

RESOURCES RELEVANT TO BIOLOGICAL SCIENCES EDUCATION

GENERAL ACCESS TO BIOLOGICAL SCIENCES EDUCATIONAL MATERIALS:

BiosciEdNet: A digital library of the biological sciences for teaching

<http://www.bioscienednet.org/portal/>

This resource is managed by the AAAS and contains over 3,100 reviewed resources covering 76 topics in the biological sciences. Resources primarily come from collaborative partner organizations that individually have specific science education goals. For example, the ASBMB (the American Society for Biochemistry and Molecular Biology) is one such partner and focuses on education in biochemistry and molecular biology.

BIOCHEMISTRY EDUCATION RESOURCES:

BioMolecules Alive

<http://www.biomoleculesalive.org/>

This is an ASBMB digital library resource for teaching biochemistry and molecular biology. It is one example of the resources available via the BiosciEdNet. It is still in the early stages of development and they are soliciting feedback from educators about content, design, bugs and suchlike.

BAMBED

www.bambled.org

This journal is a joint venture between the ASBMB and the International Union of Biochemistry and Molecular Biology (IUBMB). Biochemistry and Molecular Biology Education (BAMBED) used to be known as the journal Biochemical Education.

MICROBIOLOGY EDUCATION RESOURCES:

MicrobeWorld

<http://www.microbeworld.org/home.htm>

This is a major gateway to extensive resources about the microbial world, provide by the American Society for Microbiology (ASM). This gateway includes weekly news about microbes, in-depth articles about featured microbes, and access to sites designed for educators, students and professional scientists.

Microbe Library

<http://www.microbelibrary.org/>

This is a peer-reviewed collection of over 1000 original resources for teaching undergraduate microbiology. Some might be useful for medical education. Courtesy of ASM.

Waksman Foundation for Microbiology:

<http://www.waksmanfoundation.org/>

The Foundation supports research and education in the general field of microbiology, including medical disciplines.

GENETICS EDUCATION RESOURCES:

http://genetics.faseb.org/genetics/g-gsa/sites_of_interest.shtml

The Genetics Society of America (GSA) maintains links to a set of resources for teaching genetics. Many are about specific topics that may be of interest in medical education, including bioethics.