



European Monitoring Centre
for Drugs and Drug Addiction



Surfing and surviving scientific literature

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Who are we?

- ☐ PhD students;
- ☐ Master students;
- ☐ Medical doctors and policy makers;
- ☐ Experts in literature reviews....

Vignettes 1: Ji-Yeong Mun

Ji-Yeong Mun, 27 years old distant learner in a prestigious university is writing a dissertation on alternative to prison for drug related crimes.

She google this title and start reading the 50 900 000 results identified in the first 0,45 seconds of her research.

She also goes to twitter and search #alternative to #prison and she subscribes Various profiles...

What next?

(group discussion)



Vignettes 2: Manuel

Manuel, 48 years consultant is drafting a project grant for an European programme on applied research on social exclusion.

He search the European Union websites and finds data from Eurostat.

He also opens Linked In and search social exclusion as a keywords

What next?

(group discussion)



Vignettes 2: Kari

Kari, 36 is a newly elected Mayor of a municipality in the North of Europe, during her campaign she has promised to open drug consumptions room to finish with open drugs scenes, but although she won, a strong opposition is against this programme...

She consults the EMCDDA website and a University Professor who supported her campaign.

What next?

What do Ji-Yeong Mun, Manuel and Kari have in common?

Knowledge need to be translated into a

Scientific question

What does characterise a scientific question?

.....

Defining our questions

Manuel (social exclusion):

What is and how prevalent is Social Exclusion in Europe and what are the main questions we need to answer?

Manuel needs to define social exclusion and how this is measured;

He needs to identify the data to describe social exclusion (composite indicator);

He may identify consensus on gaps to be addressed by his research grant.

What's his **risk**?

Defining our questions

Kari: (drug consumption rooms)

What are the risks and side effects associated with drug injection rooms to eliminate open drug scenes in a small town in the North of Europe.

She can define study types: systematic reviews, primary studies, ecological studies, conferences proceedings, consensus meetings;

She can define which implementation experiences she is interested in knowing (European organization);

She may be interested in European projects

What is her risk?

Defining our mission

What is your question?

What are your target, outcomes, comparisons, type of documents and sources?

Work on your own for 5 minutes

Defining our mission



Translating into search strings

What is the effectiveness of alternative to prison for adults drugs offenders in comparison with in-prisonment to reduce reoffending at 12 months follow-up ?

- | | |
|-----------------|---|
| ➤ People | Adults (>18) drug offenders; |
| ➤ Intervention | Alternative to prison (treatment, probation, social work) |
| ➤ Comparison | Prison |
| ➤ Outcomes | Re-offending |
| ➤ Type of study | Experimental and quasi-experimental studies |

Translating into search strings

What is the effectiveness of alternative to prison for adults drugs offenders in comparison with in-prisonement to reduce reoffending at 12 months follow-up ?

Decide time = period and date
(include publications from the first introduction of probation up to now...)

You conclude your search to allow time to selecting and analysing your results.

Decide Language =

Translating into search strings

What is the effectiveness of alternative to prison for adults drugs offenders in comparison with in-prisonement to reduce reoffending at 12 months follow-up ?

Decide time = period and date
(include publications from the first introduction of probation up to now...)

You conclude your search to allow time to selecting and analysing your results.

Decide Language =

Translating into search strings

- ✓ Published
- ✓ Published faster
- ✓ Published in English..
- ✓ Major database



Choosing sources of data

Row data

Scientific publications

Grey literature

Synthesis of evidence

Databases of thesis

Registry of studies

Registries of protocols

.....

Choosing sources of data

Row data

Scientific publications

Grey literature

Synthesis of evidence

Databases of thesis

Registry of studies

Registries of protocols

.....

