



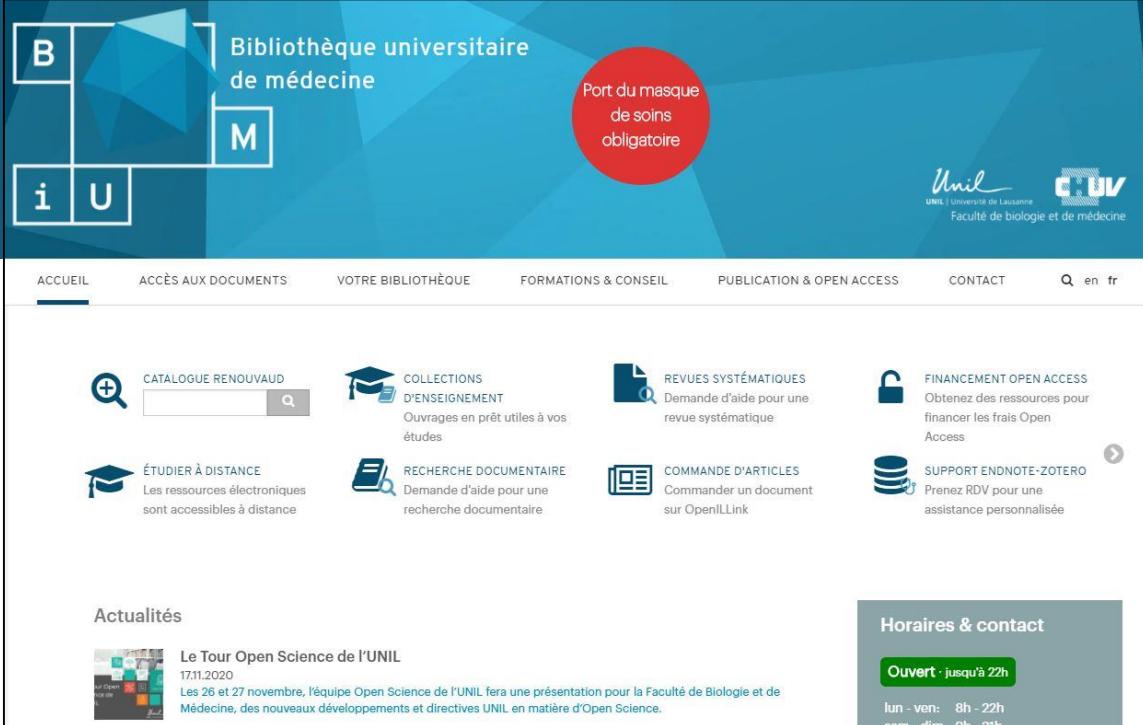
OPEN SCIENCE SERVICES CUSTOMISED FOR THE FACULTY OF BIOLOGY AND MEDICINE

Cécile Lebrand, PhD
Consultante de recherche FBM
University Library of Medicine

PART I: BIUM'S OPEN ACCESS SERVICES



Open Science news and information on the first page of the BiUM website



The screenshot shows the homepage of the BiUM (Bibliothèque universitaire de médecine) website. The header features a blue background with a large white logo on the left consisting of four squares containing the letters B, M, i, and U. To the right of the logo is the text "Bibliothèque universitaire de médecine". A red circular badge on the right side of the header contains the text "Port du masque de soins obligatoire". Below the header is a navigation bar with links: ACCUEIL (underlined), ACCÈS AUX DOCUMENTS, VOTRE BIBLIOTHÈQUE, FORMATIONS & CONSEIL, PUBLICATION & OPEN ACCESS, CONTACT, and a language switcher (en fr). The main content area includes sections for Catalogue renouvaud, Collections d'enseignement, Revues systématiques, Financement Open Access, Étudier à distance, Recherche documentaire, Commande d'articles, Support EndNote-Zotero, Actualités (with a thumbnail for 'Le Tour Open Science de l'UNIL'), and Horaires & contact.

Bibliothèque universitaire
de médecine

Port du masque
de soins
obligatoire

Unil
UNIL | Université de Lausanne

COUV
Faculté de biologie et de médecine

ACCUEIL ACCÈS AUX DOCUMENTS VOTRE BIBLIOTHÈQUE FORMATIONS & CONSEIL PUBLICATION & OPEN ACCESS CONTACT en fr

CATALOGUE RENOUVAUD

COLLECTIONS D'ENSEIGNEMENT

REVUES SYSTÉMATIQUES

FINANCEMENT OPEN ACCESS

ÉTUDIER À DISTANCE

RECHERCHE DOCUMENTAIRE

COMMANDE D'ARTICLES

SUPPORT ENDNOTE-ZOTERO

Actualités

Le Tour Open Science de l'UNIL

17.11.2020

Les 26 et 27 novembre, l'équipe Open Science de l'UNIL fera une présentation pour la Faculté de Biologie et de Médecine, des nouveaux développements et directives UNIL en matière d'Open Science.

