

Brief Interview with Dr. Ram Samudrala (Editorial Board Member)

Journal of Bioengineering and Biomedical Sciences

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

All my life in a sense, but as a PI for 14 years.

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

Protein and proteome structure, function, interaction

3. What makes an article top quality?

The rigourousness in terms of performing controlled experiments to test hypotheses. How hard it tries to differentiate a particular observation from something that could occur by chance. This is what science is for me.

4. What are the qualities you look for in an article?

See above.

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

Yes, 2010 NIH Director's Pioneer Award.

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

From 2010.

7. What is your greatest career accomplishment?

I was the first to predict protein structures in a blind manner in both comparative modelling and de novo prediction at the first CASP1-3 working with John Moult and Michael Levitt (see <http://compbio.org/publications.html> - particularly from 1995-2000).

Then I've published over a 110 papers, but most importantly, our work on drug discovery

has been the most significant since I was a PI (see the 2005 JAMA paper, 2008 Trends in Pharmacological Sciences paper, and the 2014 Drug Discovery Today paper).

8. How does the research published percolate through to practitioners?

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

We're doing the in vitro clinical studies of some of our predictions. See answer to patent question below.

10. Do you have any patents?

Yes. One of this on dengue peptides is licensed by Ennaid Therapeutics.

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

Yes.

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

I'd like to - I have one that I'd like to send in.

13. Do you have any trouble with OMICS Journals in the past?

No.

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

Yes.

15. How do you differentiate Journal of Bioengineering & Biomedical Science with other journals in the field?

It describes what I do in its entirety - what I do has both engineering and medical applications and this is usually not considered by many departments. It is truly an interdisciplinary umbrella.