



eLS = Encyclopedia of Life Sciences

Tutoriel

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1. Présentation et accès

1.1 Présentation

Organisme responsable	Wiley
Plateforme	Wiley InterScience
Discipline(s)	Encyclopédie en Sciences de la vie
Langue(s)	anglais
Mise à jour	mensuelle
Types de documents indexés	Articles de l'encyclopédie
Accès	Sur abonnement

1.2 Accès

À partir du portail documentaire de Lyon 1 : <http://portaildoc.univ-lyon1.fr/>

Onglet [Trouver des documents](#) → [Livres](#)

Livres électroniques hors catalogue

Collection éducation (L'harmattan) L'Harmathèque
Encyclopaedia of Life Sciences (Wiley) Wileyonline
ENI Livres numériques (ENI Editions) Choisir un pseudonyme et un mot de passe
Handbook of Chemistry and Physics (Taylor and Francis)
Techniques de l'ingénieur
Traités EMC (Elsevier Masson) EM Premium

Pour accéder au plein texte des articles lors de la consultation de la ressource, il convient de privilégier absolument les liens proposés sur cette page.

2. Modes de recherche

Plusieurs modes de recherche sont accessibles à partir de la page d'accueil de l'eLS.

2.1 Recherche simple

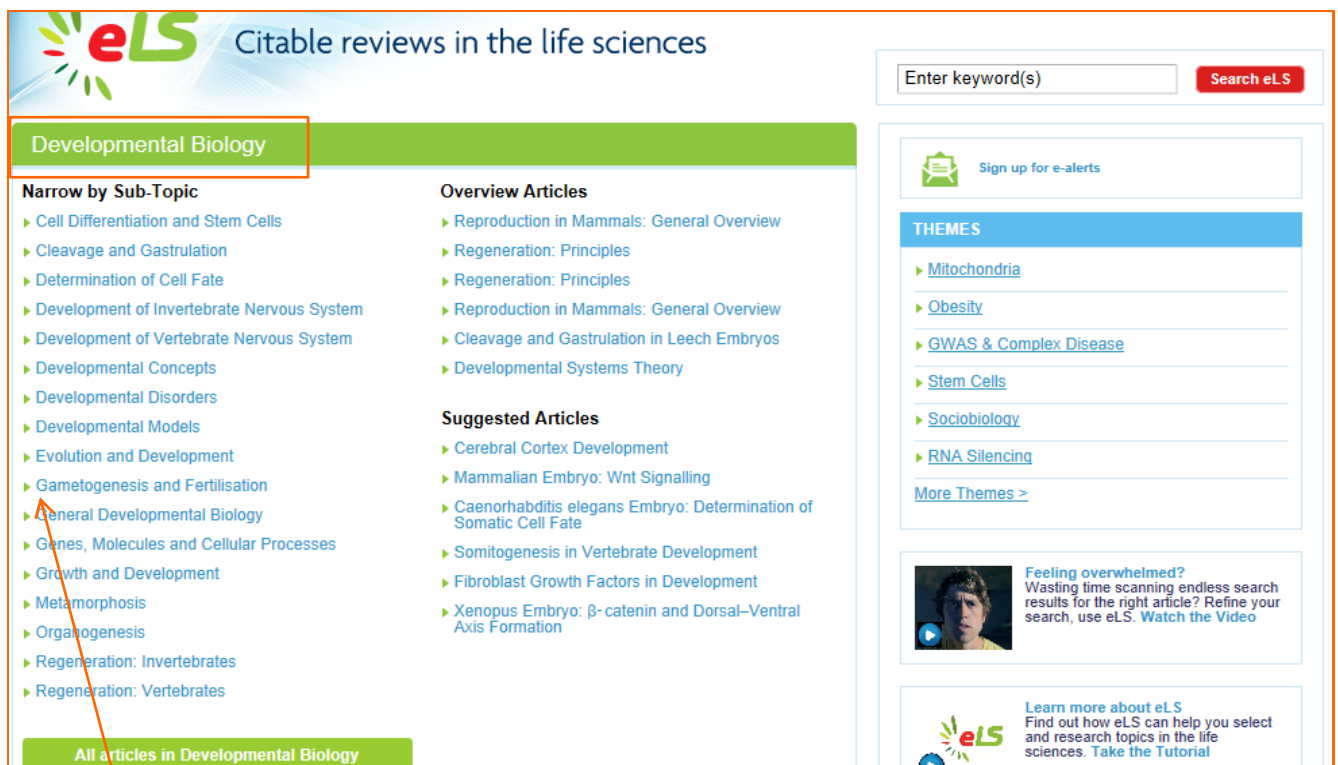
Rechercher par mots-clés

The screenshot shows the WILEY eLS homepage. At the top, there's a navigation bar with 'HOME', 'TOPICS', and 'LATEST ARTICLES'. Below this is a search bar labeled 'Enter keyword(s)' with a 'Search eLS' button. The main content area is divided into two columns: 'Select a Topic' and 'Explore a Theme'. The 'Select a Topic' column lists various biological fields like Biochemistry, Microbiology, etc. The 'Explore a Theme' column lists specific topics like Mitochondria, Obesity, etc. On the right, there's a 'In the Spotlight' section featuring profiles of Robin Attfield and William L. Nyhan. Arrows from the text boxes point to the search bar, the 'Select a Topic' header, and the 'Explore a Theme' header.

Sélectionner un sujet

