of mature subjects, evaluations of progress in specified areas, and/or critical assessments of emerging technologies."

The Writing Process

Find/read relevant papers	Organize ideas, structure narrative	Write first draft	Edit and revise

Today   **Next week**

Find/read
relevant papers

Google Scholar

http://scholar.google.com/

Sign in

Google scholar beta

Advanced Scholar Search
Scholar Preferences

Search

○ Search the Web ● Search English pages

● Articles ☑ include patents ○ Legal opinions and journals

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ALL DATABASES

Search for:

in | Topic ▲▼

Example: oil spill* mediterranean

AND ▼ _____ in | Author ▲▼

Example: O'Brian C* OR OBrian C*

AND ▼ _____ in | Publication Name ▲▼

Example: Cancer* OR Journal of Cancer Research and Clinical Oncology

Add Another Field >>

Search   Clear

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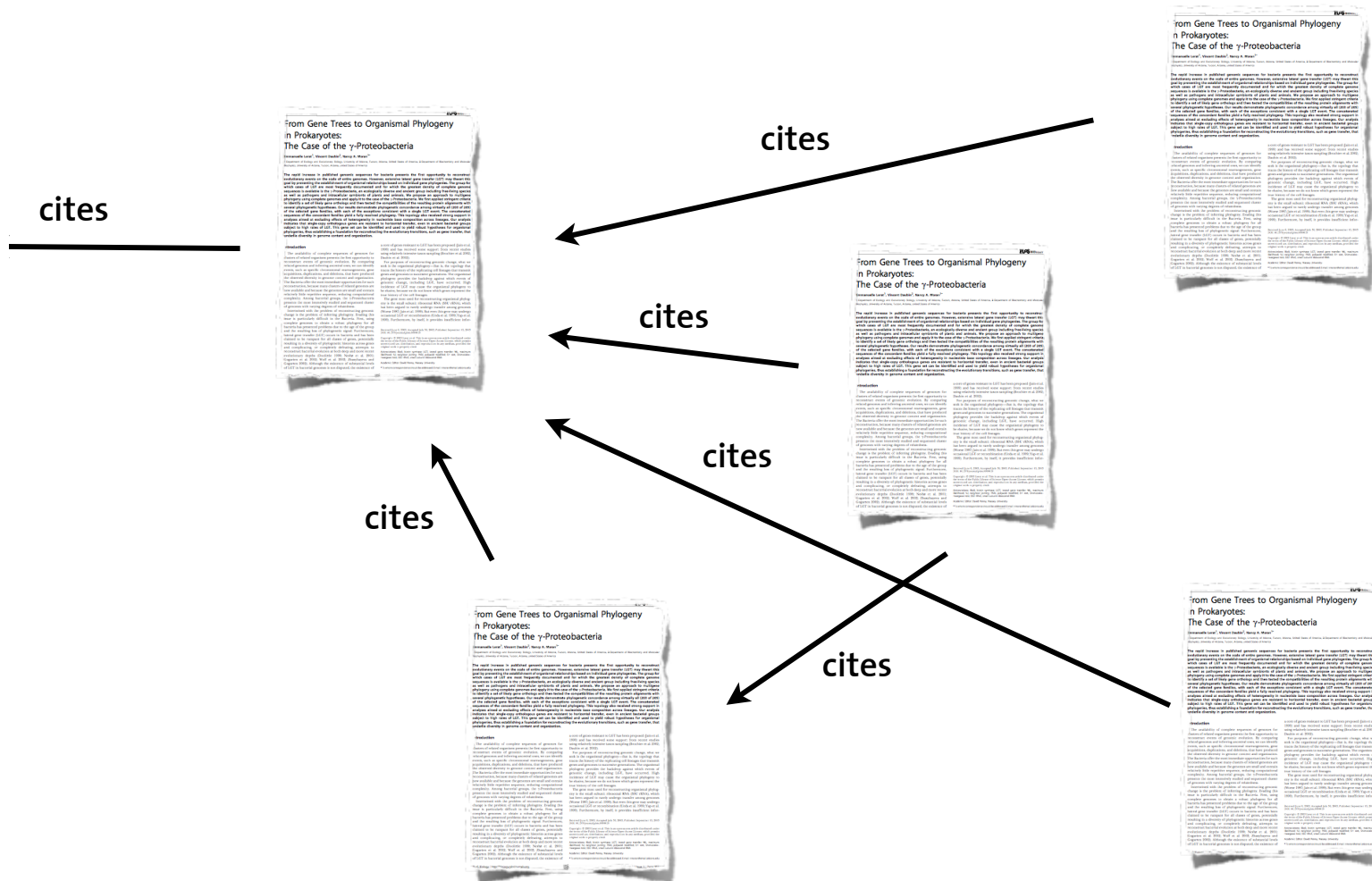
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NEBIS Katalog (Deutsch)   Catalogue NEBIS (Français)   NEBIS Catalog (English)

> Neuerwerbungslisten sind in einem Teil der NEBIS Bibliotheken verfügbar.
> Abstract/Index: Für etwa 97'000 Bücher gibt es über Links ergänzende inhaltliche Informationen.

