



SciVerse ScienceDirect User Guide

October 2010

SciVerse ScienceDirect
Open to accelerate science

Welcome to SciVerse ScienceDirect:

How to get the most from your subscription

SciVerse ScienceDirect is the full-text component of Elsevier's SciVerse, a vital scientific ecosystem that facilitates collaboration, rewards innovation and accelerates the research process itself. SciVerse integrates the familiar – trusted content from SciVerse ScienceDirect full-text articles, SciVerse Scopus peer-reviewed literature, (based on your subscriptions) and the Web, – with the forward-looking: community-developed applications that enrich and expand content value.

Through step-by-step instructions and precise illustrations, this Quick Start Guide will show you how to:

- Perform a basic search
- Review results
- Refine your search
- View your results in detail
- Browse SciVerse ScienceDirect
- Personalize SciVerse ScienceDirect
- Find additional help

Perform a basic search

You may start your research by entering a few keywords within the Quick Search feature available on every page. Quick Search effectively supports the most frequently performed tasks and allows you to search on:

- Related articles by searching specific terms
- Specific titles
- Specific author names
- Specific articles by publication / volume / issue / page
- Images only (e.g. tables, figures, videos)

From the Advanced Search page in the main navigation toolbar, you can restrict your search to a particular subject area, your entitled or favorite sources and date range, or use the Expert search. You may also narrow your search based on the four tabs (Journals, Books, Reference Works and Images).

The screenshot displays the SciVerse search interface. At the top, there are logos for SciVerse and ScienceDirect, along with navigation links for Hub, ScienceDirect, and Scopus. Below this is a green navigation bar with links for Home + Recent Actions, Browse, Search, My settings, and My alerts. The main search area includes a search bar with a dropdown menu for 'Articles' and 'Images', and input fields for 'All fields', 'Author', 'Journal/Book title', 'Volume', 'Issue', and 'Page'. A 'Search ScienceDirect' button is located to the right of these fields. Below the search bar, there are tabs for 'All Sources', 'Journals', 'Books', 'Reference Works', and 'Images'. The 'All Sources' tab is selected. To the right of the tabs are links for 'Advanced search' and 'Expert search'. The search area contains a search input field, a dropdown menu for 'All Fields', and a 'Search tips' link. Below the search input field is a dropdown menu for 'AND'. The 'Include' section has checkboxes for 'Journals' and 'All Books', both of which are checked. The 'Source' section has a dropdown menu for 'All sources'. The 'Subject' section has a dropdown menu with options: '- All Sciences -', 'Agricultural and Biological Sciences', 'Arts and Humanities', and 'Biochemistry, Genetics and Molecular Biology'. A note next to the dropdown menu says 'Hold down the Ctrl key (or Apple Key) to select multiple entries.' The 'Date Range' section has a radio button for 'All Years' and a dropdown menu for '2000' to 'Present'. At the bottom of the search area, there is a 'Search' button and a 'Recall search' link.

Review results

The results list provides the results of your search and gives you the option to view the article in **HTML** (by clicking on the article title) or in **PDF**. By selecting the entitlement icons you can easily verify whether the article's full-text or just its abstract is available to you. The abstract can be viewed through **Show preview** or by **Open all previews**. **Graphical abstracts** are by default available from the results list.

You have the option to sort the results list by either **Relevance** (the default) or **Date**.

With results lists:

- Articles can be **emailed**
- Citations (and abstracts) can be **exported** in various formats
- Up to 20 PDF articles may be downloaded simultaneously by using the **Download multiple PDFs** feature which also allows you to name them automatically or customize to your own file-naming convention

The screenshot shows a search results page for the term 'cell'. The page includes a navigation bar with 'SciVerse', 'ScienceDirect', and 'Scopus' logos, and a search bar with '3,288,630 articles found for: cell'. Below the search bar, there are several callouts: 1 points to the 'E-mail articles' icon; 2 points to the 'Export citations' icon; 3 points to the 'Download multiple PDFs' icon; 4 points to the 'Open all previews' icon; 5 points to the 'Show preview' icon; 6 points to the 'PDF' icon; 7 points to the 'Relevance' sort option; and 8 points to the 'Data' sort option. The results list contains several entries, each with a title, author information, and various icons for actions like 'Show preview' and 'PDF'.