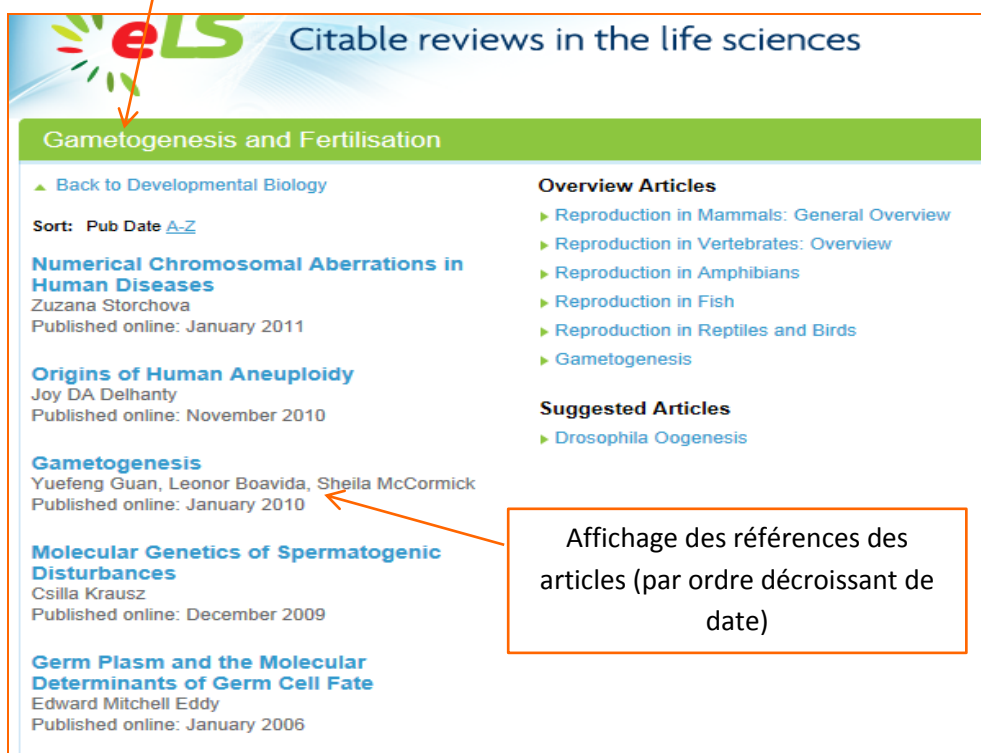
Explorer un thème

La recherche par sujet : Permet de dérouler les sous-thématiques d'un sujet



The screenshot shows the eLS website interface. The 'Developmental Biology' category is highlighted in a green bar. Below this bar, there are two columns of links. The left column, titled 'Narrow by Sub-Topic', lists various sub-topics including 'Cell Differentiation and Stem Cells', 'Cleavage and Gastrulation', 'Determination of Cell Fate', 'Development of Invertebrate Nervous System', 'Development of Vertebrate Nervous System', 'Developmental Concepts', 'Developmental Disorders', 'Developmental Models', 'Evolution and Development', 'Gametogenesis and Fertilisation', 'General Developmental Biology', 'Genes, Molecules and Cellular Processes', 'Growth and Development', 'Metamorphosis', 'Organogenesis', 'Regeneration: Invertebrates', and 'Regeneration: Vertebrates'. The right column, titled 'Overview Articles', lists 'Reproduction in Mammals: General Overview', 'Regeneration: Principles', 'Reproduction in Mammals: General Overview', 'Cleavage and Gastrulation in Leech Embryos', and 'Developmental Systems Theory'. Below these columns is a 'Suggested Articles' section with links to 'Cerebral Cortex Development', 'Mammalian Embryo: Wnt Signalling', 'Caenorhabditis elegans Embryo: Determination of Somatic Cell Fate', 'Somitogenesis in Vertebrate Development', 'Fibroblast Growth Factors in Development', and 'Xenopus Embryo: β -catenin and Dorsal-Ventral Axis Formation'. On the right side of the page, there is a search bar, a sign-up for e-alerts button, a 'THEMES' section with links to 'Mitochondria', 'Obesity', 'GWAS & Complex Disease', 'Stem Cells', 'Sociobiology', and 'RNA Silencing', and a video player with the text 'Feeling overwhelmed? Wasting time scanning endless search results for the right article? Refine your search, use eLS. Watch the Video'.