Horaires & contact

Ouvert · jusqu'à 22h

lun - ven: 8h - 22h
sam - dim: 9h - 21h

<http://www.biium.ch>

BiUM web pages dedicated to Open Science services and tools made available to the FBM

The screenshot shows the header of the BiUM website with the logo 'Bibliothèque universitaire de médecine' and the text 'UNIL | Université de Lausanne' and 'Faculté de biologie et de médecine'. The header includes links for HOME, ACCESS TO DOCUMENTS, YOUR LIBRARY, TRAINING & CONSULTING, PUBLICATION & OPEN ACCESS, and CONTACT, along with a search bar. Below the header, the breadcrumb navigation shows 'Home > Publication & Open Access > Publication & Open Access'. A large image of a fluorescence microscopy slide showing tissue structure in green, blue, and red is displayed. The main title 'Publication & Open Access' is followed by a sub-section title 'Definition and advantages to Open Access Scientific Publication and Research Data'. A detailed description of Open Access (OA) is provided, mentioning peer-reviewed publications and research data. At the bottom, there are three expandable sections: 'Open Access Explained', 'Advantages', and 'Gold and Green roads'.

Bibliothèque universitaire
de médecine

UNIL | Université de Lausanne

Faculté de biologie et de médecine

HOME ACCESS TO DOCUMENTS YOUR LIBRARY TRAINING & CONSULTING PUBLICATION & OPEN ACCESS CONTACT Q en fr

Home > Publication & Open Access > Publication & Open Access

Publication & Open Access

Definition and advantages to Open Access Scientific Publication and Research Data

Open Access (OA) means unrestricted and free of charge online access and reuse of scientific information. In the context of research, scientific information can refer to (i) **peer-reviewed publications** (published in scholarly journals) or (ii) **research data** (data underlying publications, curated data and/or raw data). Authors can apply open licenses that stipulate that their work can be freely re-used or re-distributed as long as their original contribution is appropriately credited.

Open Access Explained

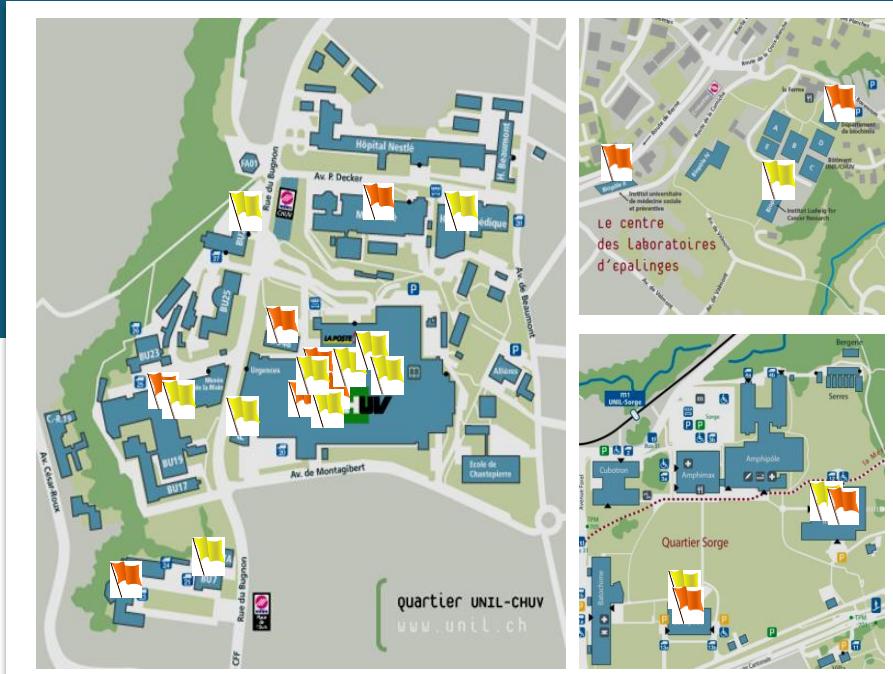
Advantages

Gold and Green roads

<http://www.bium.ch/en/publication-open-access/>

Open Science Seminars and personalized assistance given in FBM UNIL/CHUV departments or services

Assistance by video meeting during the COVID-19 pandemic



BIUM OPEN SCIENCE SEMINARS AND WORKSHOPS

Assistance by video meeting during the COVID-19 pandemic

Already more than 150 seminars or practical workshops related to Open Science.



