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Editorial

Writing an article “to be open access published”

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Biomedical Sciences Today publishes articles fully open and fully free to access. This brings opportunities on one side for authors to reach out to all readers irrespective of their affiliations, geographical locations and financial conditions. On the other side the readers read and learn from authors at no cost and facing no conditional barriers other than their own possible academic condition. This brings a real challenge on authors to shape their findings in a manner so that those may reach at many general type of readers going often beyond the circle of narrow academic fields. Through these articles the authors update the progresses in their fields as well as often help attract new students, academicians, industry researchers and even occasionally completely new but highly interested, motivated free thinking pupils/personnels to their fields and possibly trying to move to these areas. Writing open access articles therefore puts extra responsibilities and challenges on authors. These articles must bring first excellent and substantial amount of information which need to make a clear background of the problem so that besides existing people working in the fields new ones get enough education materials to learn from. These articles must also secondly provide considerable amount of updated and focused information on specific fields based on recent findings so that new visitors in the field and vulnerable readers find them attractive enough to entertain themselves continuously through learning things that emerge in discovery point of views. The third and perhaps the most important aspect of open access publication is to take todays findings to the depth of future and push them strongly towards and knocking on the doors of more and more people with broader range of experiences and objectives and versatile interests. These papers need to have ingredients enough so that they advertise themselves via spreading their flavor in highways continuously occupied by mass population with versatile interests and objectives. Writing such an article is quite challenging. Biomedical Sciences today is keen to helping our authors in this perspective and get them succeed.

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Authors' Biosketches

Prof. Ashrafuzzaman

Dr. Ashrafuzzaman works in the domain of biophysics. Stability of the structures of biomolecules, their independent random existence, coexistence with other molecules <complex biological structures> in biological environment, especially in cellular environment (cell membrane, cellular interior and exterior regions where various proteins exist) are often energy- based biophysical problems. Going beyond simple biochemical approaches we apply various biophysical techniques to not just observe things or measure the effects but also try to understand the hidden causes of responses, underlying mechanisms and aftermath effects using response theory based science. We apply all three common methodologies of investigations: theory, experiments and computation to penetrate dip into the problems. Our techniques are dedicated mainly to first finding the equilibrium structures, calculating the energies corresponding to specific structures, then raising the understanding of phenomenological structural transitions between various energy landscapes that represent various functional aspects. For more contact at mashrafuzzaman@ksu.edu.sa.

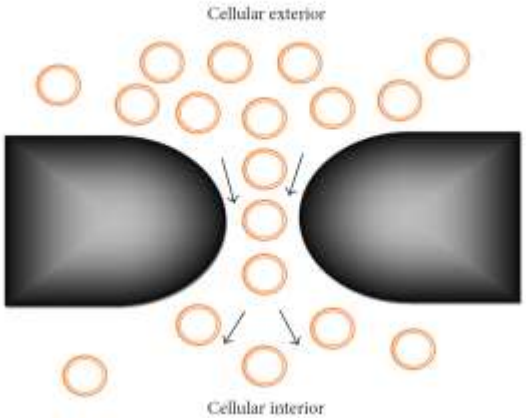

Figure demonstrates the cell membrane diffusion of nanoparticles that is explored biophysically and biochemically in Dr. Ashrafuzzaman's laboratory.