Sélectionner le sous-domaine



The screenshot shows the eLS website interface with the 'Gametogenesis and Fertilisation' category selected. The page displays a list of articles sorted by 'Pub Date A-Z'. The articles listed are: 'Numerical Chromosomal Aberrations in Human Diseases' by Zuzana Storchova (Published online: January 2011), 'Origins of Human Aneuploidy' by Joy DA Delhanty (Published online: November 2010), 'Gametogenesis' by Yuefeng Guan, Leonor Boavida, Sheila McCormick (Published online: January 2010), 'Molecular Genetics of Spermatogenic Disturbances' by Csilla Krausz (Published online: December 2009), and 'Germ Plasm and the Molecular Determinants of Germ Cell Fate' by Edward Mitchell Eddy (Published online: January 2006). On the right side, there are sections for 'Overview Articles' and 'Suggested Articles'. The 'Overview Articles' section lists 'Reproduction in Mammals: General Overview', 'Reproduction in Vertebrates: Overview', 'Reproduction in Amphibians', 'Reproduction in Fish', 'Reproduction in Reptiles and Birds', and 'Gametogenesis'. The 'Suggested Articles' section lists 'Drosophila Oogenesis'. A red arrow points from the 'Gametogenesis' article to a text box that says 'Affichage des références des articles (par ordre décroissant de date)'.

La recherche par thème : Sélectionne les articles traitant d'un thème présélectionné.

Browse Themes

▶ Mitochondria ▶ Obesity ▶ GWAS & Complex Disease ▶ Stem Cells	▶ Sociobiology ▶ RNA Silencing ▶ Microscopy ▶ Biology of Ageing
--	---

Stem Cells

Stem cells are cells that are capable of both self-renewal and differentiation. They offer the potential of an unlimited source of cells that can be used for drug discovery and gene discovery studies, and have been used in trials to treat diseases. The selected articles describe stem cells, their uses in medical therapies, and the ethical issues surrounding the cloning of organisms from stem cells.

History and Ethics of Stem Cell Research
Alessandro Blasimme, Ariane Dröschner
Published online: September 2011

Cancer Stem Cells
C Cobaleda, C Vicente-Dueñas, I Romero-Camarero, I Sánchez-García
Published online: January 2012

Cancer Stem Cells – Basic Concepts
Jiří Hatina, Wolfgang A. Schulz
Published online: December 2008

Hematopoietic Stem Cells
Donald B Kohn, Jan A Nolte, Gay M Crooks
Published online: January 2006

Mouse Knockouts: Modifying the Mouse Genome by using Embryonic Stem Cells
Ahmed Mansouri
Published online: December 2007

La recherche par mots-clés :

Narrow Search by Topic

- ▶ Biochemistry (1)
- ▶ Cell Biology (2)
- ▶ Developmental Biology (1)
- ▶ Genetics & Disease (6)
- ▶ Immunology (2)
- ▶ Virology (1)

8 matches found for "hematopoietic"**

Sort by: Relevance

Relevance
A - Z
Z - A
Pub. Date (Newest to Oldest)
Pub. Date (Oldest to Newest)

Tri possible par date, pertinence...

Hematopoietic Stem Cells
Donald B Kohn, Jan A Nolte, Gay M Crooks
Published online: January 2006

Immunodeficiency Syndromes: Gene Therapy
Alain Fischer
Published online: January 2006

Lysosomal Storage Disorders: Gene Therapy
Mario A Cabrera-Salazar, John A Barranger
Published online: January 2006

