The article looks good! There are just a few notes we wanted to make. We made some minor word and phrasing changes throughout the article - nothing too major. We loved your figures; they are really clear and helpful to the reader.

In terms of changes we’d like you to consider making:

In the paragraph that begins with the sentence: “The second line of stress-responsive proteins are synthesized only after the stress occurs.” The paragraph itself is clear and well-written, but it doesn’t provide any examples of proteins that are synthesized after stress. It would be great to give some examples of these proteins!

The paragraph below the one just mentioned (starting with “During the stress response…”) seems like it belongs under the heading “packaging the mRNAs…” We’d suggest moving it to be the first paragraph under that heading and add a short one or two sentence conclusion to wrap up the “Firefighters combating the wildfire” section.

Please let us know if you have any questions about our suggestions! Thanks for all your hard work on the article!