Continuing education offer:

- Workshops Serval & Open Access
- Workshops ORCID
- Workshops Data Management Plan for SSF et SSC
- Workshops FAIR Data

Consult [notre page d'information sur nos workshops](#)

Serval changes - fundamental principles adopted by the UNIL direction



- Abolition of FBM institutional validations.
- Creation of a record in SERVAL containing the bibliometric data of the publication (metadata) by researcher or data entry agents
- Validation and publication in "public mode" of the record in Serval under the responsibility of the researcher.
- [UNIL Directive 4.6](#) on Open Access and Serval: Authors are required to deposit the PDF version of the publication that is most widely available.

FBM TUTORIAL AND SERVAL PERSONALIZED HELP

Assistance by video meeting during the COVID-19 pandemic

The screenshot shows the UNIL Serval interface. At the top, there's a header with the date "vendredi, 17 juillet 2015", a search bar, and various links like "Donner un avis", "Aide", and "Contact". Below the header is a navigation bar with icons for "Actualités", "Serval", "Campus", "Annuaire", and "Outils". The main search area has a "Mes recherches [7]" button, a search bar, and a "Recherche libre" field. Below this is a table listing publications. The table columns include "Details Type/Fonds", "Visuel", "Référence", "Visibilité", "Modifiée le", "Liens", and "Action". One row is selected, showing a reference to a study on L-carnitine supplementation in postoperative trauma. The "Action" column for this row shows "Serval".

1. Recherche et liens de votre nom avec une publication déjà référencée sur Serval
2. Compléter, éditer et/ou publier une référence déjà sur Serval
3. Saisie automatique de nouvelles publications
4. Saisie manuelle de nouvelles références
5. Saisie en bloc de nouvelles références
6. Dépôt et mise en Open Access du texte intégral PDF d'une publication
7. Exporter vos références Serval dans votre ORCID iD
8. Consulting et aide (p. 42)



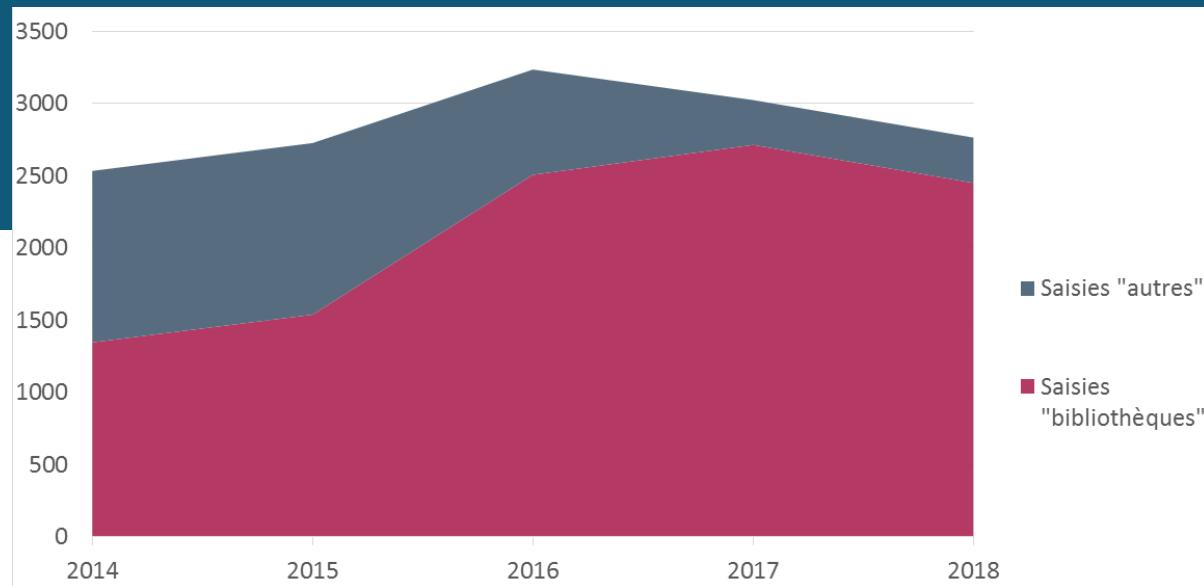
CRÉER UNE
NOTICE

- **Obligatoire**

- Création d'une notice avec les données bibliographiques de la publication (métadonnées)
- [Liens](#) vers les auteur·e·s et les unités (UNIL/CHUV)
- Au plus tard au moment de la publication

FBM decanat mandate - CHUV libraries provide part of the Serval “pre-entries” of FBM UNIL/CHUV references based on PubMed and WOS information

More than 2000 FBM references for SSF-SSC departments
created by CHUV libraries per year.