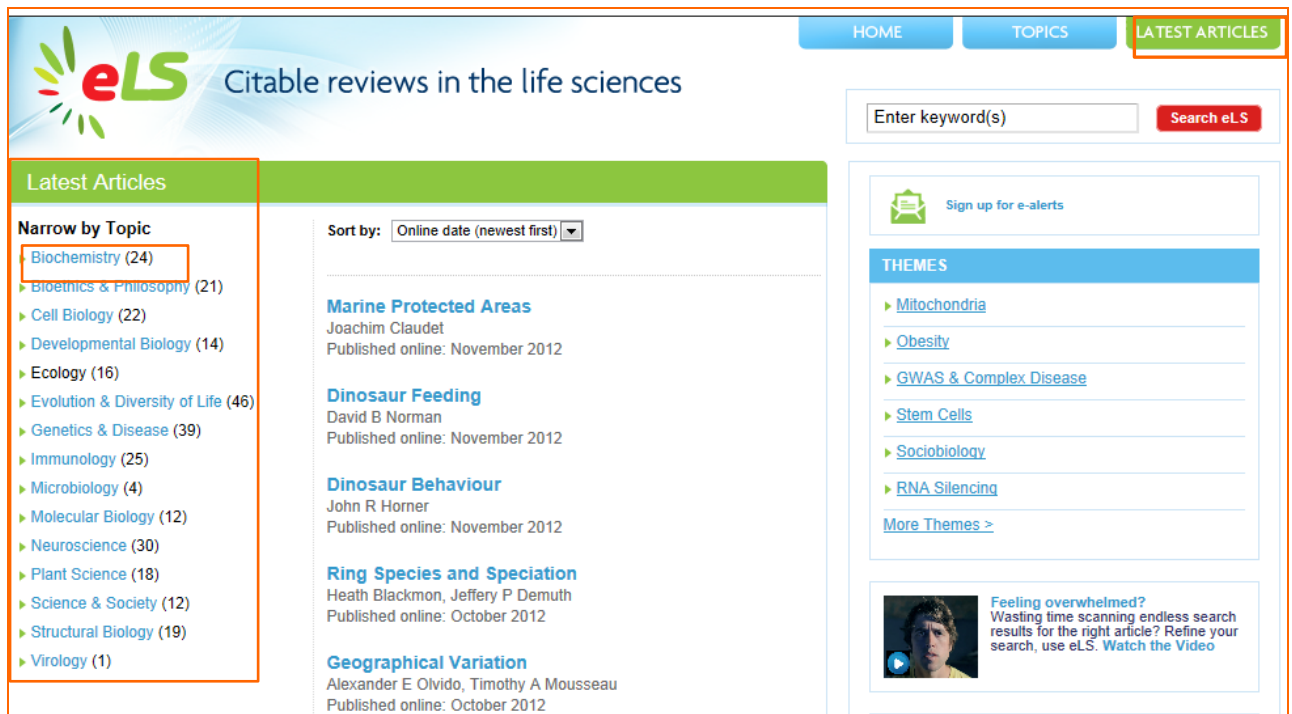
Paroxysmal Nocturnal Hemoglobinuria
Taroh Kinoshita
Published online: April 2012

Mucopolysaccharide Storage Disorders
Mirella Filocamo, David N Cooper, Maja Di Rocco
Published online: January 2011

Somatic Mutations in Polycythaemia Vera and Other Philadelphia Chromosome Negative Myeloproliferative Neoplasms
Lukasz P Gonddek, Jerry J. Snivak

