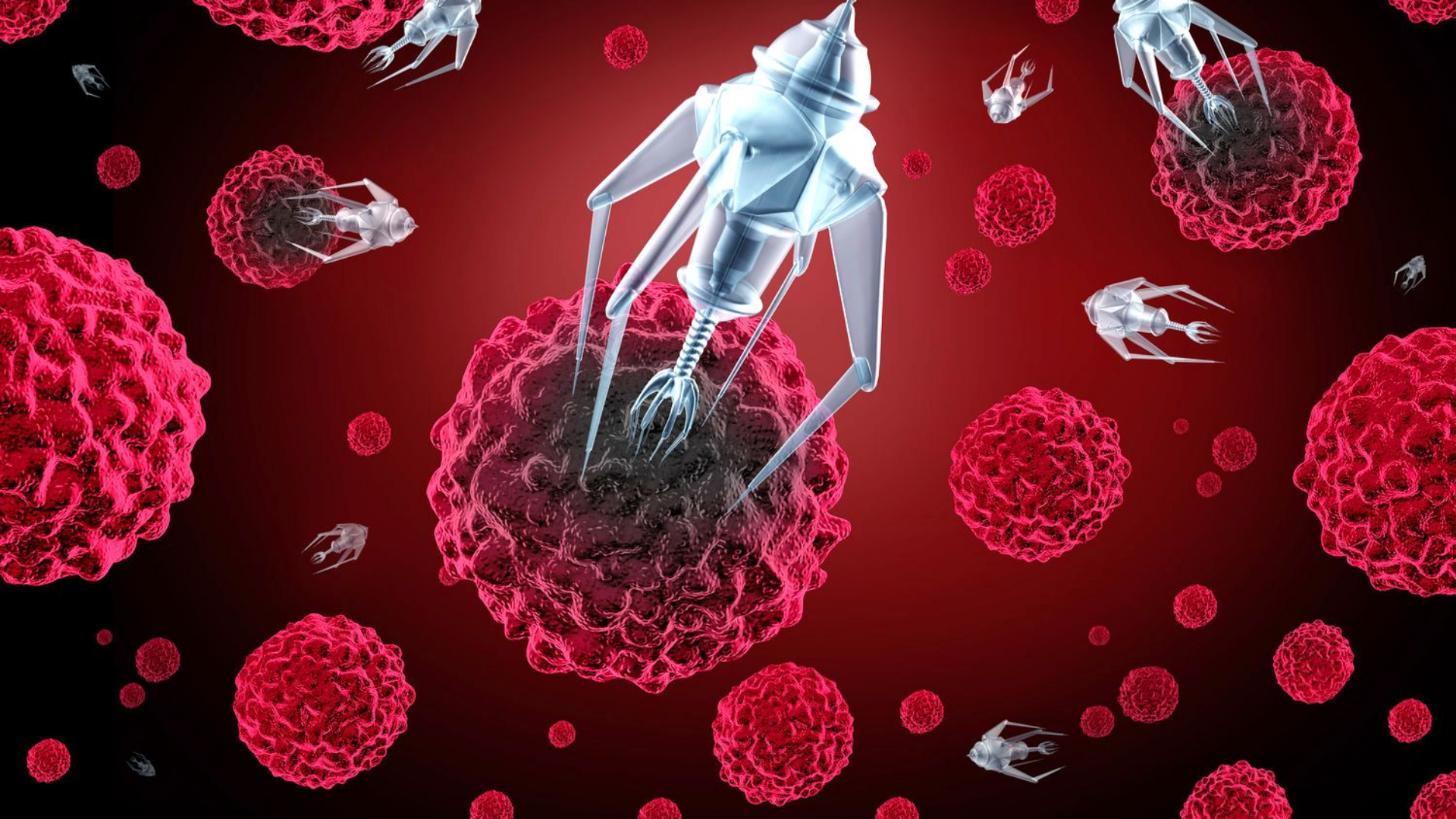