1 Email articles

2 Export this search

3 Download multiple PDFs

4 Open all previews

5 Show previews

6 PDF

7 Relevance

8 Data

Refine your search

The **Search within Results** function allows you to apply more terms to your search query to refine your original search set. You can also limit or exclude **Content Type**, **Journal/Book Title** or **Publication Years** from your results list. In addition, the feature suggests **Topics**, in the form of keywords, that can further refine your search to help you get the results you need.

View your results in detail

The SciVerse ScienceDirect article *tabular view* provides immediate access to article areas of greatest interest, whether it's the full **Article** itself, its **Figures and Tables** or the **References** of the article. As with the results list, you may also **Email the article**, **Export citations** or go to the **PDF**.

SciVerse ScienceDirect Hub | ScienceDirect | Scopus | Logout | Go to SciVal Suite

Home | Recent Actions | Browse | Search | My settings | My alerts

Articles | All fields | Author | Search ScienceDirect | Advanced search | Search tips

Images | Journal/Book title | Volume | Issue | Page

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Back to 1 < Previous 1 of 15 Next > Font Size: A A

PDF (2679 K) | Export citation | Email article | Highlight keywords on

6 Article | 5 Figures/Tables (11) | 4 References (110) | Thumbnails | Full-Size images | Supplementary content for this Article

Experimental Cell Research
Volume 315, Issue 1, February 2008, Pages 50-66

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Research Article

A population of serumdeprivation-induced, bone marrow stem cells (SD-BMSC) expresses marker typical for embryonic and neural stem cells

Steven Sauerzweig^{a, b, c}, Thomas Munsch^a, Volkmär Leßmann^a, Klaus G. Reymann^{a, b} and Holger Braun^a

^aLeibniz Institute for Neurobiology (IN), Projectgroup Neuroparmacology, Brenneckestr. 6, 39118 Magdeburg, Germany
^bResearch Institute for Applied Neuroscience (FAN gGmbH), Leipziger Str. 44, 39120 Magdeburg, Germany
^cInstitute for Physiology, Medizinische Fakultät, Otto-von-Guericke-University, Leipziger Str. 44, 39120 Magdeburg, Germany
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Abstract
The bone marrow represents an easy accessible source of adult stem cells suitable for various cell based therapies. Several studies in recent years suggested the existence of pluripotent stem cells within bone marrow stem cells (BMSC) expressing marker proteins of both embryonic and tissue committed stem cells. These subpopulations were referred to as MAPC, MIAMI and VSEL-cells. Here we describe SD-BMSC (serumdeprivation-induced) BMSC which are included as a distinct subpopulation after complete serumdeprivation. SD-BMSC are generated from small-sized nestin-positive BMSC (S-BMSC) organized as round-shaped cells in the top layer of BMSC-cultures. The generation of SD-BMSC is caused by a selective proliferation of S-BMSC and accompanied by changes in both morphology and gene expression. SD-BMSC up-regulate not only markers typical for neural stem cells like nestin and GFAP, but also proteins characteristic for embryonic cells like Oct4 and SOX2. We hypothesize, that SD-BMSC like MAPC, MIAMI and VSEL-cells represent derivatives from a single pluripotent stem cell fraction within BMSC exhibiting characteristics of embryonic and tissue committed stem cells. The complete removal of serum might offer a simple way to specifically enrich this fraction of pluripotent embryonic like stem cells in BMSC cultures.

Keywords: Serumdeprivation; BMSC; SD-BMSC; ESC; NSC; Stem cells

Abbreviations: BMSC, Bone marrow (derived) stem cells; BrdU, 5-bromo-2-deoxyuridine; S-BMSC, Small-sized nestin-positive BMSC; SD-BMSC, Serumdeprivation-induced BMSC; PBS, Phosphate buffered saline (0.1 M, pH = 7.4)

Article Outline
Introduction
Materials and methods
Cell culture
Mesodermal differentiation
Induction of neurosphere-like structures
Procedure of serumdeprivation
Analysis of cell proliferation by time-lapse imaging

Click icon to view video (opens in new window)

Movie 1: Proliferation of S-BMSC under basal culture conditions. White arrows designate branched S-BMSC located on top of large flattened BMSC. S-BMSC are highly motile and need large BMSC. More...

