

RESEARCH PROPOSAL

1. JHU Faculty / Team:

Name/Affiliation you would like communicated to potential corporate partners.

2. Research Summary

Concisely summarize your primary field of research (2-3 sentences).

EXAMPLE: Regenerative medicine strategies aim to promote new tissue development but are often limited by systemic and environmental inhibitory factors such as aging or infection. Cellular senescence is associated with aging and age-related chronic diseases such as diabetes, cardiovascular disease, muscle decline, Alzheimer's, and osteoarthritis (OA)...

3. The Unmet Need

Concisely summarize the size/scope of the challenge your work seeks to contribute to.

EXAMPLE: Osteoarthritis is a currently untreatable disease that affects over 600 million people worldwide representing a market size of over \$15B in 2025. Lack of viable treatment modalities leads to increasing comorbidities, including GI damage and falling injuries, and a significantly depreciated quality of life...

4. Solution

Summarize the solution, capability or unique research endeavor you/your lab is contributing to the field. This specific information will likely be of greatest interest to potential partners, so please be as detailed as necessary.

EXAMPLE: JHU Regenerative Immunology faculty were able to reduce OA development after injury in aged animals, without the addition of exogenous stem cells or growth factors...

5. Research Landscape and Differentiation

Characterize how your research represents an advance/unique contribution to the overall landscape.

EXAMPLE: The state of the field of regenerative immunology is characterized by (XXX) and the differentiating elements of my / our research are...

6. Selected IP Portfolio and Key Publications

List any invention disclosures, IP discussions, and key publications previously conducted with JHTV that are relevant to this research. Include reference numbers/titles to inventions and publications, but do not include entire text.

7. List companies that could have specific interest in this proposal (or N/A)

8. List companies you have communicated with about this proposal in the past year (or N/A)

9. Faculty and Lab Profile

PI Name and Title – Suggest including hyperlink to your JHU or lab webpage.
Co-Is and Key JHU Contributors

Upload this completed PDF document to the [JHTV Industry Proposals webpage](#) under “STEP 3: Upload and Submit Proposal.”