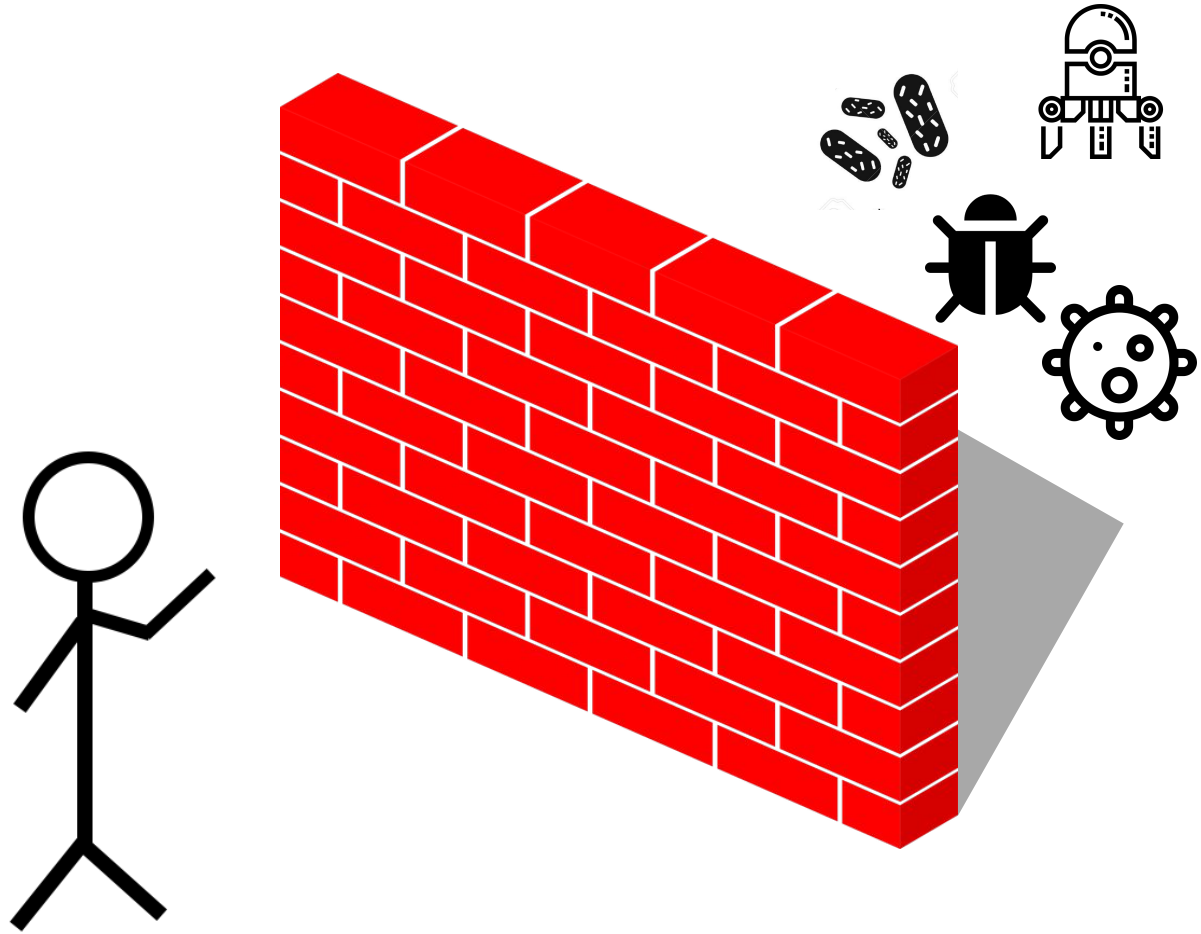
