



Aprecia and Battelle Join Forces to Revolutionize U.S. Drug Manufacturing

Empowering Agile Pharmaceutical Production with 3D Printing Technology

“Through the Aprecia & Battelle collaboration, we will focus on creating a pathway that ensures Aprecia’s innovative manufacturing processes address unmet medical needs. This commitment will deliver safe and effective medications more efficiently to those who need them most, including military personnel.”

~ Kyle Smith, President and Chief Operating Officer at Aprecia

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► Key Highlights

- **Strategic Collaboration:** Aprecia and Battelle have partnered to provide the U.S. Government with expertise and technology aimed to foster agile pharmaceutical manufacturing.
- **Innovative Technology:** Aprecia’s In-Blister 3D printing platform enables rapid, flexible production of oral medications directly in primary packaging.
- **Agile Manufacturing Sites:** The Aprecia & Battelle collaboration will create Aprecia facilities capable of producing both active ingredients and finished dosage forms at the same location — reducing supply chain risks.
- **Public Health Impact:** Potential to address drug shortages, support military operations, improve emergency responsiveness, and enable personalized medicine.
- **Regulatory Pathways:** The program will generate data to facilitate FDA registration of agile manufacturing technologies.

For more detailed information about Aprecia’s 3DP Pharmaceutical Manufacturing technology, please contact Aprecia Business Development.

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Apreece's 3D Printing Innovation and Regulatory Achievement



20+ YEARS OF INNOVATION

10+ YEARS OF U.S. FDA COLLABORATION

Apreece is proud to be at the forefront of pharmaceutical innovation, working closely with the U.S. Food and Drug Administration (FDA) for over a decade. From the historic approval of the world's first commercialized 3D printed medication to today's contribution toward agile manufacturing technologies, Apreece continues to transform how medicines are made — and how patients experience them.

As part of a government-funded research initiative, Apreece is leveraging its U.S.-based manufacturing footprint to deliver faster, more flexible production of safe, high-quality medications.

WHY IT MATTERS TO OUR PARTNERS:

- **OPPORTUNITY TO ENGAGE WITH FDA PERSONNEL FOCUSED ON EMERGING TECHNOLOGY AND ADVANCED PHARMACEUTICAL MANUFACTURING**
- **REGULATORY AND SCIENTIFIC GUIDANCE ON CMC AND QUALITY SECTIONS OF FDA SUBMISSIONS FOR ADVANCED PHARMACEUTICAL MANUFACTURING**
- **TECHNOLOGY ASSESSMENT BASED ON CURRENT QUALITY STANDARDS AND THE LATEST SCIENTIFIC ADVANCEMENTS**
- **COLLABORATION WITH KEY FDA OFFICES TO SUPPORT REVIEW AND APPROVAL OF REGULATORY SUBMISSIONS**



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AGILITY. PRECISION. PREPAREDNESS

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