DÉPOSER LE PDF

- **Obligatoire**

- Version et restrictions d'accès déterminées par le détenteur du droit d'auteur
 - Accès à toute la communauté UNIL
-
- Le PDF ne peut en principe pas être modifié ou éliminé une fois la notice publiée

Intensification of the automatic deposit of PDFs on Serval already in Open Access with a CC BY licence on PMC (4 times a year) - more than 4'700 PDFs already deposited



SHARING
(OPEN ACCESS)

- L'UNIL encourage fortement la publication en Open Access
- Demandé par les bailleurs de fonds
- Toutes les modalités acceptées: immédiat (Gold, Platinum, *Hybride*) et différée (Green)
- Accès public

Personalized help for Open Access implementation of
FBM scientific articles and authors' manuscripts on Serval
Assistance by video meeting during the COVID-19 pandemic

Good visibility of Authors' Manuscripts in Open Access on Serval via the direct link between SERVAL and PubMed

The screenshot shows a web interface for managing manuscripts. At the top, there is a search bar with a 'Search' button and a 'Help' link. Below the search bar, there is an 'Advanced' filter option. On the left, there is a 'Send to' dropdown menu and a 'Full text links' section containing a 'nature' logo and a 'Full-text SERVAL' link. On the right, there is a 'Save items' section with an 'Add to Favorites' button. At the bottom, there is a 'Similar articles' section with a link to a Nature article titled 'Decapentaplegic and growth control in the developing wing disc [Nature. 2015]'.

Advanced

Send to ▾

Full text links

nature

Full-text SERVAL

Save items

Add to Favorites

Similar articles

Decapentaplegic and growth control in the developing wing disc [Nature. 2015]



L'auteur·e est **responsable** du contenu qui lui appartient et doit veiller à qu'il soit d'actualité

- Make sure to declare UNIL/CHUV affiliation according to UNIL [Directive 4.3](#) in scientific publications and communications.
- Verify and complete the pre-entered information (type of document and links to researchers and units/services files)
- Publish the references he has authored in "public mode" in Serval for inclusion in evaluations.
- Compulsory submission and publication of the document associated with the reference in open or restricted access on Serval.

NOUVEAUTÉS OPEN ACCESS

LICENCES AVEC LES MAISONS D'ÉDITION

Web pages dedicated to UNIL financial support for Gold Open Access publication under Read & Publish licences

The screenshot shows a web page with a header featuring the logo of the Université de Lausanne (UNIL) and the Faculty of Biology and Medicine (Bium). The header includes links for Home, Access to Documents, Your Library, Training & Consulting, Publication & Open Access, Contact, and search functions in English and French. Below the header, a breadcrumb navigation shows 'Home > Gold Open Access Financial Support for scientific publications at UNIL/CHUV'. The main title is 'Gold Open Access Financial Support for scientific publications at UNIL/CHUV'. A subtext states: 'UNIL/CHUV researchers can benefit from numerous resources to finance the Author Processing Charges (APCs) necessary to provide Open Access their scientific publications following the gold path.' It mentions SNSF grants and provides a link for more information. Another section discusses negotiations with publishing houses like Elsevier, Springer Nature, and Wiley. At the bottom, it lists 'Research & Publications Officer' contact details: Dr. Cécile Lebrand, Tél. +41 (0)21 314 50 81, and an email address Cecile.lebrand@chuv.ch. A section titled 'Full coverage of APC costs at UNIL' lists Elsevier and Springer Nature, each with a '+' sign to expand more details.

Full coverage of APC costs at UNIL

Elsevier	+
Springer Nature	+

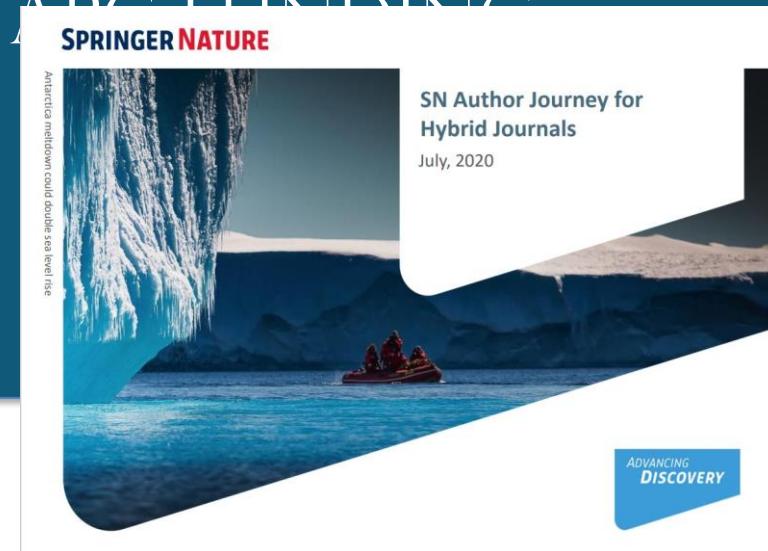
INFORMATION & ADVICE ON ELIGIBILITY REQUIREMENTS AND JOURNALS FOR WHICH FBM RESEARCHERS

BENEFIT FROM APC FUNDING



CONSORTIUM OF SWISS
ACADEMIC LIBRARIES
(CSAL) OPEN ACCESS
AGREEMENT – A GUIDE FOR
CORRESPONDING AUTHORS

How to publish your article open access



Gold Open Access publishing process

When completing the identification process, corresponding authors should identify themselves as eligible and be matched to an institutional agreement.



