FUGUPOS

First Universal Granted Uniformed Pharmaceutical Optimized Strategy
A Web 3.0 Interface Forefront for Human-AI Interaction in Pharmaceuticals

Gunnar Beck Nelson
FUGUPOS

Introduction

• Purpose for future development

• Common theme in class: focus on AI Molecular Modeling and predicability

• Little work at the interface level, the HCI perspective

• The Human AI interaction

• Theme: Universal tools for the purpose of drug discovery or manipulation of new molecular structures for application
Tech Stack to Use

- Blender
- Unreal Engine
- Oculus Virtual Reality Set
- Xbox One
- Interfacing to the next level
Framework

• Construct Arms in Blender
• Simulate Demo in Unreal Engine
• Upload to XBOX and Oculus App Stores
• Allow further collaboration on different interfaces
Importance

History of Personal Computing

- Third Party Development for personal hardware is what has traditionally shaped landscape of personal computing and connectivity
- Web 3.0 is the next interface to the internet
- Focusing more one 3D immersive experiences
- Facebook 10-K annual report 2022
- Innovation is Economic
- Application and usage of technology overtime is what prevails in actual every day usage
Retrospect to Human AI Interaction
Themes and General Overview

• Theme: Predictability of new molecular structures
• Another paradigm we have been facing: bias in data and modeling of AI interfaces
• Taking into retrospect: the human AI interaction
• Starting form the core beginning
• The AI makes suggestions over what structure works best
• Interface is the first step towards Human-AI interaction with limited bias
• Application of new structures and construction
Now grab and drop two sulfur atoms, one at a time, in the assembler.

Building Molecule

CS₂
Carbon disulfide
Thank you, questions