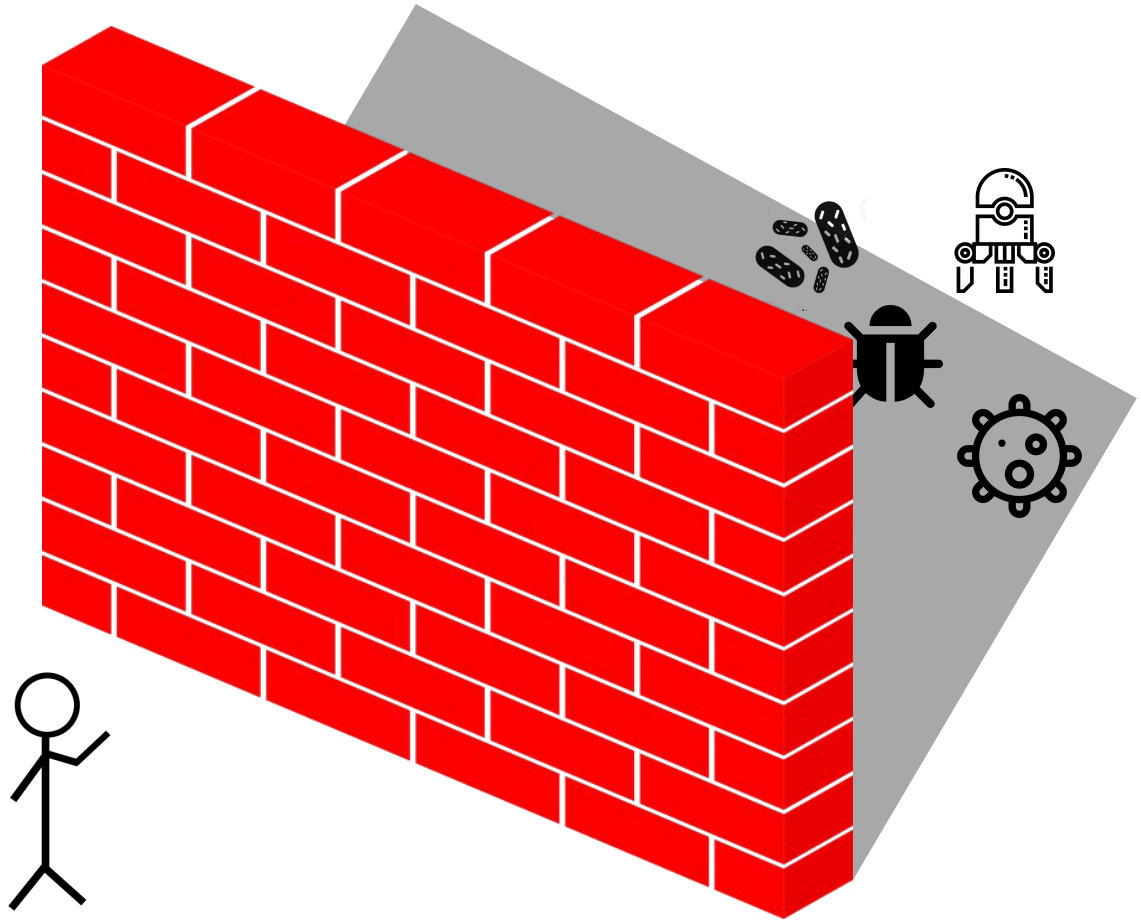
Darwin^{x}