Submission



Editorial
Acceptance



Identification



Verification



Publication

Corresponding author identifies him/herself as connected to the University of Lausanne follow the UNIL guidelines 4.3 that specify the way researchers from UNIL and CHUV should declare their institutional affiliation within publications and scientific communications.

OA agreement specific eligibility check: in-scope journals, article types

Identified article is sent to the member institution's article approval service (Cecile.lebrand) accounts for final verification of eligibility

Eligible article is published immediately open access

OA Funding note added in article acknowledgments (if applicable)

SELECT THE LICENCE CC BY 4.0

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Diagnostic value of frozen section examination of sentinel lymph nodes in early-stage cervical cancer at the time of ultrastaging

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ELSEVIER

Rights and Access

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Diagnostic value of frozen section examination of sentinel lymph nodes in early-stage cervical cancer at the time of ultrastaging

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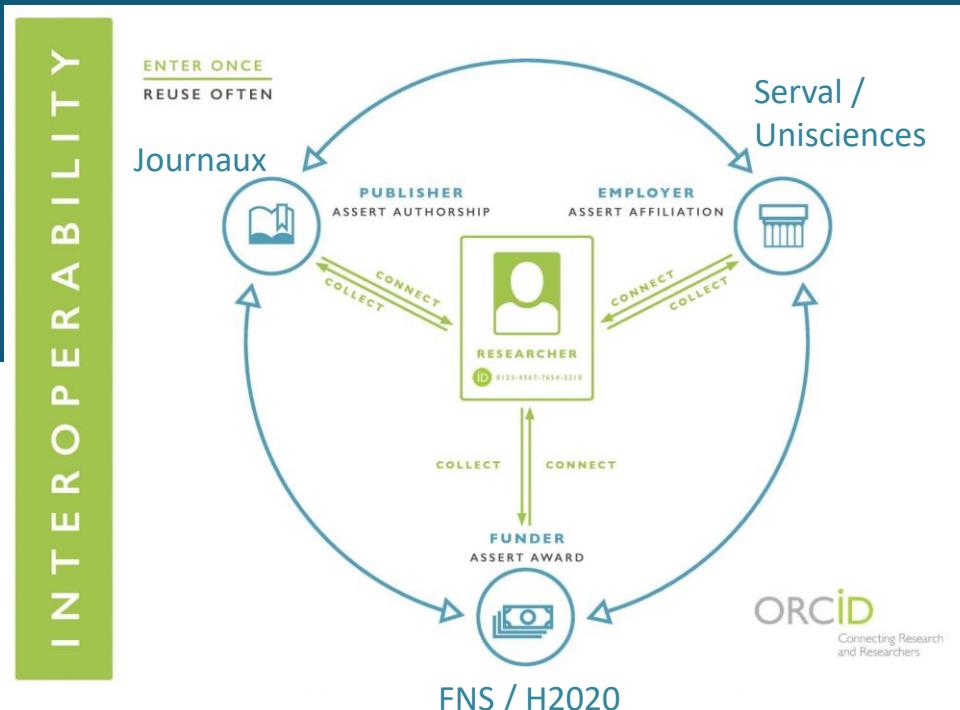
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Optimize your ORCID iD profile to increase the visibility of your intellectual production

Assistance by video meeting during the COVID-19 pandemic



Use your ORCID!

- ✓ Manuscript submission
- ✓ Grant applications
- ✓ Professional society membership
- ✓ Link with other identifiers & profiles
- ✓ Display on your CV, web page..