Affine la recherche

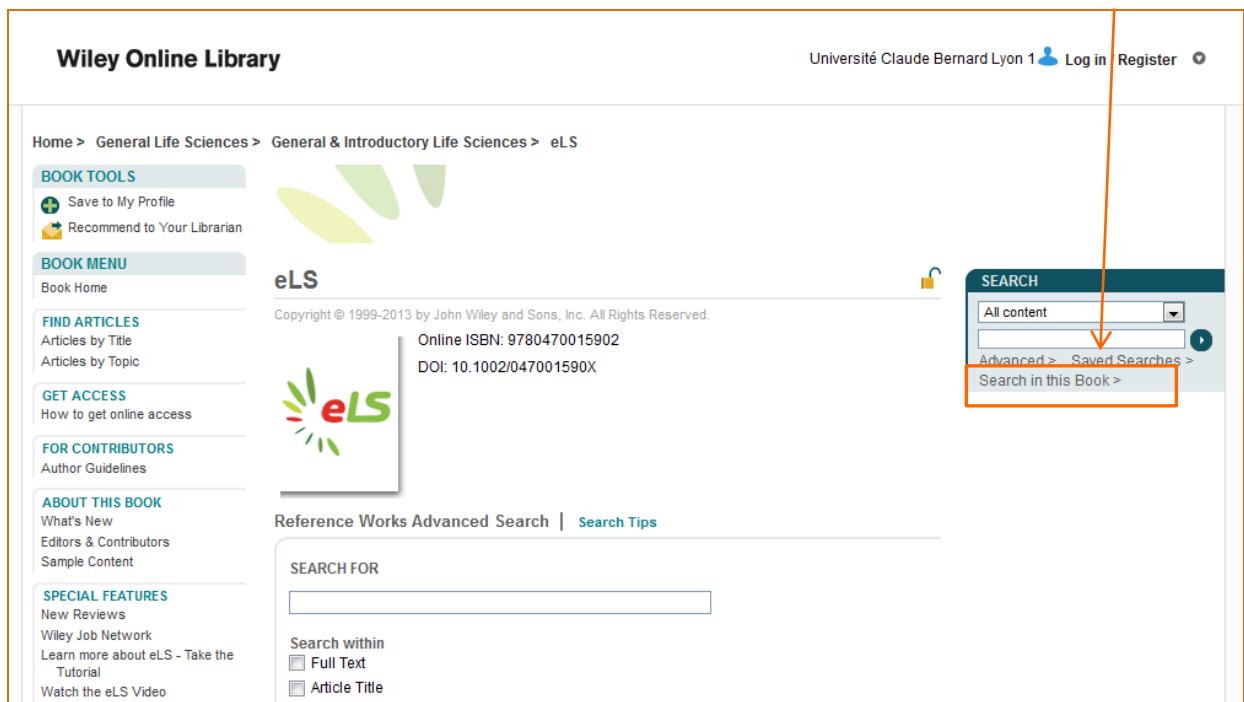
Recherche sur les derniers articles entrés dans l'eLS avec la possibilité de restreindre à un sujet.



2.2 Recherche avancée

Partir du site de Wiley : <http://onlinelibrary.wiley.com.docelec.univ-lyon1.fr/mrw/advanced/search?doi=10.1002/047001590X>

Possibilité de relancer la recherche en sélectionnant « Search in this book »





[Reference Works Advanced Search](#) | [Search Tips](#)

SEARCH FOR

Search within

☒ Full Text

☒ Article Title

☐ Section Title

☐ Author

☐ Tables

☐ Figures

☒ Keywords

ADDITIONAL CRITERIA

Date Range

☐ All Dates

☐ In the last

☒ Between

Please enter 4-digit years.

Article type

☒ All

☒ Standard Article

☒ Keynote

Topic

☐ All

☐ Biochemistry

☐ Bioethics & Philosophy

☒ Cell Biology

☒ Developmental Biology

☒ Ecology

☒ Evolution & Diversity of Life

☒ Genetics & Disease

☒ Immunology

☒ Microbiology

☒ Molecular Biology

☒ Neuroscience

☒ Plant Science

☐ Science & Society

☒ Structural Biology

☒ Virology

Limites sur les champs de recherche :
texte intégral, mots-clés, titre de l'article...

Search Results

There are 35 results for: *hematopoietic* cell* in Full Text and Article Title and Keywords and Standard Article and Keynote and Cell Biology and Developmental Biology and Ecology and Evolution & Diversity of Life and Genetics & Disease and Immunology and Microbiology and Molecular Biology and Neuroscience and Plant Science and Structural Biology and Virology*

Sort by

☐ Select All

VIEW 1 - 20 | 21 - 35

☐ **Paroxysmal Nocturnal Hemoglobinuria**
Standard Article
ELS
Taroh Kinoshita
Published Online : 16 APR 2012, DOI: 10.1002/9780470015902.a0005538.pub2
Abstract | Full Article (HTML) | PDF(427K) | References
Accès Lyon1

FILTER LIST

PUBLICATION TYPE

Journals (0)
Books (35)
Database (0)
Lab Protocols (0)

☐ **Mucopolysaccharide Storage Disorders**
Standard Article
ELS
Mirella Filocamo, David N Cooper and Maja Rocco
Published Online : 17 JAN 2011, DOI: 10.1002/9780470015902.a0006095
Abstract | Full Article (HTML) | PDF(261K) | References
Accès Lyon1

Wiley Online Library

Université Claude Bernard Lyon 1 /

Home > General Life Sciences > General & Introductory Life Sciences > eLS > Abstract

BOOK TOOLS

-
-

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Book Home

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Articles by Topic

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FOR CONTRIBUTORS

Author Guidelines

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Editors & Contributors
Sample Content

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New Reviews
Wiley Job Network
Learn more about eLS - Take the Tutorial
Watch the eLS Video