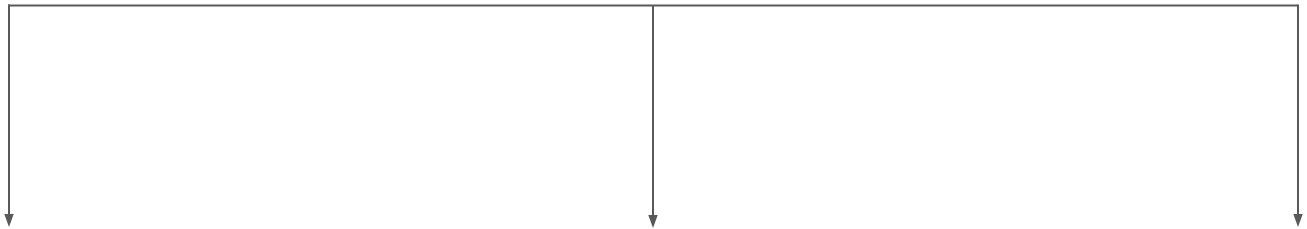
Darwin^{x}

Reinventing Evolution

D^{x}

Nanotechnology 2025

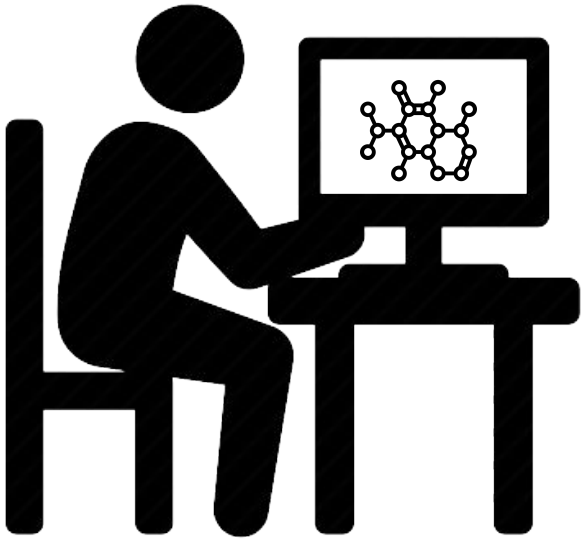
174 Billion



Hematology

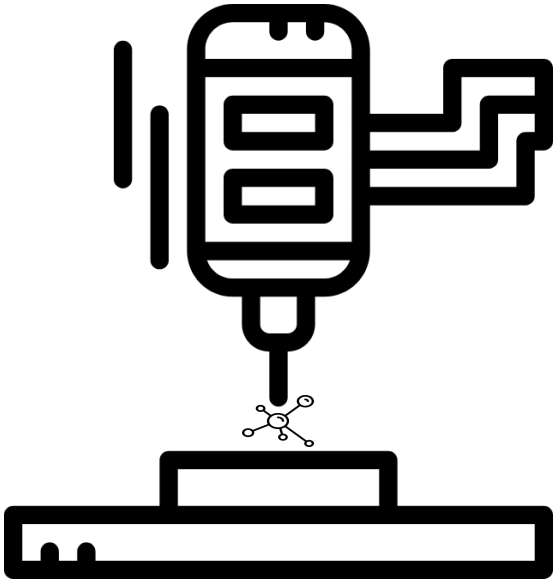
Cancer Detection/Therapy

Biohazard Defense



Researchers

D^x



