



Science Advancement & Outreach
A DIVISION OF PETA

1536 16th St. N.W., Washington, DC 20036

July 18, 2022

White House Office of Science and Technology Policy
Via e-mail: cislunar@ostp.eop.gov

RE: Cislunar RFI, 87 FR 40282

To whom it may concern:

In planning future initiatives to help advance a robust, cooperative, and sustainable ecosystem in cislunar space, it is imperative that these activities be conducted without the use of nonhuman animals. There is no need for the White House Office of Science and Technology Policy and the Cislunar Science and Technology Subcommittee of the National Science and Technology Council to repeat the same mistakes of those who launched Laika, Albert II, Ham, and countless other animals into space without their consent, causing many of them to die horrible deaths.

Superior, humane methods can be used. For example, the National Institutes of Health has partnered with the International Space Station U.S. National Laboratory to study the effects of space on the human body using tissue chips. See <https://ncats.nih.gov/tissuechip/projects/space>. Tissue chips and other models representing organs and organ systems of humans and other mammals exist and can be expanded for the research and development activities in cislunar space without harming sentient animals.

In this vein, PETA scientists have devised a strategy called the Research Modernization Deal, which maps out a plan for replacing the use of animals in research with human-relevant methods, such as tissue chips and 3-D bioprinting. You can view the Research Modernization Deal in full here: <https://www.peta.org/wp-content/uploads/2020/12/PETA-2021-Research-Modernization-Deal.pdf>.

Thank you for your time and consideration.

Sincerely,

A handwritten signature in black ink that reads "E. Trunnell".

Emily R. Trunnell, Ph.D.
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