Nicolas Fasel

ORCID ID



<http://orcid.org/0000-0003-0136-7245>

Responsable Metrics SciCV and reporting of OA publication for the SNFS

Assistance by video meeting during pandemic COVID-19

SciCV – SNSF tests new CV format in biology and medicine

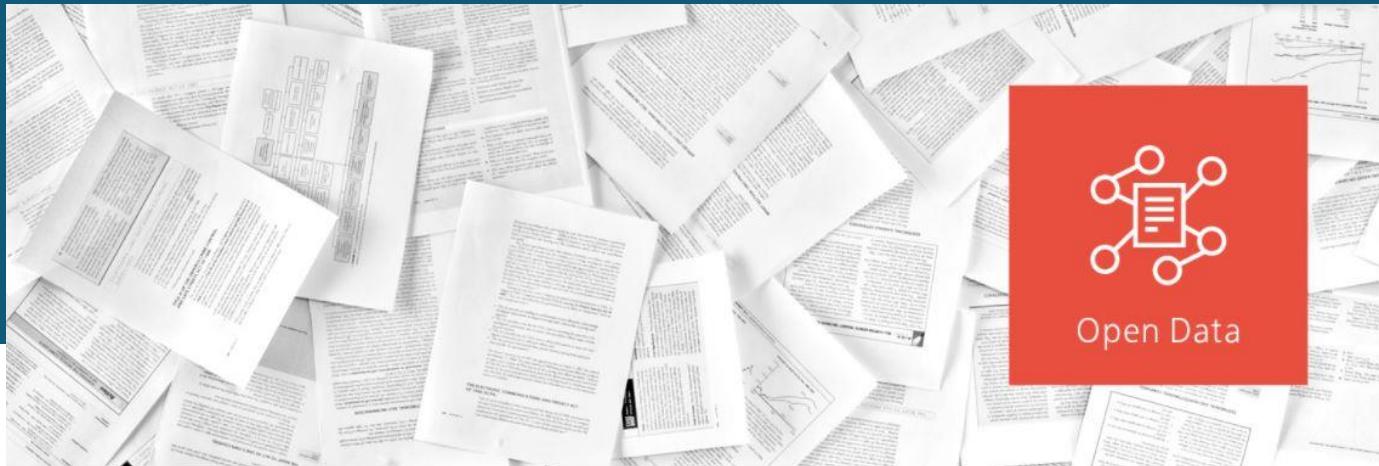
31/Jan/2020



<http://www.snf.ch/fr/poindrecherche/newsroom/Pages/news-2UU151-SciCV-le-fns-teste-un-nouveau-format-de-cv-en-biologie-et-medecine.aspx>

PART II: BIUM'S DATA MANAGEMENT SERVICES

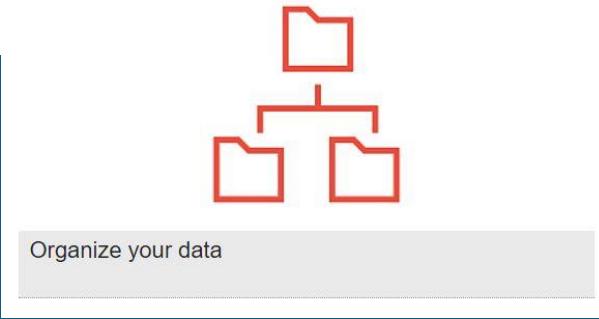
Information, advice and help to FBM researchers
for managing and sharing their data.



NOUVEAUTÉS OPEN DATA

DIRECTIVE GDR

Directive UNIL 4.5 – Traitement et gestion des données de recherche



SHARING OUR EXPERTISE AND AN OPEN SCIENCE TOOLBOX FOR THE FBM

- File formats: tips and recommendations
- Metadata standards: advice and recommendations
- Copyright & Intellectual Property: CC BY licences
- Personal Data: advice and recommendations

<https://www.bium.ch/en/publication-open-access/data-management/>



Data Management Plan - DMP

Templates and tools to efficiently generate a DMP
for SNSF grant application or
for the storage of active data on the DCSR NAS server

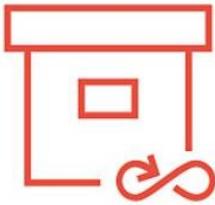
DMP Canvas generator tool (collaboration with the SIB) to efficiently generate two FBM DMP (UNIL or CHUV)

The screenshot shows the DMP Canvas Generator website. At the top, there's a banner with the text "DMP Canvas Generator" and some binary code. Below the banner, the URL "https://dmp.vital-it.ch" is displayed. The main content area has a heading "DMP Canvas Generator" followed by a brief description of the tool's purpose and usage. A "beta" badge is visible. A modal window is open, titled "About the DMP Canvas Generator", containing a detailed description of the tool's functionality. At the bottom of the modal, there's a form field labeled "Project name and description" with a placeholder "Enter project name". The footer of the page includes links for "News", "Acknowledgements", "Edit", "Contact", and a welcome message for "Robin Liechti".