3D Nano Printers

D^{x}

Hysteresis

Tip Effects

Thermal Drift

Creeping Motion

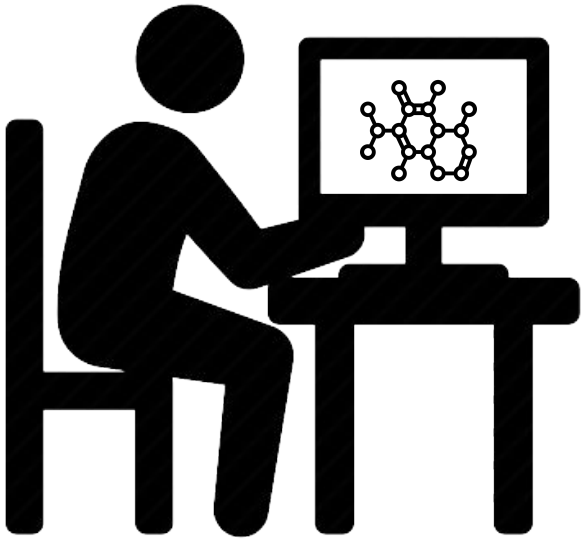
Manual

Long Training

Low Success Rates

Poor Reproducibility

Atomic Force Microscopy



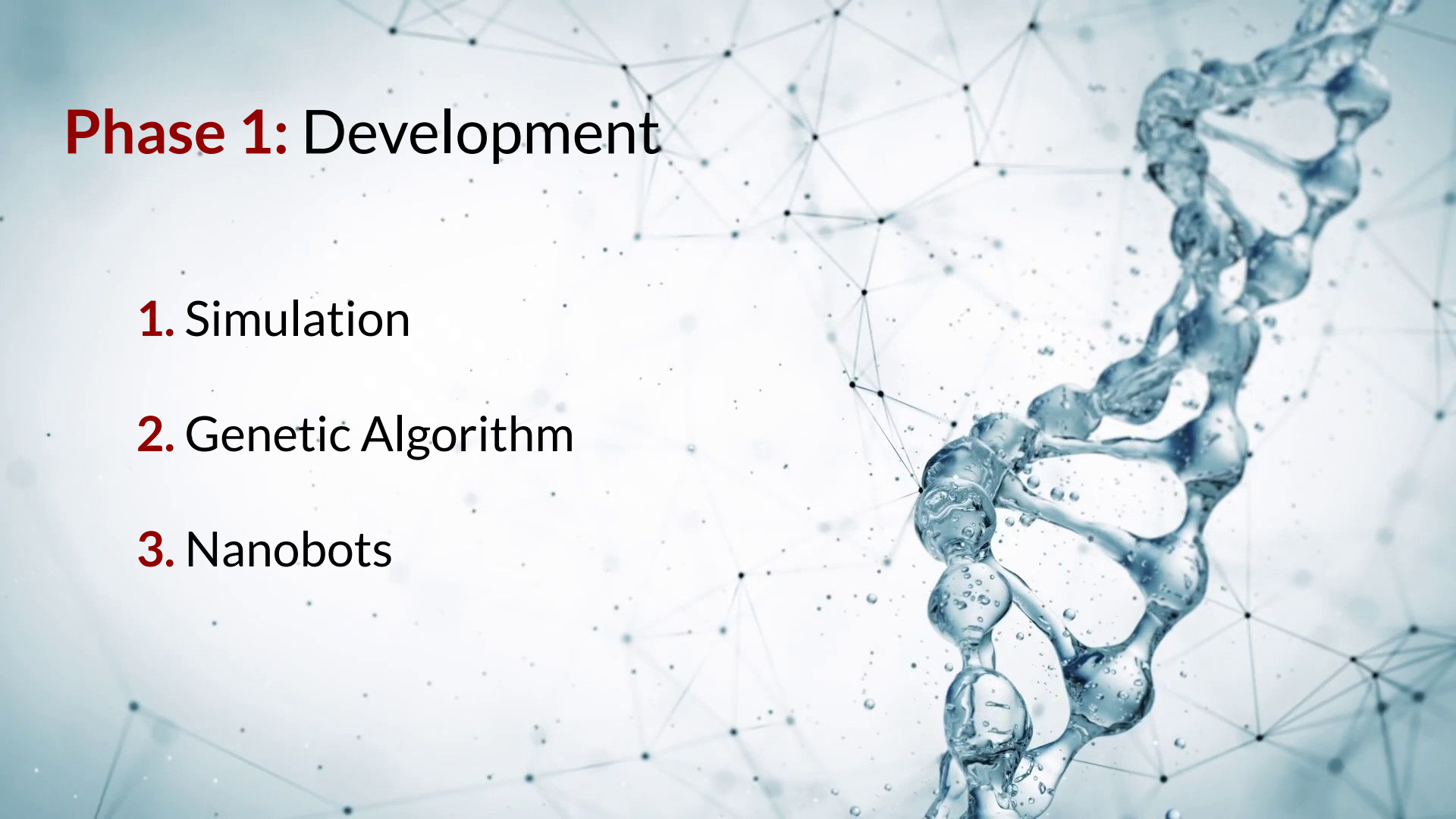
Phase 1: Development

Phase 2: ?