View within Article | Download this Video

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6 Article

SciVerse ScienceDirect provides much more than just article content, giving you:

- **Supplementary information** submitted by the author(s) in addition to the article itself including videos, audio files, Excel sheets, PowerPoint slides etc
- Suggestions for SciVerse ScienceDirect journal articles **related** to your selected article that reduce the risk of missing other important information
- From SciVerse Scopus, a listing of abstracts **citing** the selected article
- If you are new to a topic, you can find essential and foundational information from **reference works** on SciVerse ScienceDirect directly related to the selected article.

In addition, SciVerse ScienceDirect offers an expanding number of subject-specific datasets from external parties. Examples can be found through the **Highlight keywords** functionality that provides optional hyperlinks to contextual information from within the selected article.

- **EMBL Reflect:** Information on proteins, genes and small molecules as assembled by European Molecular Biology Laboratory (EMBL) with their service, **Reflect**. By clicking on a highlighted element, a pop-up window provides information about the term and allows you to quickly link to:
 - For each protein or gene, Reflect provides domain structure, sub-cellular localization, 3D structure, and interaction partners
 - For small molecules, Reflect provides the chemical structure and interaction partners
- **NextBio:** Correlating information, as compiled by **NextBio**, enabling researchers in Life Science, Health Science and Chemistry to analyze SciVerse ScienceDirect content and search SciVerse ScienceDirect peer-reviewed literature together with publicly available research data from PubMed, clinical trials, experimental data and news articles. Also, on the right-hand side of the results screen, you can find the gateway to contextual information provided by NextBio.

Browse on SciVerse ScienceDirect

As an alternative to search, SciVerse ScienceDirect allows you to browse journal and book titles. You can browse immediately from the homepage as well as through **Browse** via the main navigation.

The screenshot shows the SciVerse ScienceDirect interface. At the top, there is a navigation bar with 'Home + Recent Actions', 'Browse', 'Search', 'My settings', and 'My alerts'. Below this is a search bar with 'All fields' and 'Author' dropdowns, and a 'Search ScienceDirect' button. The main content area is titled '1 items found' and shows a list of journals and books. The table has the following columns: Journal/Book title, Subscription details, Content type, Articles in press, Article feed, Favorites, and Full issue alerts. The 'Browse' button in the top navigation bar is highlighted with a red circle and labeled '1 Main navigation'.

1 Main navigation

On the Browse page you can start with an **alphabetical** list of all the titles, review the list by **Subject** area or dive immediately into your **favorite** titles. Through the display of an entitlement icon you can validate whether you have access to the **full text** or to **abstracts-only**. You can immediately access the latest research by clicking on **Articles in press** (accepted but not yet available in print). Add titles to your **Favorites** list and stay up-to-date by setting up **Article Feeds** and/or **Volume/Issue alerts**.

When you select a title, you will find on the journal and book homepage the **volume/issue lists** and the most recent issue's table of contents for quick access and navigation. View full-text results for subscribed content and abstracts for non-subscribed content.

The screenshot shows the ScienceDirect interface for 'THE LANCET'. At the top, there are navigation links for 'Home + Recent Actions', 'Browse', 'Search', 'My settings', and 'My alerts'. Below this is a search bar with fields for 'All fields', 'Author', 'Volume', 'Issue', and 'Page'. The main content area features the journal title 'THE LANCET' and a copyright notice. A sidebar on the left contains a 'Volume/Issue list' with various issues and their page ranges. The main table of contents lists several articles, each with a checkbox, a title, page number, and options for 'Show preview', 'PDF', and 'Related articles'. Six numbered callouts (1-6) are overlaid on the page: 1 points to the 'New Article Feed' link; 2 points to the 'Add to Favorites' button; 3 points to the 'Alert me about new Volumes / Issues' button; 4 points to the 'Full-text available' checkbox; 5 points to the 'Articles in Press' checkbox; and 6 points to the 'Articles in Press' section in the sidebar.

- 1 Article feed
- 2 Add to favorites
- 3 Alert about new Volumes/Issues
- 4 Full text
- 5 Abstracts-only
- 6 Articles in Press

The Table of Contents page intuitively helps you find what you need by filtering through volume, issue, abstracts or article lists. You will also find various output options (**E-mail articles**, **Export citations** and download and re-name multiple PDFs at once through **PDF Downloader**). From the journal homepage you can easily set-up Volume/Issue alerts as well as Article Feeds.