Standard Article

Paroxysmal Nocturnal Hemoglobinuria

Taroh Kinoshita

Book Title

Published Online: 16 APR 2012

DOI: 10.1002/9780470015902.a0005538.pub2

eLS

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Additional Information

How to Cite | Author Information | Publication History

SEARCH

Advanced > Saved Searches >
Search in this Book >

ARTICLE TOOLS

-
-
-
-

|

3. Affichage des résultats et filtres

3.1 Affichage des résultats

Possibilité d'envoyer l'article par mail, de contacter l'auteur de l'article, d'obtenir la référence de l'article

Gametogenesis

Yuefeng Guan, University of California-Berkeley, California, USA
 Leonor Boavida, University of California-Berkeley, California, USA
 Sheila McCormick, Plant Gene Expression Center, Albany, CA

Published online: January 2010

DOI: 10.1002/9780470015902.a0002037.pub2

[Full Article on Wiley Online Library](#)

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Abstract

Images

References

Gametogenesis is the process of gamete formation, which includes micro- and megagametogenesis. Gametogenesis initiates after specialized cells in the sporophyte undergo meiosis, and subsequent mitotic divisions yield the gametophytic phase of the plant life cycle. In higher plants, microgametogenesis occurs in the anther, producing tricellular pollen with two sperm cells within a vegetative cell. Megagametogenesis occurs in the ovule, producing an embryo sac. The male gametes, the two sperm cells, and the female gametes, the egg and central cell, fuse to yield the zygote and the endosperm, respectively. Both micro- and megagametogenesis are under strict genetic control. Studies of gametophytic mutants have identified genes important for gametogenesis. Furthermore, high-throughput expression profiling techniques have helped identify gene regulatory networks that operate during gametogenesis.

Key concepts:

- Plant life cycles alternate between sporophyte and gametophyte generations.
- Meiosis produces spores which then undergo gametogenesis.
- Higher plants produce two types of gametes, sperm cells in microgametophytes and egg cell and central cell in megagametophytes.
- The male and female gametes fuse and give rise to the zygote and to the endosperm.
- Identification of gametophytic mutants showed that gametogenesis is under strict genetic control.
- Expression profiling studies provided further insight into the gene regulation of gametogenesis and identified new gametophytic genes.

Keywords: pollen; embryo sac; egg; sperm; central cell

Related Sub-Topics:

[Plant Reproduction](#) | [Gametogenesis and Fertilisation](#)

Afficher le résumé, les images, les références, le pdf de l'article

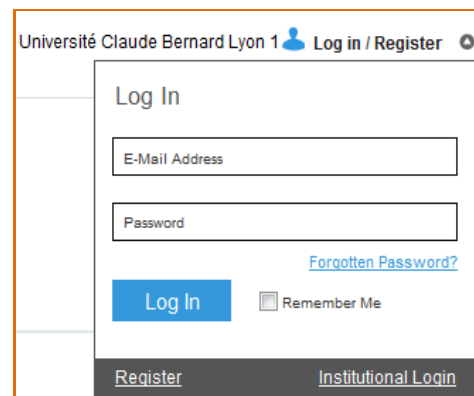
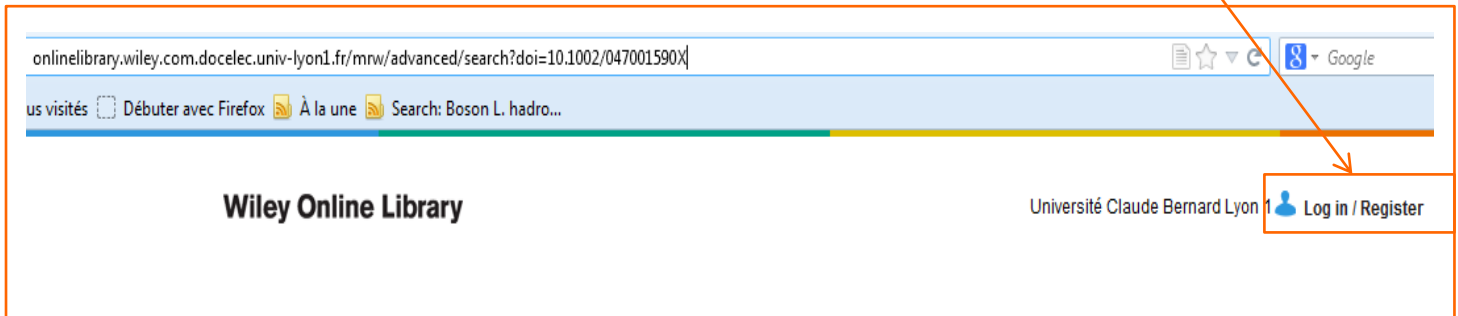
Concepts et mots-clés