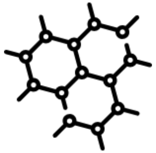
D^{x}

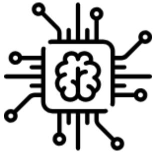
Phase 1: Development

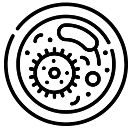
1. Simulation
2. Genetic Algorithm
3. Nanobots

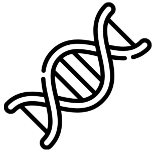


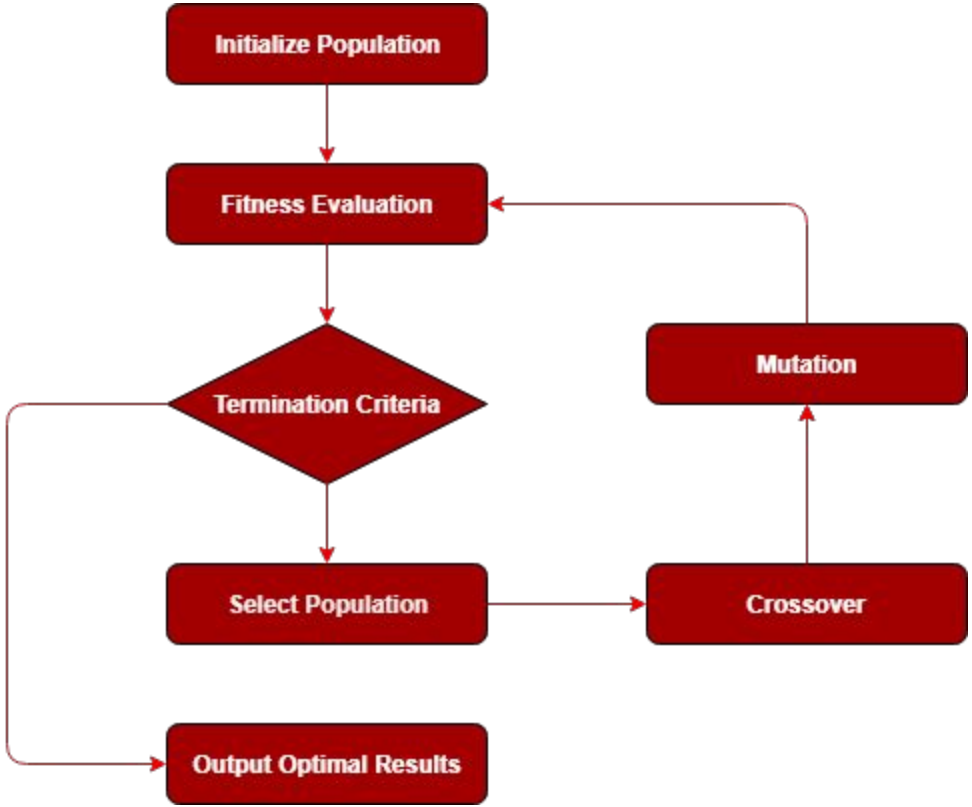
