



Boominathan Lakshmanane <boominathan.lakshmanane@gmail.com>

(no subject)**Boominathan Lakshmanane** <boominathan.lakshmanane@gmail.com>
To: sbaylin@jhmi.e

Fri, May 30, 2008 at 1:39 AM

Dear sir,

I would like to apply for a senior post-doctoral position in your laboratory. I am very much impressed with the quality of your research. Certainly, your recent research findings motivate me very much and hence I am very much interested to join your research team for my Post-doctoral studies.

During my post-doctoral trainings, I have worked on the following projects: a. Role of the p53 tumor suppressor homologues, p63 and p73 in control of cell proliferation (at M.D Anderson cancer center, Houston). b. Cancer immunotherapy: Hypoxia inducible factors and the drugs that inhibit their activity in immune cells (at New England inflammation and tissue protection institute, Boston).

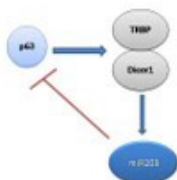
In my Master's work (at the Weizmann institute of Science, Israel), we have identified p53 target genes in cancer cells. In my Ph.D. work (at the National university of Singapore), I have reported for the first time that the transcription factor c-Jun stabilizes and activates the tumor suppressor p53 homologue, p73. In a parallel study, I have found out for the first time that p73 increases AP-1 activity and it synergies with c-Jun to increase the expression of AP-1 dependent target genes. Further, our study showed that p73 and c-Jun synergistically regulate proliferation/apoptosis. I have done a significant work towards my Ph.D. degree, and my research findings were published in Nature cell biology, JBC and Molecular cancer. I am also in the process of communicating few research articles and reviews. Please find my detailed CV, career goals and research interest enclosed for your kind perusal.

My research experience is in the areas of cancer biology, tumor suppressor genes, oncogenes, apoptosis, transcription factors, molecular cell biology, biochemistry, drug targeting, and immunology.

Having gained twelve years of research experience, I am confident of working independently and coming up with novel projects that are not related to my previous studies. I have several other interesting projects with me, in case it interests you, I would be very glad to discuss with you and apply for funding with the help from you. I would like to make few good research papers. That is why I am very much interested in working with you. I have also enclosed a project proposal(p63/p73 is a regulator of microRNA processing complex) for your kind perusal. I am very keen to pursue a career in academia. I am currently on a J1 visa. I would be glad to come there for an interview and give a talk in your research team. Kindly let me know when you will be available so that I can plan my trip. I look forward to hearing from you soon.

Yours faithfully,

L. Boominathan Ph.D.

4 attachments**p63 as a regulator of microRNA processing complex.jpg**
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Gmail - (no subject)

 **Resume Boominathan Lakshmanane PhD.doc**
63K

 **Research interests and academic goals.doc**
31K

 **Proposal p63 is a regulator of microRNA processing complex.doc**
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