Sous-thématiques en lien

4. Sauvegarde des résultats et veille

Ces fonctionnalités nécessitent la création d'un **compte personnel** sur le site général de Wiley :

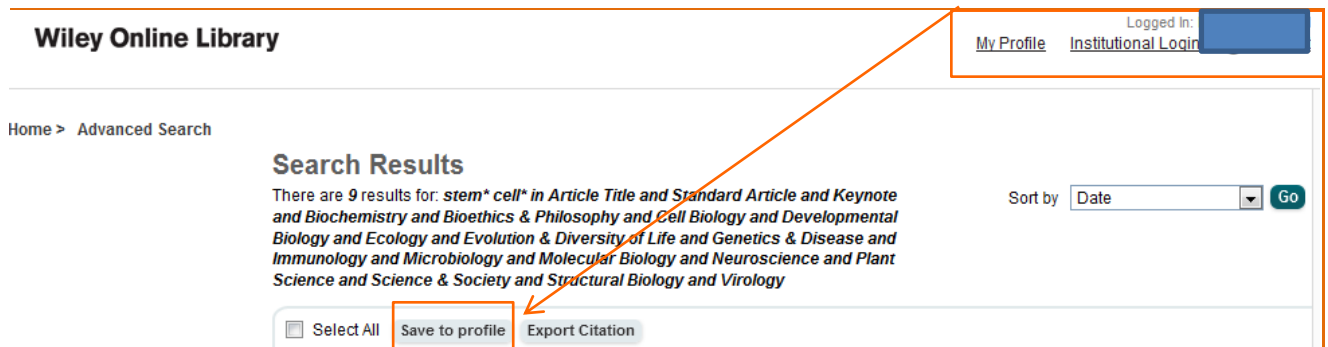
<http://onlinelibrary.wiley.com.docelec.univ-lyon1.fr/mrw/advanced/search?doi=10.1002/047001590X>

A screenshot of the Wiley Online Library login/register form. The form is titled 'Log In' and contains fields for 'E-Mail Address' and 'Password'. Below the password field is a link for 'Forgotten Password?'. A blue 'Log In' button is present, along with a 'Remember Me' checkbox. At the bottom of the form, there are links for 'Register' and 'Institutional Login'. The form is part of a larger page header that includes 'Université Claude Bernard Lyon 1' and a 'Log in / Register' link.

4.1 Sauvegarde des résultats

4.1.1 Sur son compte personnel

S'identifier au préalable, puis sélectionner les références -> **Save to profile**



Wiley Online Library

Logged in: [User Name] [My Profile](#) [Institutional Login](#)

Home > Advanced Search

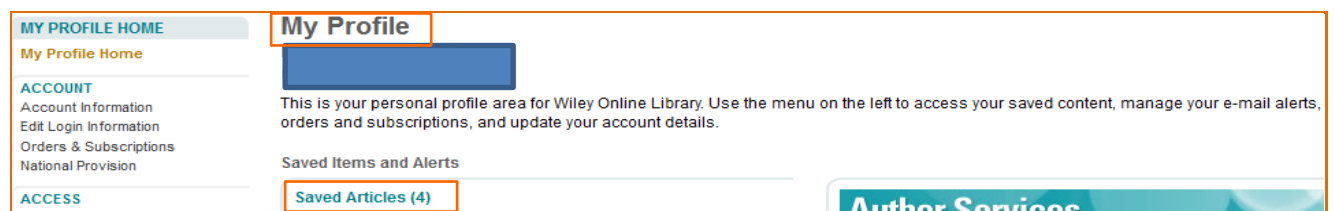
Search Results

There are 9 results for: *stem* cell* in Article Title and Standard Article and Keynote and Biochemistry and Bioethics & Philosophy and Cell Biology and Developmental Biology and Ecology and Evolution & Diversity of Life and Genetics & Disease and Immunology and Microbiology and Molecular Biology and Neuroscience and Plant Science and Science & Society and Structural Biology and Virology*

Sort by: Date [v] **Go**

☐ Select All **Save to profile**

Pour visualiser les références sauvegardées, cliquer sur « My Profile », sous l'intitulé « **Saved Articles** »



MY PROFILE HOME

[My Profile Home](#)

ACCOUNT

Account Information
Edit Login Information
Orders & Subscriptions
National Provision

