



Project No: 591945-EPP-1-2017-1-DE-EPPKA2-SSA

R3.5. BioS Virtual Library Report

WP3: Development of the BioS Curricula Syllabi and Educational material (OER)

Authoring Partner: P5 BIB, P4 SKYBRIDGE

Co-funded by the
Erasmus+ Programme
of the European Union



Project information

Project acronym:	BioS
Project title:	Digital Skills on Computational Biology for Health Professionals
Agreement number:	2017-3424/591945-EPP-1-2017-1-DE-EPPKA2-SSA
EU programme:	Erasmus+ KA2-Sector Skills Alliances (SSA)
Project website:	https://www.BioS-project.eu/site/
Authoring Partner(s):	BIB

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Virtual Library Content

The BioS Project has developed a Virtual Library, offering a collection of educative supplementary materials for participants. These materials consist in a wide variety of materials to deepen some of the concepts and skills to be developed during the course: opinion articles on the current state of a given research field, the impact of bioinformatics in the field of personalized medicine, the need for training of health professionals, literature reviews on a scientific aspect, or introductory articles on some of the concepts covered during the course, among others.

Our aim has been to provide materials to motivate and attract the interest of the participants. We have not tried to cover all the aspects touched upon in each module, but rather to offer a collection of attractive materials for the reader. Currently, there is an enormous amount of educational and scientific material available that can be used to complement the contents of the BioS Project. Our goal has been to offer an interesting and appropriate collection of materials, not a systematic review of all existing materials. All the materials presented in the virtual library are either open access or have been approved by the authors for dissemination.

For their elaboration, the professors of each of the BioS modules were asked to propose materials to the module coordinator. The other members of the project were also asked to propose complementary materials, both in English and in the other languages of the consortium. The scientific coordinator of the project, together with the coordinators of the four modules, selected the materials that met the above conditions of scientific quality, appropriateness and open access. For some of the consortium languages this decision was taken by other members of the BioS project, after informing the scientific coordinator about the type of contents selected. The suggested materials have the approval of all consortium members.

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Access to the BioS Virtual Library

The Virtual Library is directly accessible through the BioS website: <https://bios-project.eu/site/>

The user can select “Relevant Material” and finds relevant articles listed on Bioinformatics, EU Policy and the Healthcare Sector. The material can be sorted by these three topics.

The screenshot shows a web browser window with the URL <https://bios-project.eu/site/en/virtual-library/relevant.html>. The page features the BioS logo and a navigation menu with links for HOME, PROJECT, ONLINE COURSE, VIRTUAL LIBRARY, FINAL EVENT, NEWS, and CONTACT. There are also flags for the United Kingdom, Germany, Spain, France, and Italy. The main heading is "Relevant Material". Below the heading, a paragraph describes the "BioS Virtual Library" as an OER Database. At the bottom, there are four tabs: "All" (selected), "Bioinformatics", "EU Policy", and "Healthcare Sector". Below the tabs, there are four article thumbnails with titles such as "A Quick Guide to Genomics and Bioinformatics Training for Clinical and Public Audiences", "Adapting bioinformatics curricula for big data", "Big Data Analytics in Medicine and Healthcare", and "Big Data and Health Care: Challenges and Opportunities for Coordinated Policy Development in the EU".






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The user can also find “Citation Reading Material”. Under this tab, he is able to sort the citations by the four BioS course modules and by language.

← → ↻ <https://bios-project.eu/site/en/virtual-library/citation.html> 📄 🏠 ⭐ 🗑️ 👤 ...

BioS HOME PROJECT ▾ ONLINE COURSE VIRTUAL LIBRARY ▾ FINAL EVENT NEWS CONTACT     

Citation Reading Material

MODULES

Module 1 1

Module 2 2

Module 3 7

Module 4 1

ABOUT 11 RESULTS

European strategies in predictive, preventive and personalised medicine
[Costigliola V, Trovato G - Berlin, 2011](#)
🔗 Module 1
👁 View 🖨 Print

Bioinformatics and Computational Tools for Next-Generation Sequencing Analysis in Clinical Genetics

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