

2. Complexity of life

Reading popular scientific literature we do not realize that the structure of living cells can be that complex. There are two explanations for this situation. The authors of popular scientific books and articles do not write about the molecular structure of cells because they think that it is too difficult to comprehend by the typical reader. However it is impossible to realize how complex the cell is until we look into its operation at the molecular level. It is the details which are important to comprehend cell complexity.

The second explanation is that evolutionists try to persuade us that life is very simple. If life is simple it means that it could arise spontaneously from inorganic matter. It was natural to think that the cell was very simple as it was not possible to penetrate its secrets with an optical microscope. However, with the development of new scientific tools in the second half of the 20th century, a new molecular world which had not been visible before opened before our eyes. Genetics and molecular biology have made huge advancements during the last 60 years providing new and startling knowledge. Our understanding of life has been increasing significantly, especially over the last twenty years and it is still accelerating.

These new discoveries not only show that life has been in existence for almost 4 billion years, but also that right from the beginning it was very complex. Even the simplest single cell organisms, such as bacteria, had very sophisticated structures and control systems.

My book, "The New Genesis", attempts to give readers an understanding of the complexity of cells. However, it is difficult to convey this complexity without describing its basic molecular composition and structures.

One of the main goals of this book is to provide an independent assessment of biological knowledge and evaluate it using methodology used in physics and engineering. I think that similar standards and rules should be used to treat biological systems as mechanical or electronic systems. This book is for the ordinary reader who is not familiar with molecular biochemistry.

In the next articles I will try to emphasize the most amazing attributes of life. I will try to outline the most important characteristics of the cell, its operation and functions. I will study some aspects of evolution and demonstrate its limitations. I

invite readers to comment and to ask questions.