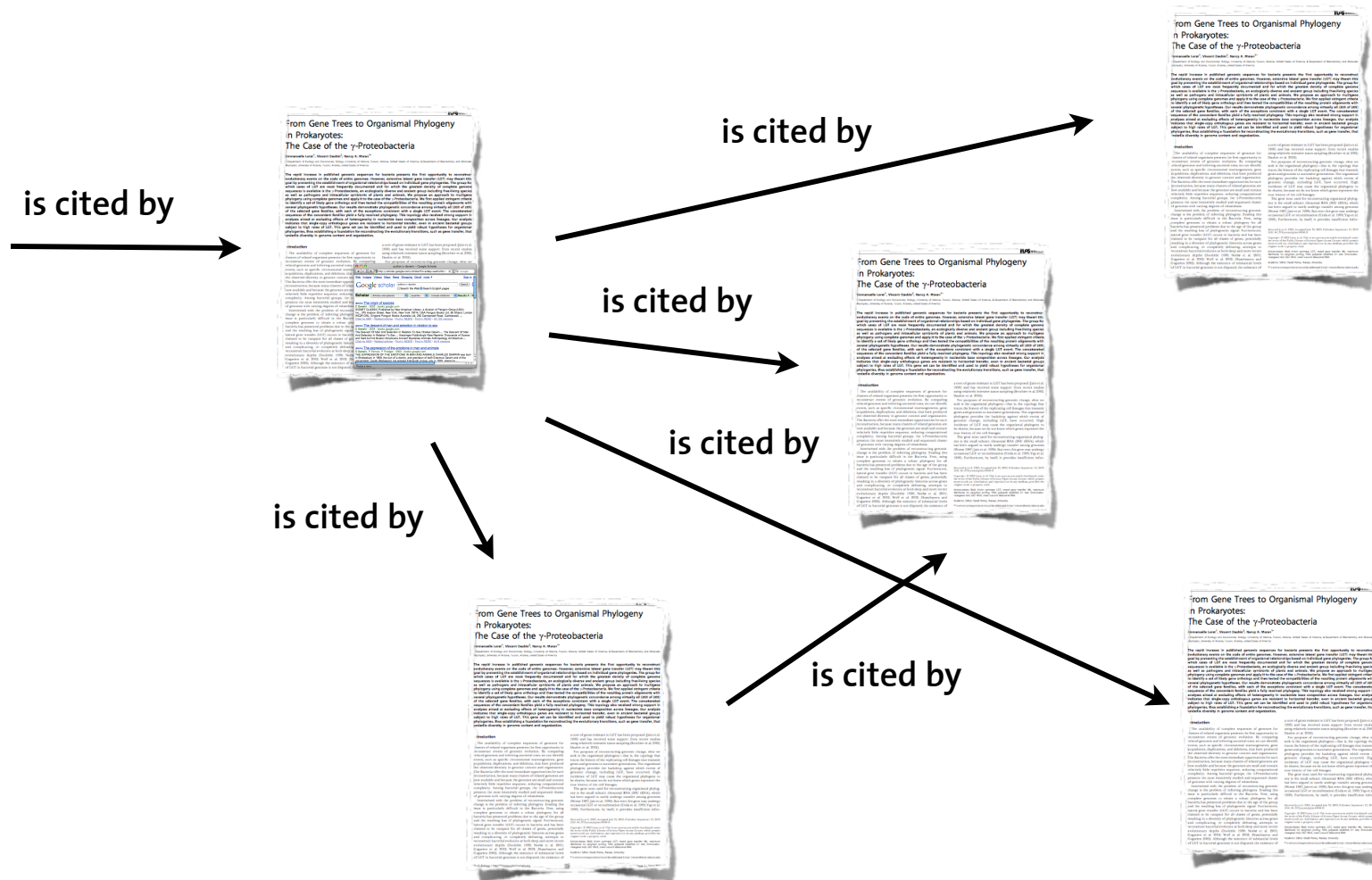©NEBIS   Impressum   E-Mail: Webmaster   Letzte Änderung: 10.01.2010

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How to read a paper?

- **Identify (possibly record) key points:** Hypothesis? Approach? Findings? Significance?

- **Order**
  1. Start with title and abstract
  2. Then, read introduction
  3. Figures and tables (captions often self-contained)

- **If not relevant, stop reading!**

Bibliography Manager

- You found a good paper. Record citation!

- Don't type it, use a tool.

- Export to $\mathrm{B{\scriptstyle IB}T_{\!E}\!X}$ format.