



جامعة الاخوة منتوري قسنطينة

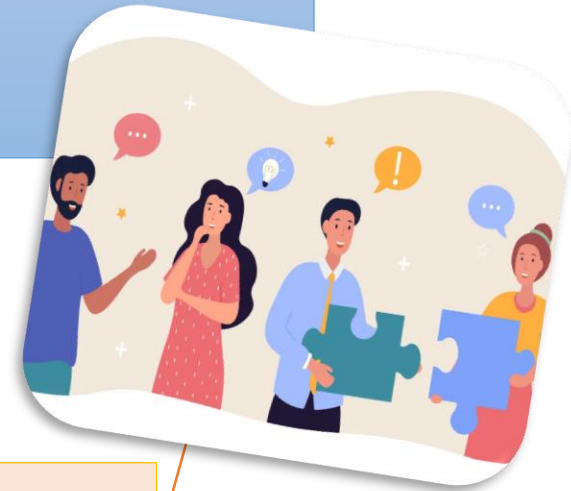
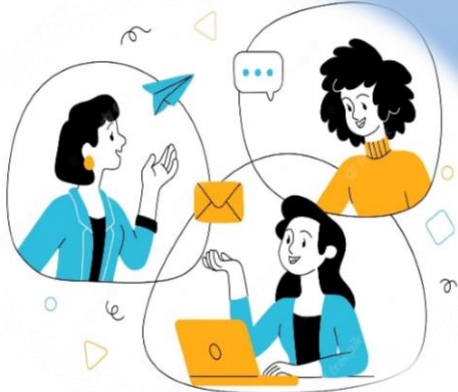
UNIVERSITÉ DES FRÈRES
MENTOURI CONSTANTINE

Democratic and Popular Republic of Algeria
Ministry of Higher Education and Scientific Research

University of Mentouri Brothers - Constantine 1
Faculty of Nature Sciences and Life
Département of Animal Biology
Common Core 2nd Year/S3

U E Méthodologie
Code : UEM 2.1.1
Crédits : 4
Coefficients: 2

Technical communication and expression « TCE » تقنيات التواصل و التعبير



Responsible of the course
Dr. Imène HAMADOU

Targeted public: 2nd year in Biology
Langage: English

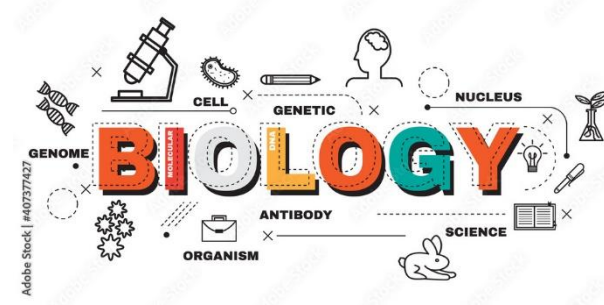
Academic Year: 2024-2025

Overview



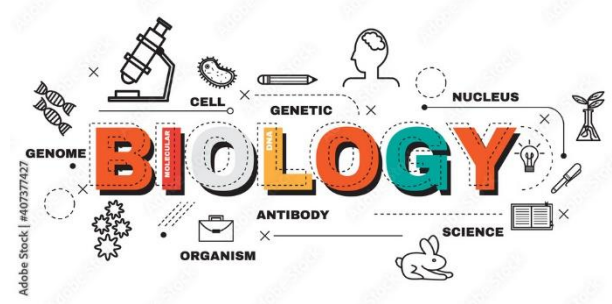
- ❖ **Bibliographic research** is the first step in any research or scientific writing project. It is the process of executing a relevant research of useful information, around a scientific subject, that are presented in the several sources of literature.
- ❖ In fact, this activity starts even before the conception of the project or the writing, and continues throughout all the stages of their realization.
- ❖ Bibliographic research mainly aims to establish a "literature review", to have clear insight on the state of the art on what has been done or written on a given subject.
- ❖ it also allows the analysis of the results obtained by others and their comparison with own results.