Translating into search strings



[Global Funds](#) [Better Evidence](#) [Campbell Library](#) [For Researchers](#) [Funding](#) [News/Events](#) [About Us](#)

Keyword 

Authors

Coordinating group(s)

- ☐ Crime and Justice (79) ☐ Disability (3) ☐ Education (85)
- ☐ International Development (49)
- ☐ Knowledge Translation and Implementation (3) ☐ Methods (14)
- ☐ Nutrition (4) ☐ Social Welfare (101)

Title

Published date

From  To 

Type of document

- ☐ Title (236) ☐ Protocol (194) ☐ Review (138) ☐ User abstract (50)
- ☐ Plain language summary (60) ☐ Policy brief (3)
- ☐ Methods publications (8) ☐ Policies and Guidelines (4)

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Policies & Guidelines Series

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Contact

Translating into search strings

PubMed® Online Training

[Scholarly Communication](#)
MEDLINE and PubMed Central.



4 resources

	Date	Run time	Format
ent and features, including an in-depth explanation	May 2017		HTML/Tutorial Source Page
res efficiently find literature using PubMed. Its st your knowledge. The tutorial was designed to be	October 2015		HTML/Web Tutorial
ffectively search substances in PubMed)	March 2017		HTML/Web Page
PubMed®: A Tutorial (An exploration of how Medical PubMed. This tutorial is intended for PubMed	March 2017		HTML/Web Tutorial

35 resources

8 resources

Date	Run time	Format
August 2017	2 min.	MP4 Video/Video Tutorial
August 2017	2 min.	MP4 Video/Video Tutorial
August 2017	3 min.	MP4 Video/Video Tutorial
August 2017	2 min.	MP4 Video/Video Tutorial
August 2017	2 min.	MP4 Video/Video Tutorial
August 2017	3 min.	MP4 Video/Video Tutorial
August 2017	3 min.	MP4 Video/Video Tutorial
August 2017	2 min.	MP4 Video/Video Tutorial

New

- PubMed Journal Selection and the Changing Landscape of NLM staff describe selection policies and procedures for

[Expand All](#) [Collapse All](#)

Tutorials

Title

[PubMed Tutorial](#) (Our comprehensive tutorial on PubMed scope, coverage of PubMed Automatic Term Mapping (ATM).)

[PubMed for Nurses](#) (This tutorial was created specifically to help nurses find concise, targeted content consists of five videos with exercises to be completed in less than 30 minutes.)

[Searching Drugs or Chemicals in PubMed](#) (Learn to efficiently and effectively search for drugs or chemicals in PubMed.)

[The Basics of Medical Subject Headings \(MeSH®\) in MEDLINE®/PubMed®](#) (Subject Headings (MeSH) are used for indexing MEDLINE records in PubMed.)

Quick Tours

Search Basics

Title

[PubMed Simple Subject Search](#)

[PubMed Simple Subject Search: How It Works](#)

[PubMed: Exploring the Medical Subject Headings \(MeSH\)](#)

[PubMed: Find Articles by Author](#)


[PubMed: Find Articles by Journal](#)


[PubMed: Find a Known Citation](#)

[PubMed: Find a Systematic Review](#)

[PubMed: Find the Latest Treatments for a Disease](#)

Translating into search strings




Search whole site 

[For Libraries](#) [For Researchers](#) [Products & Services](#) [For Customers](#) [Events](#) [About](#) [Blogs](#)

ProQuest > Products & Services > Social Science Database

Social Science Database



Fast Facts

Wide coverage of social science
Over 1,000 titles in full text
Precision indexing

Intended For




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[REQUEST A TRIAL](#)

[LOG-IN](#)

[Download a short description](#)
[Share / Save](#)   

Translating into search strings



The screenshot shows the 'LILACS Methodology' page. At the top, there is a header with logos for 'vhl virtual health library', 'LILACS Methodology', and 'BIREME PAHO WHO'. Below the header, the 'About' section is visible. It includes a navigation link 'home > LILACS Database (IN REVISION)', a title 'LILACS Database (IN REVISION)', and several paragraphs of text describing the database's purpose, history, and access. At the bottom, there is a contact information box for BIREME - PAHO - WHO.

About

[home](#) > LILACS Database (IN REVISION)

LILACS Database (IN REVISION)

LILACS database - Latin American and Caribbean Health Sciences Literature - is a cooperative database built by the institutions which integrate the [Latin American and Caribbean of Health Sciences Information System](#).

