

Nanomedicine: An Evolving Research

Cal RN*

Department of Biomedicine, Federal University of Triangulo Mineiro (Uberaba), Brazil

Opinion

Nanomedicine is undoubtedly very promising because it involves high quality technologies and precision in the detection and treatment of diseases. Not so long ago this new branch of study and research emerged, that is, in general, it is recent. The increase in the financial investment in nanomedicine in the most diverse countries of the world is very important and essential in several aspects, as in the improvement of the quality of the scientific research carried out and in the laboratories involved, the greater hiring of qualified teachers and researchers, related in this new branch of medicine and among others. In this way, the chances of curing fatal diseases will increase and the types of treatment and diagnosis of the diseases will be better.

Currently there are not a large number of nanomedicine teaching and research centers in the world, for this reason, the construction of highly modern and appropriate new places, the hiring of researchers, very well qualified professors and others involved and the improvement in all the aspects of existing teaching and research centres of nanomedicine are extremely important for the socio-economic development of the country.

There are not many research and study centres that apply nanomedicine, so it is essential that there is a greater number of highly appropriate places of study and research of nanomedicine, with very skilled people and excellent technologies to apply the fundamentals, methodologies and objectives of nanomedicine in practice, making the results of the work very satisfactory.

The manufacture of highly modern medical devices that indicate the result of the examination done quickly with high precision in the diagnosis is of fundamental importance for the life of the patient, emphasizing that the early diagnosis is essential for the success of the treatment of the disease. In addition, schools, colleges and universities need to better understand the applications, fundamentals and

objectives of nanomedicine so that the knowledge generated from large and important scientific studies can be disseminated through various means of communication such as the internet, television, radio and other ways, and there are important partnerships between research and study centres in different countries, for example. That would make nanomedicine gain much more prominence in the world media by making more people show interest in working or investing financially, for example, sponsor, in this very promising industry.

It is also very important that there is the dissemination of information related to nanomedicine in the centers of study and research in the world that did not divulge the importance of nanomedicine in the life of the human being. For this reason, politicians play a very important role in this regard, that is, there must be a greater awareness of the importance that nanomedicine brings to the patient, for example, in the elaboration of laws and projects that help the work of those who are involved in nanomedicine in the world and in the construction of research and study centers with many very modern technologies. Nanomedicine means the use of nanotechnology in methodologies, for example, the application of nanoprobe equipped with intelligent chip in the human body to detect in a more precise and fast way the disease and then treat it quickly as well. It is very important that there be methods such as vaccination to totally prevent the transmission of a certain disease to another person or from an animal to a person.

Many high-quality research and testing centres have long used experimental animals to study pathologies in order to better understand the disease to discover new drugs, vaccines or other forms of disease prevention, detection and therapeutic resource. Unfortunately there are fatal diseases, even though there are many high quality scientific investigation. Therefore, the role that nanomedicine brings to the whole world society is undoubtedly of utmost importance for the benefit of the human being.

*Corresponding author: Rodrigo Nunes Cal, Department of Biomedicine, Federal University of Triangulo Mineiro (Uberaba), Brazil, Tel: +55 34 3700-6000; E-mail: rodrigonunescal@yahoo.com

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