Overview



Subsequently, it must be undertaken in a methodical manner to be effective, and with a good knowledge of bibliographic research tools.

Bibliography



- ❖ **Bibliography** refers to the set of information sources such as books, journals, articles, etc., published on a subject, presented in different conventional forms. From this definition, the bibliography is synonymous with what is commonly called "Scientific Literature", often abbreviated in "Literature".
- ❖ Scientific literature comprises scholarly and academic publications that report original empirical and theoretical work in the natural and social sciences, and within an academic field.
- ❖ Academic publishing is the process of contributing the results of one's research into the literature, which often requires a peer-review process to be accepted and published

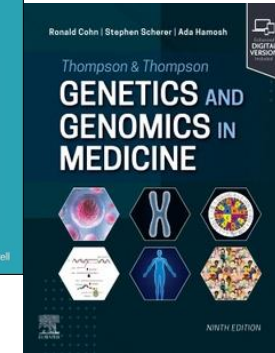
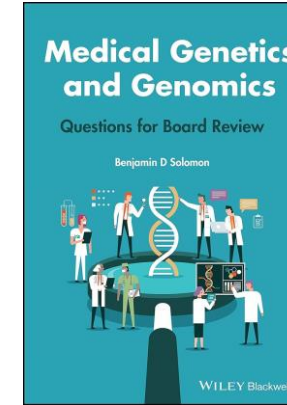
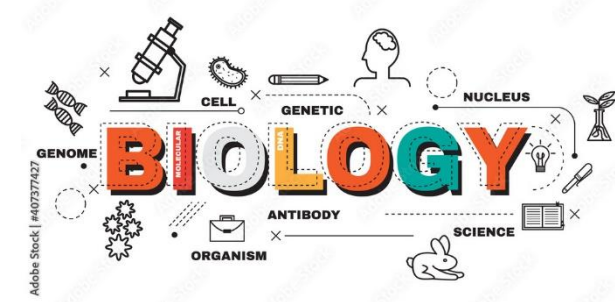
Types of Bibliography

- Articles (scientific papers, scholarly articles)

- Books

- Conference proceedings, abstracts and reports

- Theses and dissertations



Writing scientific thesis/dissertation in biology field: Knowledge in reference style writing

Nahi Y. Yassen¹, Huda Dawood Salman¹
¹ Iraqi Centre for Cancer and Medical Genetics Research, Al-Mutannazira University

Abstract:

Thesis or dissertation writing is an important and essential task for postgraduate students that must be performed correctly through following the standard guidelines for scientific writing. Any thesis/dissertation or articles must involve writing a reference list in the last. References must be written correctly and honestly by following one of the well-accepted international reference writing style. Many reference styles have been established worldwide and every style may meet the requirement of particular discipline. However, variation in using specific style within specific discipline is usually noticed in many academic institutions. In Iraq, postgraduate students in the field of biology are supposed to use Vancouver style for reference writing in their theses/dissertations. This study hypothesized that cross-institution reference writing may be demonstrated in these theses/dissertations as previous studies showed deterioration in writing process in general. For a period of twelve years 124 fully performed theses/dissertations were analyzed carefully for that purpose. Moreover, interview with 14 postgraduate students in biology field was performed to discuss reference writing process. The results showed that almost all students had neither any idea about types of reference writing style nor which style they had used in their reference writing. It seems that their style needed to meet the American Psychological Association style mixed with Harvard style rather than the Vancouver style. Almost all these theses/dissertations revealed different reference writing styles, and even in the same thesis or dissertation or in the same single reference more than one reference writing style was noticed. Many other different errors in reference writing were noticed to every thesis or dissertation. The interview with students confirmed the results obtained from theses and dissertation analysis, indicating the deficiency in their ability to write reference correctly. This article gives evidence that scientific writing practice and abilities of postgraduate students do not reflect expected quality criteria. Postgraduate students severely lacked the skill and knowledge in scientific writing especially in reference writing. It is highly recommended to introduce extensive courses in their curriculum concerning scientific writing in order to improve the writing process to be scientifically well-accepted level by following the standard guidelines for writing.

