The Art of Grant Packaging
or
How Your Grant Looks Does Matter

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Advances in Skeletal Muscle Biology in Health and Disease

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UNIVERSITY OF KENTUCKY
CENTER FOR
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How your grant looks does matter

Common features of NIH study section member

Tired eyes

Busy brain

Tired brain

No one comes to study section saying: “I am so rested and relaxed that I had lots of time to read my grants”

Text

1. Left justified vs. both sides justified?

2. Create space between paragraphs to provide visual breaks

3. Check spelling, check grammar; it matters

4. Make sure text flow around figures is clear

Figures are key

1. Need to balance # figures and volume of text: more is not necessarily better

2. Figures need to be necessary for points being made

3. Stand alone – point made is visually obvious: my criteria is that I can easily see all aspects of the figure at 125%; If I have to expand to 200% or greater that is not good

4. Quality of figures; use of Adobe Illustrate to great figure in .eps format

5. Figure legend text; succinct

One Example: note size of text in figure relative to size of text in the document

2. Generation of muscle specific *Bmal1* KO mice. Our observations that muscles *Bmal1* KO mouse were exciting and provided evidence to support links between disr rhythms, the molecular clock and skeletal muscle homeostasis. However, those mic types so they do not allow us to discern the relative contribution of the skeletal musc address the function of the molecular clock in skeletal muscle we generated an indu *Bmal1*$^{fl/fl}$ mouse [iMS*Bmal1*$^{+/+}$; iMS*Bmal1*$^{-/-}$] for the targeted disruption of the molecul in skeletal muscle. The tamoxifen inducible Cre recombinase mouse (HSA-MCM) wa for Muscle Biology at Kentucky and the efficacy of this mouse for studies of skeletal recombination in adult mice has been *Bmal1* mouse is available through Ja [*B6.129S4(Cg)-Arntltm1Weit/J*] and h to target *Bmal1* function in selected c generated the iMS*Bmal1* mouse and weeks of age with either vehicle or ta three weeks following the treatment w skeletal muscles, heart and other nor DNA and performed PCR to evaluate As seen from the results provided in F *Bmal1* (band = 571bp) only occurs in tamoxifen treatment and not in heart,

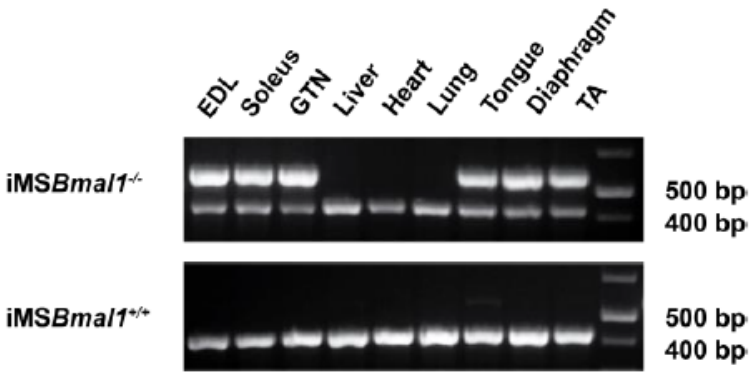

Figure 1. PCR results showing recombination of *Bmal1 in muscle*

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