

Brief Interview with Dr. Jkri Card (Editor)

Current Synthetic and Systems Biology

1. How many years have you been associated with the current research?

I have been involved in scientific research for many years. My DSc Thesis dates back to 1957.

2. What is the research topic you are working on now?

Study how non-equilibrium thermodynamics imposes to a complex multimolecular system its organization and dynamic behaviour.

3. What are attributes for a quality article?

To me, the attributes of a quality paper are its originality, the rigour of the approach and the difficulty of the problem under study.

4. Do you have any research funding (NIH or other national funding) now?

As a retired University Professor in France, I do not benefit of any research funding.

5. When did you become an editor of OMICS Journal?

A few days ago.

6. Where can the journal find the maximum scope in terms of niche?

When it deals with new problems or with old problems studied through a new approach.

7. What is your greatest career accomplishment?

Perhaps the concept of “enzyme memory” i.e. the fact that a monomeric enzyme retains for a while, or “recalls”, a previous conformation induced by the binding of the substrate to the enzyme and remaining for a while upon desorption of this substrate. The free enzyme then appears under several conformations that possess different affinities for the substrate and, even though there is no true cooperativity between different sites of

the same protein, there appears a kinetic cooperativity that can be positive or negative, even when the enzyme is monomeric. This situation can give the enzyme the ability to “sense” the direction of a concentration change, i.e. the enzyme system is able to “sense” whether a concentration is reached after an increase, or a decrease. These papers are probably more cited than others about self-organization of multimolecular systems which I believe more important.

8. How does the published scientific content assist the potential researchers?

By putting the emphasis on new problems, or by taking a fresh view of the old ones.

9. What is the purpose of serving as an editor?

Try to promote the study of new problems and help solve the old ones.

10. Do you have any patents?

I don't.

11. Have you contributed any editorials or papers (any types) to OMICS Journals in the past two years?

Not much, except a paper about the origins of life recently published in Current Synthetic and Systems Biology.

12. Do you plan to contribute any editorials or papers to OMICS Journals in the next year?

That could be quite possible if my views are compatible with those of other Editors.

13. How would you define your experience with OMICS Group?

So far it is a pleasant experience.

14. Your opinion on conducting Editorial Board meetings at related Conferences?

That would be possible but would depend upon the subject.

15. Would you recommend OMICS to your friends or colleagues?

No doubt, I will.

16. How do you differentiate Journal of Current Synthetic and Systems Biology with other journals in the field?

Nearly everything is different, most of the topics and the way these topics are approached.