Key words: thesis, dissertation, writing, reference, style.

Introduction:

The process of writing thesis and dissertation (TD) or an article in biology or in other science disciplines is a best tool to document the findings, interpretation or conclusion of the authors or researchers to be transferred correctly to the colleagues and audiences. Different styles for writing process have been suggested to meet every specific discipline needs or interests. However, researchers, using any writing style,

should use references as bases to interpret or discuss their findings. Reference citation in a list or in the reference list is of great importance (Dewey, 1998; Sola, 2005; Yaraslan and Anarali, 2010; Neville, 2012) and must be written properly following specific systems, style (American National Standards Institute, 1971; UNESCO, 1981). Different reference writing styles have been established and used by different science fields and disciplines in order to document the researchers' findings and to preserve their rights. Many well-known reference systems can be found among writing style in different fields such as: Modern Language Association (MLA), the American Psychological Association (APA), the Chicago Manual of Style (CMS), the Vancouver system, the Harvard system, the American Medical Association (AMA) Style,

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Iraqi Journal of Cancer and Medical Genetics

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République Algérienne Démocratique et Populaire
 Ministère de l'Enseignement Supérieur et de la Recherche Scientifique
 Université Constantine 2 - Abdelhamid Méhri
 Faculté des Nouvelles Technologies de l'Information et de la Communication
 Département de Technologies des Langues et des Systèmes d'Information



T H È S E
 Pour l'obtention du diplôme de Docteur en Informatique
 Option : Ingénierie des Systèmes d'Information (ISI)
 Présentée et soutenue par : Mohamed Hachem Kermami
Une approche multi-agents de synthèse de protéines pour le développement dynamique d'une ontologie protéique

Dirigée par : Pr. Ziette Boufala et Dr. Zohia Goussom

Soutenue le 8 Juin 2019

Devant le jury composé de :

Zahli Sahoun	Professeur à l'Université Constantine 2 - Abdelhamid Méhri	Président
Ziette Boufala	Professeur à l'Université Constantine 2 - Abdelhamid Méhri	Rapporteur
Zahia Goussom	M.C. (HDR) à l'Université de Bouïra-Champagne-Ardennes	Co-Rapporteur
Hassina Sraïd	Professeur à l'Université Bely Makhlouf - Annaba	Examinateur
Moumi Hraïem	MCA à l'Université Abdou Leïghem - El-Meghela	Examinateur
Hocine Bellouch	MCA à l'Université Constantine 2 - Abdelhamid Méhri	Examinateur
Amour Azoum	MCA au Centre de Recherche en Biotechnologie	Invité

Types of Bibliography

Iraqi Journal
of Cancer
and Medical
Genetics

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Nahi Y. Yaseen¹, Huda Dawood Salman¹

¹ Iraqi Centre for Cancer and Medical Genetics Research, Al-Mustansiriya University

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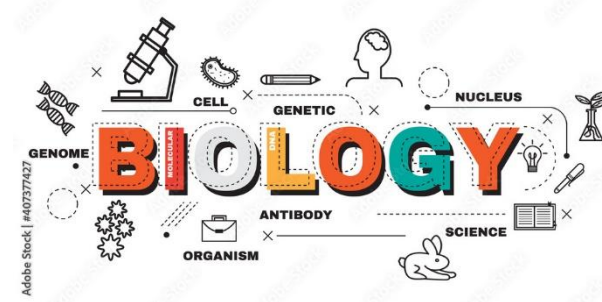
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Département de Technologies des Logiciels et des Systèmes d'Information

Année : 2019

N° d'ordre :

Série :



