CHECKLIST FOR YOUR RESEARCH PROPOSAL
(Test for Success)

**Hypothesis**

Is this hypothesis important in this particular sphere of investigation?  YES ____  NO ____

Is my hypothesis as stated, testable by feasible procedures?  YES ____  NO ____

**Aims**

Are my specific aims logical?  YES ____  NO ____

Have I chosen them carefully?  YES ____  NO ____

Have I defined them well?  YES ____  NO ____

Have I stated them clearly?  YES ____  NO ____

Are the specific aims reasonable?  YES ____  NO ____

Are the specific aims attainable?  YES ____  NO ____

**Background**

Did I thoroughly collect the information for the background?  YES ____  NO ____

Did I review this information critically?  YES ____  NO ____

Have I logically organized the data and events that led to the present proposal?  YES ____  NO ____

Have I proved that I am sufficiently familiar with this type of research by demonstrating a thorough understanding and balanced knowledge of the pertinent literature?  YES ____  NO ____

Have I emphasized or clarified discrepancies found in the literature?  YES ____  NO ____

**Significance of Proposal**

Will the results of my research fill a defined gap in our knowledge?  YES ____  NO ____

Will it advance our understanding of this subject?  YES ____  NO ____

Will it facilitate the development of valuable techniques?  YES ____  NO ____
Will the results of my research facilitate the development of experimental models?  
YES _____  NO _____

Will it lead to reasonable treatment for some pathologic condition?  
YES _____  NO _____

Is my work important in relating my specific objectives to the hypothesis?  
YES _____  NO _____

Is the work likely to yield new conclusions that will have general biological value or practical clinical significance?  
YES _____  NO _____

**Preliminary Work**

Have my preliminary experiments demonstrated that the methods, procedures, techniques, and protocols are feasible?  
YES _____  NO _____

Are they adequate and appropriate?  
YES _____  NO _____

Have my preliminary experiments demonstrated that my hypothesis is readily testable?  
YES _____  NO _____

**Qualifications of Investigator**

Have my educational background, research experience, and preliminary demonstrated that:

I am qualified to perform the study?  
YES _____  NO _____

I have potential for doing productive work?  
YES _____  NO _____

I have the technical competence and skills needed for the proposed work?  
YES _____  NO _____

My results would be reliable and inspire confidence in my peers?  
YES _____  NO _____

**Design**

Is my design appropriate?  
YES _____  NO _____

Is my design valid?  
YES _____  NO _____

Is my design straightforward?  
YES _____  NO _____

Is my design well organized?  
YES _____  NO _____

Is my design logically conceived?  
YES _____  NO _____
Is my design lucidly described?  
YES ______  NO ______

Are my methods reasonable?  
YES ______  NO ______

Are my methods appropriate for the proposed investigation?  
YES ______  NO ______

Are my methods carefully documented?  
YES ______  NO ______

Are my methods well established?  
YES ______  NO ______

Are my methods under my technical control?  
YES ______  NO ______

Are my methods promising?  
YES ______  NO ______

Are my methods clearly described?  
YES ______  NO ______

Do the methods correspond to the specific aims?  
YES ______  NO ______

Am I using innovative procedures to overcome difficult technical problems?  
YES ______  NO ______

Are these innovative procedures feasible and well within my competence and experience?  
YES ______  NO ______

Do these procedures have obvious and clearly described advantages over the standard techniques now in use?  
YES ______  NO ______

**Problem Solving**

Have I anticipated and adequately discussed potential difficulties and obstacles in the approach I have chosen?  
YES ______  NO ______

Have I carefully considered the advantages and disadvantages of each method?  
YES ______  NO ______

Have I recognized the limitations of the methods and how these limitations can influence the analysis and interpretation of the experimental results?  
YES ______  NO ______

Am I fully aware of the difficulties that I may encounter in implementing the experimental plan and the specific methods?  
YES ______  NO ______

Have I convinced the reviewers that I will be able to circumvent anticipated, as well as unexpected difficulties?  
YES ______  NO ______
Have I proposed logical and appropriate alternatives to any experimental obstacles that might be encountered?  

YES  NO

Have I developed my research plan in a carefully focused step-by-step, straight-forward manner?  

YES  NO

Have I demonstrated that I have a clear understanding of the order or sequence of experiments as I will conduct them?  

YES  NO

Have I demonstrated an awareness of the underlying principles and the associated complexities of the area under study to ensure that I interpret my results appropriately?  

YES  NO