LILACS has been published since 1982 and registers the health scientific-technic literature published by Latin American and Caribbean authors.

The main objectives of this database are the bibliographic control and the dissemination of health scientific-technique literature from Latin American and Caribbean countries, absentee from the international databases.

It covers the description and indexing of theses, books, books chapters, congresses or conferences annals, scientific-technical reports, journal articles, etc, related to health area.

The access to the LILACS database can be carried through the compact disk LILACS/CD and integrally in the [VHL's](#) - Virtual Health Library's in the [Scientific Literature](#) item, through the common search interface ([IAH](#)). Bibliographical references include links to electronic full texts databases, as well as to the online VHL's Cooperative Service for Accessing Documents ([SCAD](#)).

LILACS/CD ROM is published quarterly and includes the databases of LILACS System, databases of Specialized Centers and World Health Organization Library, and the database [SeCS](#) - Serials in Health Sciences. It can be acquired by signature for any user or library and its distribution politics to the Cooperating Centers is based on the [contribution](#) for the LILACS database.

BIREME - PAHO - WHO
Latin American and Caribbean Center on Health Sciences Information
Department of Knowledge Management, Bioethics and Research - KBR
Rua Vergueiro, 1.759, 7º andar, Paraisópolis • CEP: 04101-000 • São Paulo - SP, Brasil
Tel: (55 11) 5576-9800 • Fax: (55 11) 5575-8868
<http://new.paho.org/bireme>

Defining our quality criteria

Why do we need criteria?