T H È S E

Pour l'obtention du diplôme de Docteur en Informatique

Option : Ingénierie des Systèmes d'Information (ISI)

Présentée et soutenue par : Mohamed Hachem Kermani

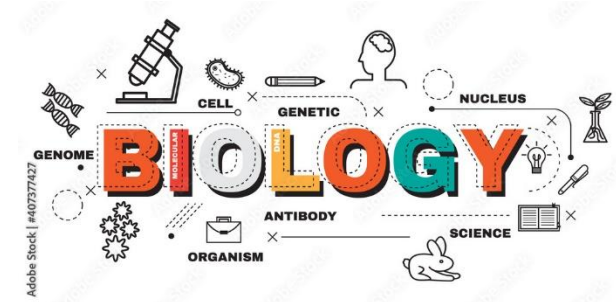
Une approche multi-agents de synthèse de protéines pour le développement dynamique d'une ontologie protéique

Dirigée par : Pr. Zizette Boufaïda et Dr. Zahia Guessoum

Soutenue le 8 Juin 2019

Devant le jury composé de :

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Zizette Boufaïda	Professeur à l'Université Constantine 2 - Abdelhamid Mehri	Rapporteur
Zahia Guessoum	MC [HDR] à l'Université de Reims Champagne-Ardenne	Co-Rapporteur
Hassina Seridi	Professeur à l'Université Badji Mokhtar - Annaba	Examinatrice
Mounir Hemam	MCA à l'Université Abbès Laghrou - Khenchela	Examineur
Hacene Belhadef	MCA à l'Université Constantine 2 - Abdelhamid Mehri	Examineur
Ammar Azioune	MCA au Centre de Recherche en Biotechnologie	Invité



Types of Sources

Academic information sources can be categorized into three primary types, they are classified basing on the **originality of the approached subject or the studied question.**

Primary Sources

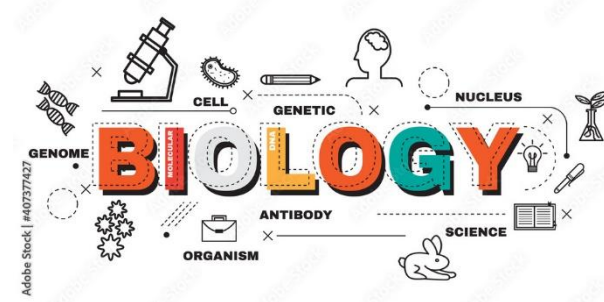
Original research findings reported directly from experiments, observations, or data collection. Examples include journal articles, scientific reports, and dissertations.

Secondary Sources

Includes Interpretations, analyses, or syntheses of primary research. Examples include books, review articles, and meta-analyses. It helps to get a general overview on specific topic.

Tertiary Sources

Compilations or summaries of information from primary and secondary sources. These publications employ a simplified and non-technical language style, catering to a popular readership rather than a specialized scientific audience. Examples include encyclopedias, textbooks, and handbooks



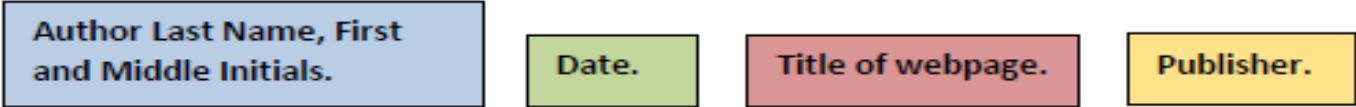
Bibliography

A bibliography or References: is a list of sources that an author has consulted or referred to in their writing. It is typically included at the end of a book, article, or research paper. Bibliographies can be compiled in a variety of formats,

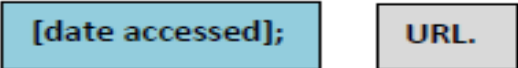
but they typically include the following information for each source:

- ❖ Author(s)
- ❖ Title of the source
- ❖ Year of publication
- ❖ Publisher
- ❖ Other relevant information, such as page numbers or URLs

WHO?
WHAT?
WHEN?
WHERE?

