

## **MAIN STAGES DEVELOPMENTAL BIOLOGY**

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History of the origin, formation and development of biological science can be interesting not only professional - biologist, whether researcher or student, but simply the modern intelligent human. It first of all concerns specialists and students of the medical–biological profile of various higher education institutions since each stage of the development, each direction of biology has so many examples, the actual material, traces evolution of scientific thought, is a devotion illustration to science, favorite occupation on examples of biographies of scientists, history of inventions, opening, supervision. Such material has informative value since biological values of various areas (botany, zoology and their subsections on objects of studying, and also all-biological disciplines, for example, theory of evolution, morphology, anatomy, cytology etc.) created base for formation and development of a large number of the modern scientific directions such as immunology, a path physiology, genetics etc. Educational value is that it substantially promotes increase of interest and activity of students, brings up positive traits of character, forms outlook, broadens horizons.

In this regard, the aim of our work was to investigate the history of biology, the definition of a vector of its development in certain periods, as well as major discoveries and their implications for scientific, technical and practical progress of mankind. In the work characterized the era of practical prescientific knowledge, science antiquity Middle Ages, and design of the basic biological sciences, the development of biology in XVI-XVIII, the first and second half of the XIX century; identified and characterized the major scientific schools and their leaders - outstanding scientists of different industries and value their development.

In our work, we limited the term only to the twentieth century, as the history of biology XX and XXI centuries has such a wealth of material that requires a separate study.