To be specific,

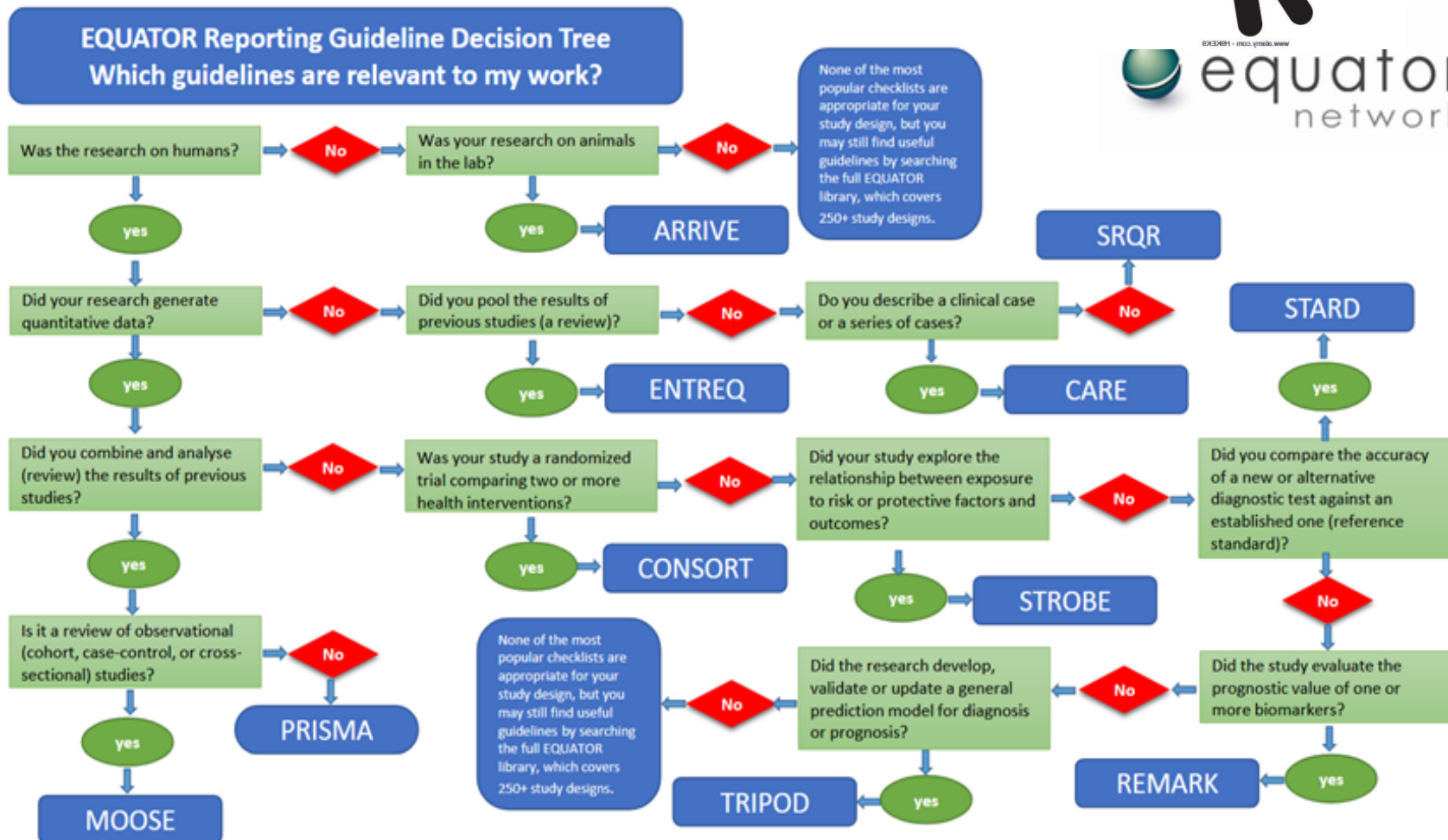
To make our search manageable

And... for self-defence!

Defining our quality criteria



equator
network



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Defining our quality criteria



resources in
Danish



Enhancing the **QUALITY** and
Transparency Of health Research

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[Home](#) > [Library](#) > Reporting guideline

Search for reporting guidelines

Browse for reporting guidelines by selecting one or more of these drop-downs:

Study type

Please select...

Clinical area

Please select...

Section of report

Please select...

Or search with free text


Search Reporting Guidelines

Search Reporting Guidelines

[Start again](#) | [Help](#)

Displaying 386 reporting guidelines found.

Most recently added records are displayed first.

- 

1 Preferred Reporting Items for Overviews of systematic reviews including harms checklist: A pilot tool to be used for balanced reporting of benefits and harms



Reporting guidelines for main study types

Randomised trials	CONSORT	Extensions
Observational studies	STROBE	Extensions
Systematic reviews	PRISMA	Extensions
Case reports	CARE	Extensions
Qualitative research	SRQR	COREQ
Diagnostic / prognostic studies	STARD	TRIPOD
Quality improvement studies	SQUIRE	
Economic evaluations	CHEERS	
Animal pre-clinical studies	ARRIVE	
Study protocols	SPIRIT	PRISMA-P
Clinical practice guidelines	AGREE	RIGHT

Defining our quality criteria

- ❑ Internal validity:

The causal inference is true

- ❑ External validity:

The results are generalizable

- ❑ Or how much can we rely on the results?

Defining our quality criteria

- ☐ Or how much can we rely on the results?
 - ☐ You may need developing your own additional criteria for example;
 - ☐ Duration of follow-up
 - ☐ Percentage of people followed-up
 - ☐

Understanding and synthesising

One swallow does not make a summer

Social networks



Social networks

How many use SN for keeping updated?

Which ones?

For which purpose?