ACCESS

My Profile

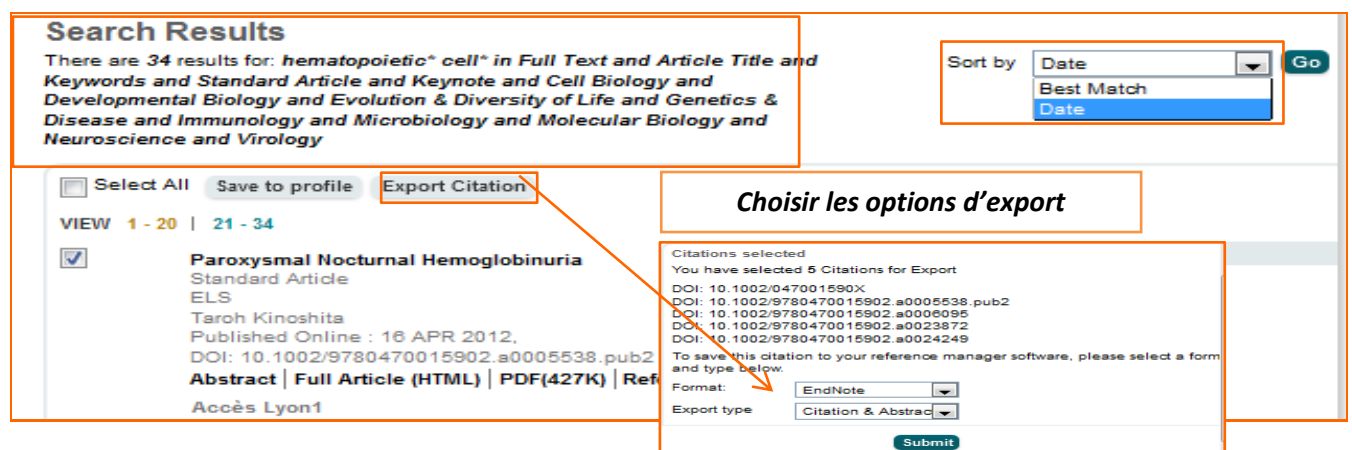
This is your personal profile area for Wiley Online Library. Use the menu on the left to access your saved content, manage your e-mail alerts, orders and subscriptions, and update your account details.

Saved Items and Alerts

Saved Articles (4)

Author Services

4.1.2 En exportant les références sur un logiciel de gestion de références bibliographiques



Search Results

There are 34 results for: *hematopoietic* cell* in Full Text and Article Title and Keywords and Standard Article and Keynote and Cell Biology and Developmental Biology and Evolution & Diversity of Life and Genetics & Disease and Immunology and Microbiology and Molecular Biology and Neuroscience and Virology*

Sort by: Date [v] **Go**

☐ Select All **Export Citation**

VIEW 1 - 20 | 21 - 34

☒ **Paroxysmal Nocturnal Hemoglobinuria**
Standard Article
ELS
Taroh Kinoshita
Published Online : 16 APR 2012,
DOI: 10.1002/9780470015902.a0005538.pub2
Abstract | Full Article (HTML) | PDF(427K) | Ref
Accès Lyon1

Choisir les options d'export

Citations selected
You have selected 5 Citations for Export
DOI: 10.1002/047001590X
DOI: 10.1002/9780470015902.a0005538.pub2
DOI: 10.1002/9780470015902.a0006095
DOI: 10.1002/9780470015902.a0023872
DOI: 10.1002/9780470015902.a0024249
To save this citation to your reference manager software, please select a form and type below:

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Export type:
Submit

NB : Pour **Zotero**, utiliser le dossier  présent dans la barre du navigateur



4.2 Veille – alerte

Sur le site de l'eLS : <http://www.els.net.docelec.univ-lyon1.fr/WileyCDA/> , possibilité de recevoir par mail les nouveaux articles parus dans l'eLS.


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[TOPICS](#)
[LATEST ARTICLES](#)

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Email Address:

5. Autres fonctionnalités



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Tutoriel de l'eLS :
<https://www.brainshark.com/wiley/els2011>

Twitter : suivre les actualités et réagir

Facebook : partager

6. Mémento

Langue(s) d'interrogation	Anglais
Vocabulaire d'interrogation	Langage naturel
Modes de recherche	Recherche simple par sujet, par thème ou par mots-clés ou recherche avancée
Troncature	Astérisque (*) à la fin d'une chaîne de caractères
Opérateurs de recherche	AND, OR , NOT
Affichage des résultats	Résumé, images, références, PDF
Limites	Types de documents, statuts, années
Sauvegarde des résultats	PDF, envoi par mail, export des références, sauvegarde sur profil
Veille	Sauvegarde des stratégies de recherches, alertes e-mail
Autres fonctionnalités	Tutoriel animé, partage sur Facebook, Twitter