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## **Facilitating Out-Licensing Opportunity: Surface Passivation Technology for Larger Vessels**

### **Introduction:**

Welcome to our out-licensing opportunity focusing on the revolutionary surface passivation technology for larger vessels tailored specifically for the biotech industry. At faCellitate, we have developed state-of-the-art solutions to meet the unique challenges faced by biotech companies in handling large volumes of biological materials and conducting sophisticated bioprocessing operations. This content outlines the key features, advantages, and potential applications of our surface passivation technology for larger vessels, showcasing why it is the perfect investment for interested partners seeking to elevate their biotech capabilities and gain a competitive edge in the market.

### **1. Addressing Biotech Challenges with Larger Vessels:**

The biotech industry operates at the forefront of scientific innovation, often dealing with complex biological materials and demanding processes. Larger vessels play a crucial role in meeting the increasing demand for scalable bioprocessing, ensuring high-quality product yields, and advancing research and development in the biotech sector.

### **2. Key Features and Advantages of Our Surface Passivation Technology for Larger Vessels for Biotech:**

- **Enhanced Bioprocessing Capacity:** Our surface passivation technology for larger vessels is specifically engineered to significantly reduce biofouling when working with higher volumes of cell cultures, fermentation processes, and other bioproduction activities, enabling efficient scaling without compromising quality.
- **Cost-Effectiveness:** Our surface passivation technology for larger vessels eliminates the need for recurring cleaning procedure to remove biofilm formation thereby reducing production costs and prolonging production cycles.

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- **Sustainability:** Our surface passivation technology for larger vessels eliminates the need for cleaning procedures with aggressive chemical products thereby rendering production processes more sustainable and environmentally friendly.
  - **Sterility:** Our coating solutions for the surface passivation of larger vessels are compatible with sterilization processes ensuring aseptic processing and maintaining the integrity of sensitive biologics throughout the production process.
  - **Seamless Scalability:** Our surface passivation technology for larger vessels can be integrated in scaling up processes, allowing smooth transition from laboratory-scale to commercial-scale production, with minimal process adjustments.

### **3. Applications and Market Potential:**

Our surface passivation technology for larger vessels holds tremendous potential across various biotech applications, including:

- **Biopharmaceutical Production:** Enabling large-scale production of monoclonal antibodies, vaccines, recombinant proteins, and other biologics.
- **Cell Culture and Fermentation:** Supporting the growth of mammalian cells, microbial cultures, and fermentation processes for biofuels and other bioproducts.
- **Tissue Engineering:** Facilitating the cultivation of tissue and organ cultures for regenerative medicine applications.
- **Gene Editing and Gene Therapy:** Providing the necessary infrastructure for the large-scale production of gene-edited cells and viral vectors used in gene therapy.

### **4. Intellectual Property and Competitive Advantage:**

Our surface passivation technology for larger vessels is backed by a robust portfolio of intellectual property, including patents, trade secrets, and

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proprietary designs. Our expertise and innovative solutions give partners a competitive edge in the biotech industry.

## **5. Out-Licensing Opportunity:**

We invite interested biotech companies to explore the potential of our surface passivation technology for larger vessels through out-licensing agreements. By collaborating with us, you gain access to cutting-edge bioprocessing solutions that can drive efficiency, scalability, and productivity, empowering your business to excel in the competitive biotech market.

### **Conclusion:**

Our surface passivation technology for larger vessels presents an exceptional out-licensing opportunity for biotech companies seeking to elevate their bioprocessing capabilities and expand their market presence. As pioneers in this domain, we are eager to discuss potential partnerships to leverage our innovative solutions and drive mutual success. Connect with us at [Your Contact Information] to explore how our surface passivation technology for larger vessels can enhance your biotech operations and lead to groundbreaking advancements in life sciences and beyond. Together, let's revolutionize the biotech industry and shape the future of bioprocessing with our cutting-edge surface passivation solutions for larger vessels.