Social networks



<https://101innovations.wordpress.com/>

FACEBOOK

38% of Scientists Regularly Use Facebook

#1 Reason For Use
Non-Professional Purposes

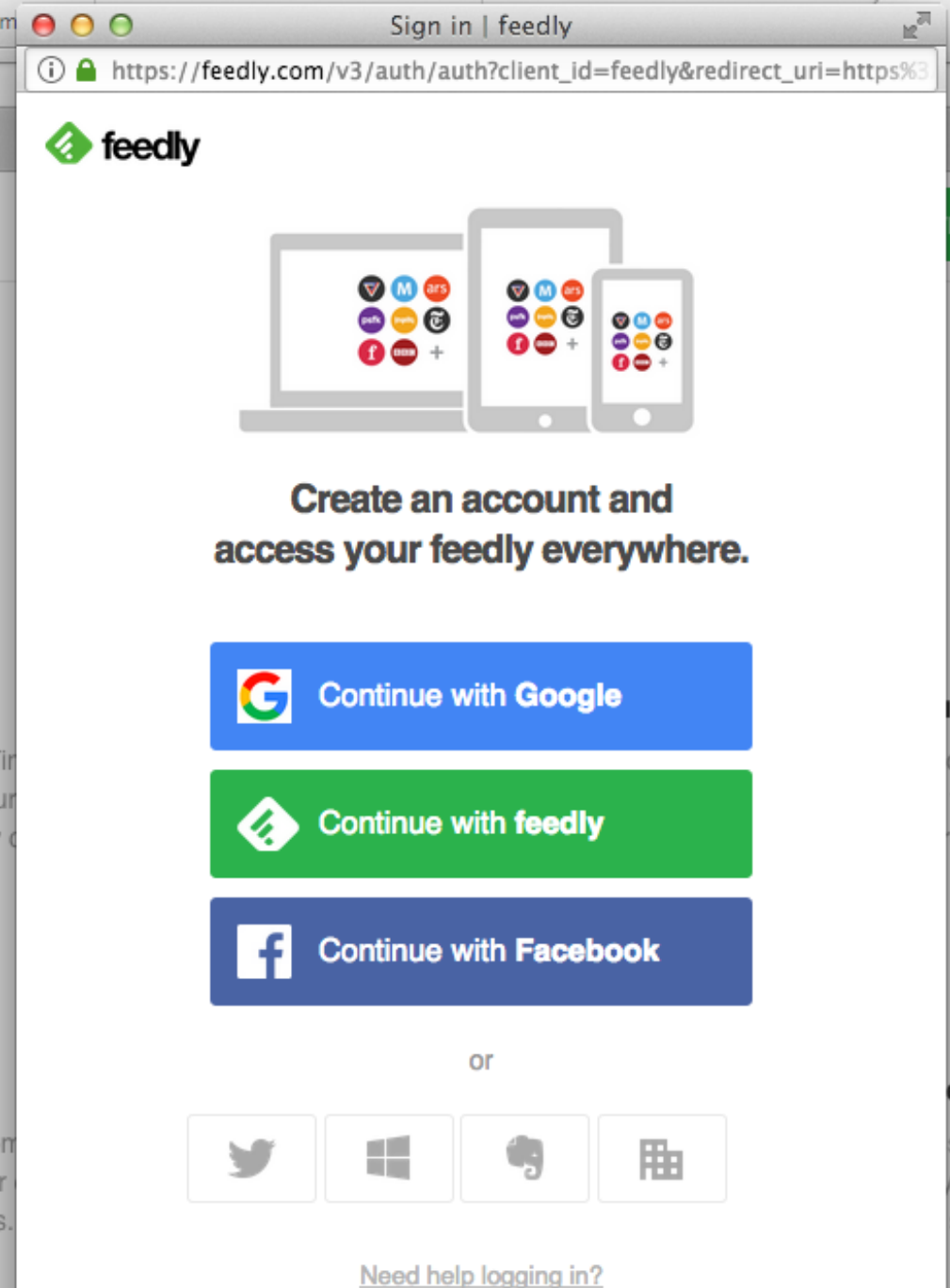
- Tip 1** Use Facebook to maintain friendships with former lab mates, classmates, and colleagues.
- Tip 2** Create a Facebook page for your research or your lab.

Social networks





<http://blogs.nature.com/naturejobs/2017/08/23/social-media-as-a-scientist-a-very-quick-guide/>

Updates tools



Updates tools

 NCBI Resources ▾ How To ▾ Sign in to NCBI


National Center for
Biotechnology Information

All Databases ▾ Search

NCBI Home

Resource List (A-Z)

All Resources

Chemicals & Bioassays

Data & Software

DNA & RNA

Domains & Structures

Genes & Expression

Genetics & Medicine

Genomes & Maps

Homology

Literature

Proteins

Sequence Analysis

Taxonomy

Training & Tutorials

Variation

How to: Save text searches and set up automated searches with E-mailed results

Please note that there is a [YouTube tutorial](#) about this.

