

November 24, 2004

Biocomplexity Faculty Search Committee
c/o Prof. Rob de Ruyter van Steveninck
Department of Physics
Indiana University
Swain Hall West 117
Bloomington, IN 47405-7105

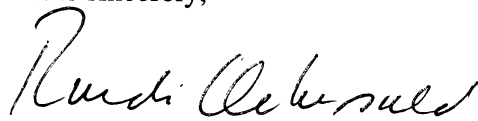
Dear Dr. Rob de Ruyter van Steveninck :

This is a letter in support of the application from Dr. Peter Uetz for a faculty position at Indiana University. I have known Peter and collaborated with him when he was a postdoctoral fellow in Stan Field's group at the University of Washington in Seattle. We were both part of a NIH funded National Resource Center and center personnel met regularly every two weeks to discuss progress. I therefore know Peter Uetz well.

Peter worked in Stan's lab on the generation of large-scale (eventually genome-wide) protein linkage maps. These maps were established via the yeast 2-hybrid method. Peter has been a key person in the planning and execution of the project and in the analysis of the generated data. He is also well aware of the limitations of the 2-hybrid approach and knows the strength and limitations of alternative or complementary methods, such as the mass spectrometric analysis of protein complexes. His depth of knowledge is apparent from the choice of his proposed project: rather than focusing on establishing a genome-wide protein linkage map in *c.elegans*, he proposed to focus on the in-depth analysis of protein interaction modules. As many of the specific protein-protein interactions mediated by protein interaction domains are evolutionarily conserved, the results obtained from such a study will have a high degree of significance far beyond *c.elegans*. *C.elegans* is also a wise choice for the application of the yeast 2-hybrid approach because the isolation of functional complexes for mass spectrometric analysis has been quite difficult in that species.

Based on his training and experience in his field and the qualities of Dr. Uetz as an investigator, I strongly recommend him for a faculty position at your institution.

Yours sincerely,



Ruedi Aebersold, Ph.D.
Professor and Founding Member
Institute for Systems Biology