Personalize SciVerse ScienceDirect

SciVerse ScienceDirect offers a variety of personalization options enabling you to stay up-to-date and customize SciVerse ScienceDirect to your needs.

In order to take advantage of the personalized features on SciVerse ScienceDirect, you need to register for a username and password by establishing a personal profile. You can set-up your profile by clicking on Register in the top, right-hand corner of any page on SciVerse ScienceDirect. To access SciVerse ScienceDirect remotely, please request a remote login username from your librarian instead. On SciVerse you can log on to all products with the same username and password (if subscription permits).

The screenshot displays the SciVerse ScienceDirect user interface. At the top, there is a navigation bar with the SciVerse logo, 'Hub ScienceDirect Scopus', and links for 'Logout' and 'Go to SciVal Suite'. Below this is a secondary navigation bar with 'Home + Recent Actions | Browse | Search | My settings | My alerts' and a 'Help' link. The main content area is divided into several sections:

- Articles:** Search filters for 'All fields' and 'Author', and a search box labeled 'Search ScienceDirect'.
- Browse:** A sidebar with '10,410,968 Articles' and a tree view for 'Browse by title' (A-Z) and 'Browse by subject' (Physical Sciences and Engineering, Life Sciences, Health Sciences, Social Sciences and Humanities).
- Recent Actions:** A section titled 'Turn off' showing a list of recent actions, including 'The Lancet, Volume 376, Issue 9748' and search results for 'serumdeprivation-induced'.
- Quick Links:** A section with 'Favorite Journals / Books' and 'Quick Links in ScienceDirect'.
- News:** A section with 'Want to know more?' and 'Find out more about:'.

Setting-up alerts



On SciVerse ScienceDirect you can create both alerts and RSS Feeds that notify you – on a daily, weekly or monthly basis - when:

- A stored search saved as an alert retrieves **new results** (Search Alert)
- When **new articles** matching a chosen topic are available (Topic Alert)
- A **new volume** of a book series or a **new issue** of a journal becomes available on SciVerse ScienceDirect (Volume/Issue Alert)

Alerts and Feeds can be set up from the search results page, journal homepage and through My Alerts.

1 Search alerts Add search alert

2 Topic alerts Add/Delete topic alerts

Alert name	Alert view	Alert frequency	Alert actions	Topic feed
Catalysis	Latest results Archive/Details	Weekly	Delete	

3 Volume/Issue alerts Add/Delete volume/issue alerts

Alert name	Publication type	Alert view	Alert frequency	Alert actions	Article feed
Cell	Journal	Latest Volume/Issue	As Published	Delete	

- 1 Search alerts
- 2 Topic alerts
- 3 Volumes/Issues alerts

Make SciVerse ScienceDirect yours

As a logged-in user you can adapt the homepage to your needs through personalized categories such as:

- Quick Links (including links outside of SciVerse ScienceDirect)
- Recent Actions
- Favorite Journals/Books

You may turn these features on or off.

My settings

Within My Settings you can modify your personal registration details, edit your preferences, modify your alerts and change your password. You can also view the Electronic Holdings customised to your institute's holdings.

To find additional help

For more information about using SciVerse ScienceDirect, please visit our online resources:

- Elsevier's dedicated information center for SciVerse ScienceDirect - <http://www.info.sciverse.com/sciencedirect/>
- SciVerse ScienceDirect tutorials - <http://www.info.sciverse.com/sciencedirect/using/quickstarttools/tutorials>
- You can also sign up for a live demo or watch a recorded version on Training Desk - <http://trainingdesk.elsevier.com>
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Asia and Australia

Tel: +65 6349 0222

Fax: +65 6733 1050

Email: sginfo@elsevier.com

Europe, Middle East and Africa

Tel: +31 20 485 3767

Fax: +31 20 485 3739

Email: nlinfo@elsevier.com

Japan

Tel: +81 3 5561 5034

Fax: +81 3 5561 5047

Email: jpinfo@elsevier.com

Korea

Tel: +82 2 6714 3000

Fax: +82 2 732 8689

Email: krinfo@elsevier.com

North, Central America and Canada

Tel: +1 888 615 4500

Fax: +1 212 462 1974

Email: usinfo@elsevier.com

South America

Tel: +55 21 3970 9300

Fax: +55 21 2507 1991

Email: brinfo@elsevier.com

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