You can save, automate your searches and have the results E-mailed to you through a free MyNCBI account. Access to MyNCBI is available at the top of all NCBI database search pages.

Starting from the [MyNCBI](#) homepage...

1. [Sign In](#) to use an existing account or click on [Register for an account](#) to establish a new account.
2. Perform the search to be saved or updated regularly in the database of interest.
3. Click the "Save Search" search link that appears near the top of the search results page.
4. In MyNCBI save the search and choose the settings for automated E-mail updates. These settings can be modified at any time by accessing the MyNCBI account.



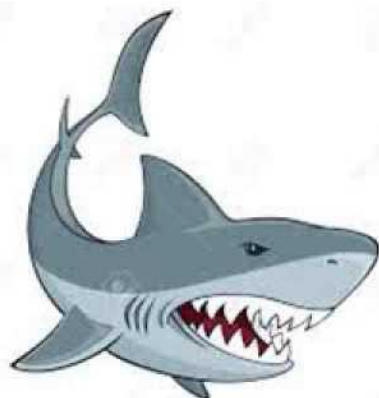


Table 1 Characteristics of a predatory journal

Note that the idea with this list is not to say that any journal fulfilling any of the points below is a predatory journal. But the more points on the list that apply to the journal at hand, the more sceptical you should be

The publisher is not a member of any recognized professional organisation committed to best publishing practices (like COPE or EASE)

The journal is not indexed in well-established electronic databases (like Medline or Web of Science)

The publisher claims to be a “leading publisher” even though it just got started

The journal and the publisher are unfamiliar to you and all your colleagues

The papers of the journal are of poor research quality, and may not be academic at all (for instance allowing for obvious pseudo-science)

There are fundamental errors in the titles and abstracts, or frequent and repeated typographical or factual errors throughout the published papers

The journal website is not professional

The journal website does not present an editorial board or gives insufficient detail on names and affiliations

The journal website does not reveal the journal’s editorial office location or uses an incorrect address

The publishing schedule is not clearly stated

The journal title claims a national affiliation that does not match its location (such as “American Journal of ...” while being located on another continent) or includes “international” in its title while having a single-country editorial board

The journal mimics another journal title or the website of said journal

The journal provides an impact factor in spite of the fact that the journal is new (which means that the impact cannot yet be calculated)

The journal claims an unrealistically high impact based on spurious alternative impact factors (such as 7 for a bioethics journal, which is far beyond the top notation)

The journal website posts non-related or non-academic advertisements

The publisher of the journal has released an overwhelmingly large suite of new journals at one occasion or during a very short period of time

The editor in chief of the journal is editor in chief also for other journals with widely different focus

The journal includes articles (very far) outside its stated scope

The journal sends you an unsolicited invitation to submit an article for publication, while making it blatantly clear that the editor has absolutely no idea about your field of expertise

Emails from the journal editor are written in poor language, include exaggerated flattering (everyone is a leading profile in the field), and make contradictory claims (such as “You have to respond within 48 h” while later on saying “You may submit your manuscript whenever you find convenient”)

The journal charges a submission or handling fee, instead of a publication fee (which means that you have to pay even if the paper is not accepted for publication)

The types of submission/publication fees and what they amount to are not clearly stated on the journal’s website

The journal gives unrealistic promises regarding the speed of the peer review process (hinting that the journal’s peer review process is minimal or non-existent)—or boasts an equally unrealistic track-record

The journal does not describe copyright agreements clearly or demands the copyright of the paper while claiming to be an open access journal

The journal displays no strategies for how to handle misconduct, conflicts-of-interests, or secure the archiving of articles when no longer in operation



Un- conclusions

Define your questions

Define your keywords;

Explore your sources;

Be creative !

Be specific

Evaluate the quality YOU want

Document each steps...

Seek informal peer referees (network)

Make sense and communicate

Be ready to start again





Thank you!

TWIST  **Training With Stakeholders**
Applying EU Addiction Research

www.twist-train.eu



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