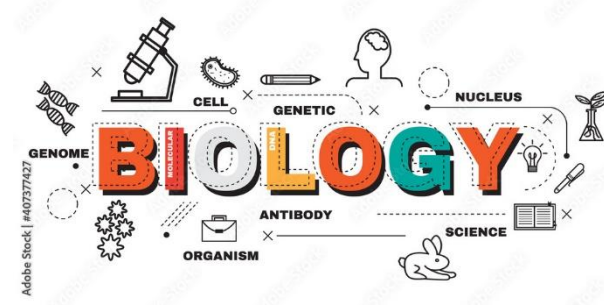


Geggel L. 2016. Why do birds sing the same song over and over? Livescience. [accessed 2016 Jul 27]; <http://www.livescience.com/54544-why-birds-sing-same-song-repeatedly.html>.



Kirkpatrick, L., Brown, H. M., Searle, M., Smyth, R. E., Ready, E. A., & Kennedy, K. (2018). Impact of a one-to-one iPad initiative on Grade 7 students' achievement in language arts, mathematics, and learning skills. *Computers in the Schools*, 35(3), 171-185. <https://doi.org/10.1080/07380569.2018.1491771>





Bibliography

Bibliographies or references are an important part of academic writing because they allow readers to:



Verify the information that has been presented in the text

Learn more about the sources that have been used.

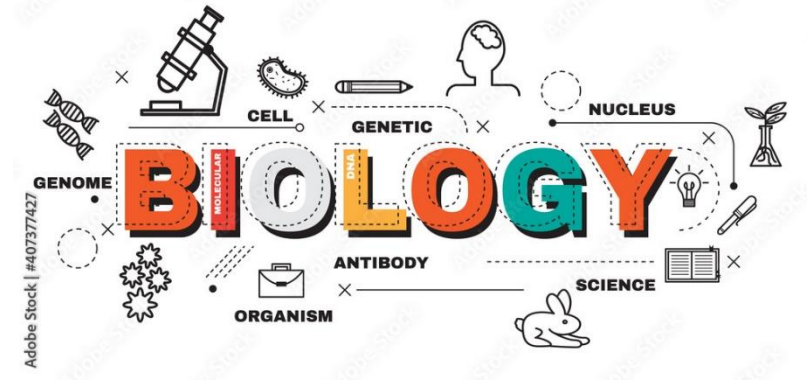
Help to establish the author's credibility and expertise in the subject matter.

Bibliographic research

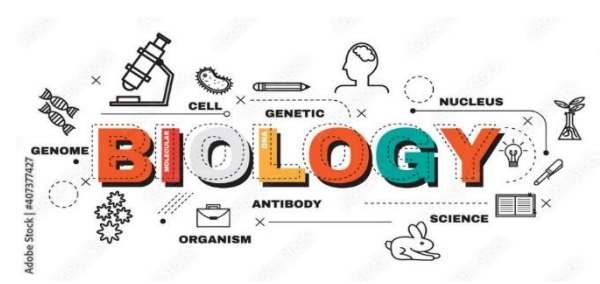
❖ Definition

It is the systematic (regular) process of **identifying**, **evaluating**, and **synthesizing** information from various **sources** to support academic or professional accomplishments.

It involves **locating**, **analyzing**, and **organizing** relevant information from scholarly literature, including **books, journal articles, conference proceedings, and other credible sources.**



Bibliographic research importance in Biology



Bibliographical research is an essential skill for students and professionals in various fields, particularly in biology. It allows scientists :

- Strengthen their understanding of biological concepts and theories by** exploring the latest research findings and expert perspectives.
- Develop critical thinking skills by** evaluating the credibility, relevance, and validity of information sources.
- Conduct effective research projects by** identifying relevant sources, synthesizing information, and communicating findings effectively.