**R21 Checklist**

* **Do NOT include header or footer information on any document**
* **Link to electronic instruction manual:** [Application Guide for NIH and other PHS Agencies](https://grants.nih.gov/grants/how-to-apply-application-guide.html)
  + **Title** [200 character limit]

**Formatting specifications:**

[Link to NIH formatting instructions](http://grants.nih.gov/grants/how-to-apply-application-guide/format-and-write/format-attachments.htm)

* + **Cover Letter** (optional)
  + **Project Summary/Abstract** [30 line limit]
  + **Project Narrative** [3 sentence limit]
  + **Budget** (Please send estimated personnel, equipment, supplies, animal costs, travel and publication costs – we will draw up a draft budget for your review)
  + **Budget Justification**
  + **Resource Sharing Plan**
  + **Authentication of Key Biological/Chemical Resources** (if applicable)
  + **Facilities and Other Resources**
  + **Equipment**
  + **Biographical Sketch** [PI & Key Personnel] (Must include Section A, B, C, & D : Section A – Personal statement, C- Contributions to Science, 5 page limit each) *(link to* [*Biosketch Instructions/Information*](http://grants.nih.gov/grants/forms/biosketch.htm)*)*
  + **Introduction to Application** (resubmission or revision only – 1 page limit)
  + **Specific Aims** (1 page limit)
  + **Research Strategy**

Research Strategy page limit is **6** pages in one document – do not split. Please send as a PDF document so that there is no shifting of the tables or figures.

* + - **Significance**
    - **Innovation**
    - **Approach**
  + **Progress Report Publication List** (renewals only)
  + **Bibliography and References Cited**
  + **Vertebrate Animals** (only needed if using Vertebrate Animals)
  + **Human Subjects and Clinical Trials Information form** – NEW for E-forms, completed through eCat (replaces former Human Subjects narratives and inclusion enrollment)
  + **Select Agent Research** (if applicable)
  + **Consortium/Contractual Arrangements** (if applicable)
  + **Multiple PI Leadership Plan** (if applicable)
  + **Letter(s) of Support**
  + **Appendix** (if applicable)