<https://dmp.vital-it.ch/#/login>

DMP Online tool to generate the two templates FBM UNIL or CHUV in the near future. (collaboration with UNIRIS)

The screenshot shows the DMP Online tool interface. At the top, there is a navigation bar with links for "My Dashboard", "Create plans", "Reference", "Help", "Language" (set to English), and "FIRST NAME LAST NAME". Below the navigation bar, a main title reads: "BiUM Template for the faculty of biology and medicine at UNIL-CHUV (ask Cécile Lebrand PhD -FBM Publication & Research Data Management Unit Bibliothèque Universitaire de Médecine- Cecile.lebrand@chuv.ch)". The main content area has tabs for "Project Details", "Plan overview", "Write Plan", "Share", and "Download". Under "Project Details", there is a field for "Project title" containing "BiUM Template for the faculty of biology and medicine at UNIL-C" and a checked checkbox for "mock project for testing, practice, or educational purposes". There are also fields for "Funder" (SNFS) and "Grant number" (your grant number if known). To the right, under "Select Guidance", it says "There is no additional guidance for this template."



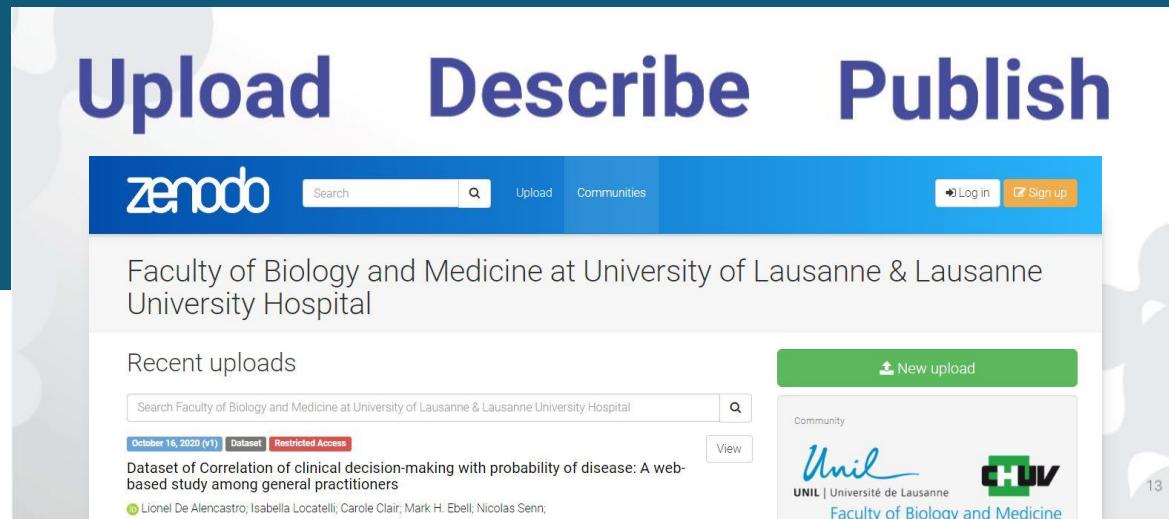
Preservation & sharing

Organize your data for long-term storage on the DCSR NAS

1. Informing and guiding you through the process of reorganizing and describing your research data in the form of an explanatory document called a *readme* file.
2. Once your *readme* file has been read and pre-approved our service will send it to UNIRIS for final validation.

<https://www.bium.ch/processus-dhebergement-donnees-de-recherche-stockage-a-long-terme/>

- Helping to find the most suitable FAIR & NON PROFIT repository for your datasets to be published
- Creation of an FBM community on the Zenodo repository (more than a hundred FBM deposits of the SSF and SSC including 42 in the community).
- Tutorials to deposit a data set or software on Zenodo



