

Université Badji Mokhtar Annaba

Filières : Toutes les spécialités de l'Ecologie + Toutes les spécialités de La BA

Faculté des Sciences

Intitulé du Module : Anglais Scientifique

Département de Biologie

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Année : 2019/2020

TD1 INTRODUCTION TO SCIENTIFIC ARTICLES

Article 1:

Today life diversity on earth is the result of evolution. On Earth life began at least 4 billion years ago and it has been evolving every year. In the beginning, all living things on earth were single celled organism, after several years, multicellular organism evolved after that diversity in life on earth increased day by day.

DNA (deoxyribonucleic acid) is the double helix structure. Its duplicate copies have coded information coiled up in almost all of the 100,000,000,000,000 (one hundred trillion) cells in your body. In human DNA has 46 segments; 23 segments received from father and 23 from mother. Each DNA contains exclusive information that determines what you look like, your personality and how your body cell is to function throughout your life.

If one cell whole DNA was uncoiled and stretched out then it would be six feet long. Its detailed structure could not be seen due to its thin structure even under electron microscope. If all the coded information from one cell of one person were printed on books then it would fill a library of four thousand books and if the whole body DNA were positioned continuously, it would extend from here to Moon more than 500,000 times. If one set of DNA from each individual who still lived were placed in a *pile*, the final pile would weigh less than an aspirin.

Muhammed Aqeel Achref and Maliha Sarfraz (2015) .Saudi Journal Biological Sciences .

The questions :

- 1- What are the key words of the text ?
- 2- In your own words , give the general idea of the text.
- 3- From your previous knowledge , what is the link between DNA and mutation?
- 4- What makes this article different from literary texts ? Illustrate with examples from the article .