9 Best Free Linux Biology Tools

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Biology is a natural science concerned with the study of living things, ranging from microscopic organisms up to the largest known animal, the blue whale. It is divided into many specialized fields including evolution, ecology, zoology, botany, genetics, microbiology and molecular biology. This science examines function, structure, origin, growth, evolution, distribution and taxonomy.

Biology is extremely relevant to our daily lives, as it helps us to understand how living things work, including the human body. Furthermore, the study of biology is crucial in the development of new food products, to protect the environmental quality of our world, and improving human health e.g. through the discovery of new medical treatments and tests for diseases.

Modern biology is founded on four main components: cell theory, evolution, gene theory, and homeostasis. Schools recognize the importance of biology to society, regarding it as one of the three most important branches of sciences, alongside physics and chemistry. We covered the best open source Linux software available for these disciplines in the following articles: Physics, Chemistry.

Biology is at the cutting edge of scientific research and development. In the past 40 years, biology has advanced enormously revealing a wealth of information about the millions of different organisms inhabiting our planet, including, of course, ourselves. Biology continues to grab the headlines with much excitement being generated in the fields of synthetic biology (combining science and engineering) and genomics (the study of the genomes of organisms).

A good range of open source biology software is available for Linux. This article focuses on selecting our favorite tools which are extremely useful for biologists. We hope this feature offers a useful resource for biologists and students alike. With the diverse range of software, there should be something of interest here for all budding biologists. Here?s our legendary rating chart showing our top recommendations.

[2]

Also: [Vorta BorgBackup GUI Now Available For Install On Linux From Flathub](https://www.linuxuprising.com/2019/06/vorta-borgbackup-gui-now-available-for.html) [3]

[Software](#)

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[1] http://www.tuxmachines.org/taxonomy/term/38
[2] https://www.linuxlinks.com/biology/
[3] https://www.linuxuprising.com/2019/06/vorta-borgbackup-gui-now-available-for.html