https://zenodo.org/communities/fbm_chuv/?page=1&size=20

<https://www.bium.ch/en/publication-open-access/data-management/#2>

In the future: new streaming course on research data management

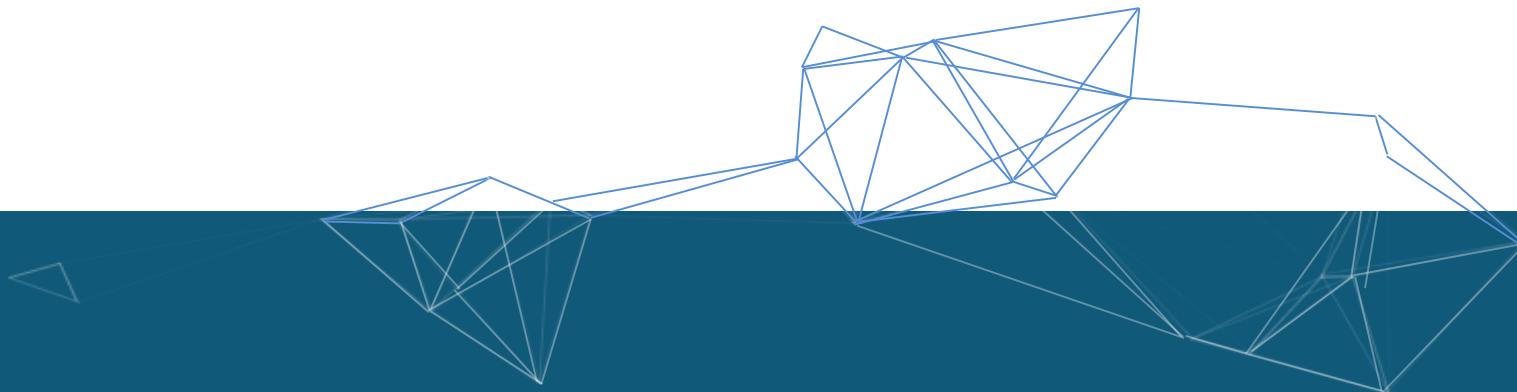
The screenshot shows the homepage of the Swiss Institute of Bioinformatics (SIB). At the top right are buttons for "Let's collaborate", "Careers", and "Contact". Below the header, there are two main navigation menus: "Research infrastructure" and "Scientific com". The main content area features a large title "Data Management Plan" above a table with the following data:

Date	25 - 26 January 2021
Speaker(s)	Cécile Lebrand, Vassilios Ioannidis, Grégoire Rossier
Fees	*academic: 60 CHF - for-profit: 300 CHF
Cancellation deadline	11 Jan 2021
City	Streamed from Lausanne

*academic fee includes non for-profit organisations as well as unemployed participants at the time of application.

Overview

Recent studies have shown that worldwide, between 51% and 89% of published life sciences research is not reproducible, with consequent losses estimated at around \$100 billions/year in biomedical research (Chalmers et al., 2009; Freedman et al., 2015; Begley and Ioannidis, 2015). In particular, these studies have made clear that the research data associated with



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<https://www.bium.ch/publication-open-access/>

Relay the SNSF and H2020 Open Access Guidelines

- Open access to all scientific papers by 2020.
- Decision extended to scientific data behind the articles.



The SNSF provides grants to finance scientific publications in pure Gold OA journals

Changes to OA policy

- Gold OA for books as book processing charge (BPC)
- Gold OA for book chapters as book chapter processing charge (BCPC)
- Embargo of 12 instead of 24 months for books in green OA

Incentives and support

- Upper limit for article processing charges (APCs) of CHF 3000 is not applicable for the time being
- New platform for processing OA grants separately from ongoing projects

Compliance and controlling

- Systematic monitoring of OA compliance
- Automated feedback on OA compliance to grant holders
- No more exceptions from the OA commitment for articles

Communication

- Active communication of the OA policy to researchers, in mySNF and on the SNSF website
- Personal letter to grant holders
- Further communication measures as of 2018

[The changes in detail](#)



FONDS NATIONAL SUISSE
SCHWEIZERISCHER NATIONALFONDS
FONDO NAZIONALE SVIZZERO
SWISS NATIONAL SCIENCE FOUNDATION

Politique Open Access swissuniversities

All publications financed by public funds
available free of charge by 2024

The screenshot shows a website navigation bar with links for Actualité, Service, Thèmes (which is underlined in red), Organisation, Documentation, and a search icon. Below the navigation, a breadcrumb trail shows the path: Home > Thèmes > Digitalisation > Open Access. On the left, there's a sidebar menu under 'Digitalisation' with sections like P-5 Information scientifique, Open Science, and Open Access (which is expanded). Other items in the sidebar include Huit fois "oui" au savoir pour tous, Avantages, Comment publier?, Stratégie nationale et plan d'action, Gouvernance, Négociations avec les éditeurs, Questions et réponses, Ressources pour les hautes écoles, and Conference "Open Access in Action". The main content area features a large red banner with the text "Open Access - Numérique. Mondial. Accessible." and "Open Access Le savoir pour tous". Below the banner, the text "La publication scientifique au 21^e siècle" is visible. To the right of the banner is a vertical sidebar with dropdown menus for Contact, Downloads, Liens, Open Access dans les hautes écoles suisses, and Présentations swissuniversities.

Stratégie nationale Open Access FNS/swissuniversities

UNIL Open Access Policy and Guideline



<https://www.unil.ch/openscience/en/home/menuinst/open-access/open-access-a-lunil/directive-open-access-unil-serval.html>

POLITIQUE SUISSE (GOLD ET GREEN OPEN ACCESS)

Green Open Access

Dépot & OA
manuscrits auteurs sur
SERVAL

Version article à
déposer & période
d'embargo (12 mois)



Gold Open Access

Publier dans revues

1. Pure Gold Open Access.
2. Hybrides mais avec licences Read & Publish