Miniaturization

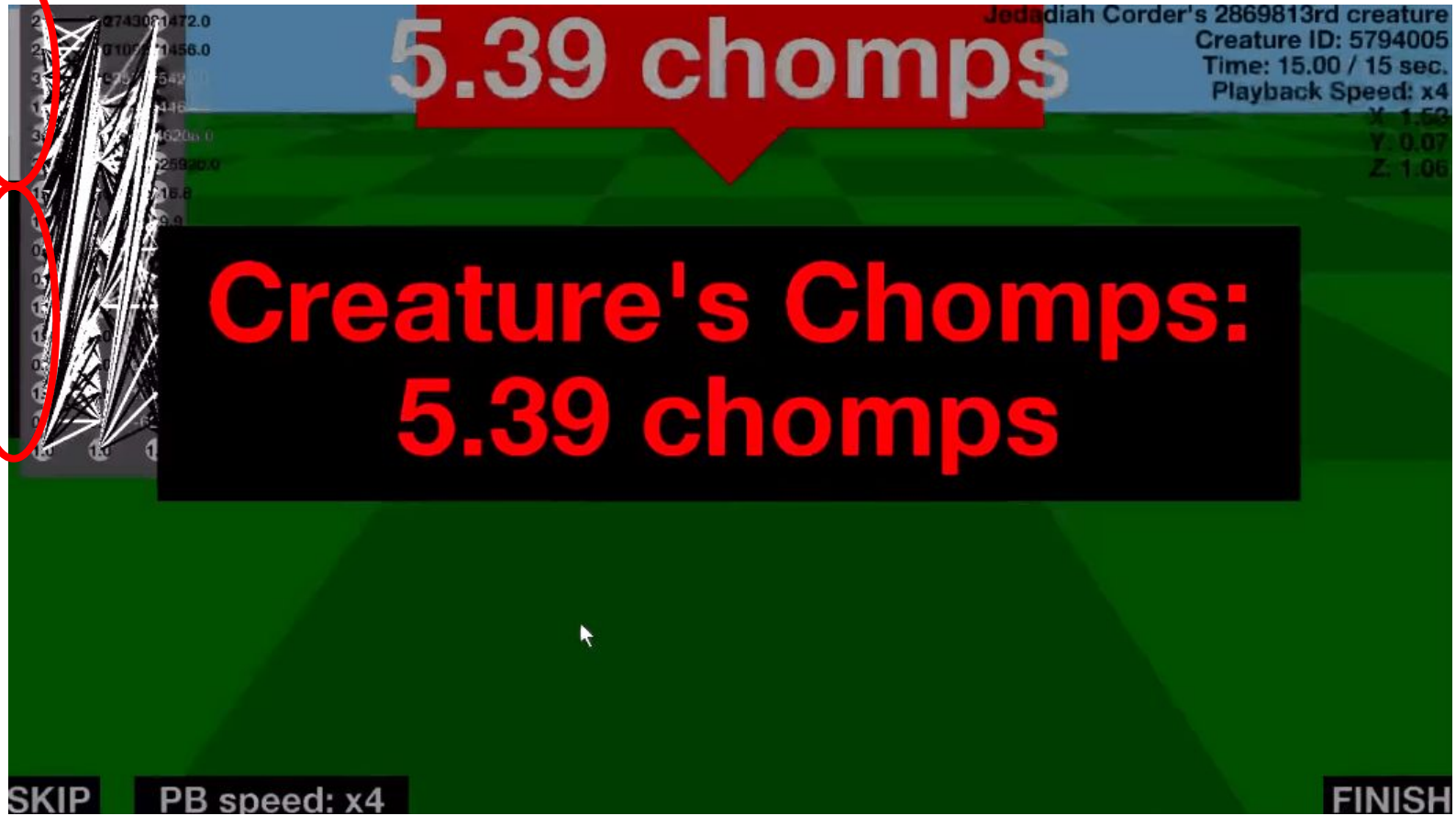
Structure 

Computation 

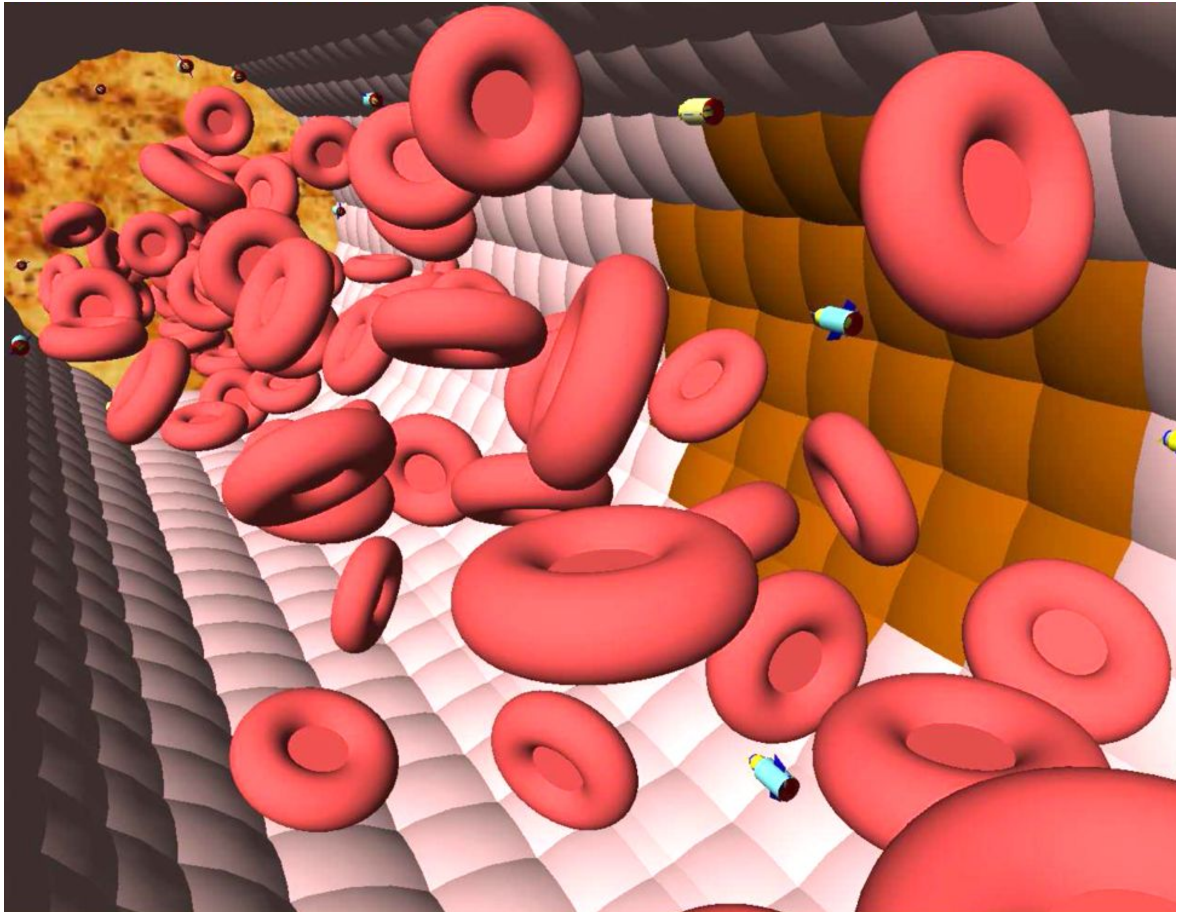
Movement 

Power Storage 

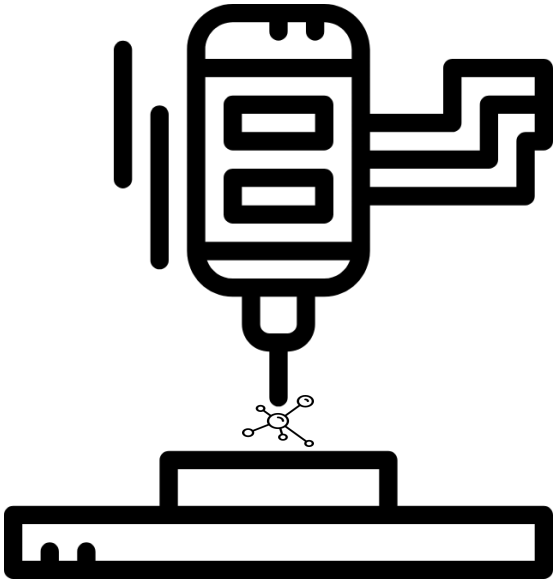

Initialize Population
Fitness Evaluation
Termination Criteria
Mutation
Select Population
Crossover
Output Optimal Results


5.39 chomps
Jedadiah Corder's 2869813rd creature
Creature ID: 5794005
Time: 15.00 / 15 sec.
Playback Speed: x4
Creature's Chomps:
5.39 chomps
SKIP
PB speed: x4
FINISH


All 1,000 creatures have been tested. Now let's sort them!
Sort



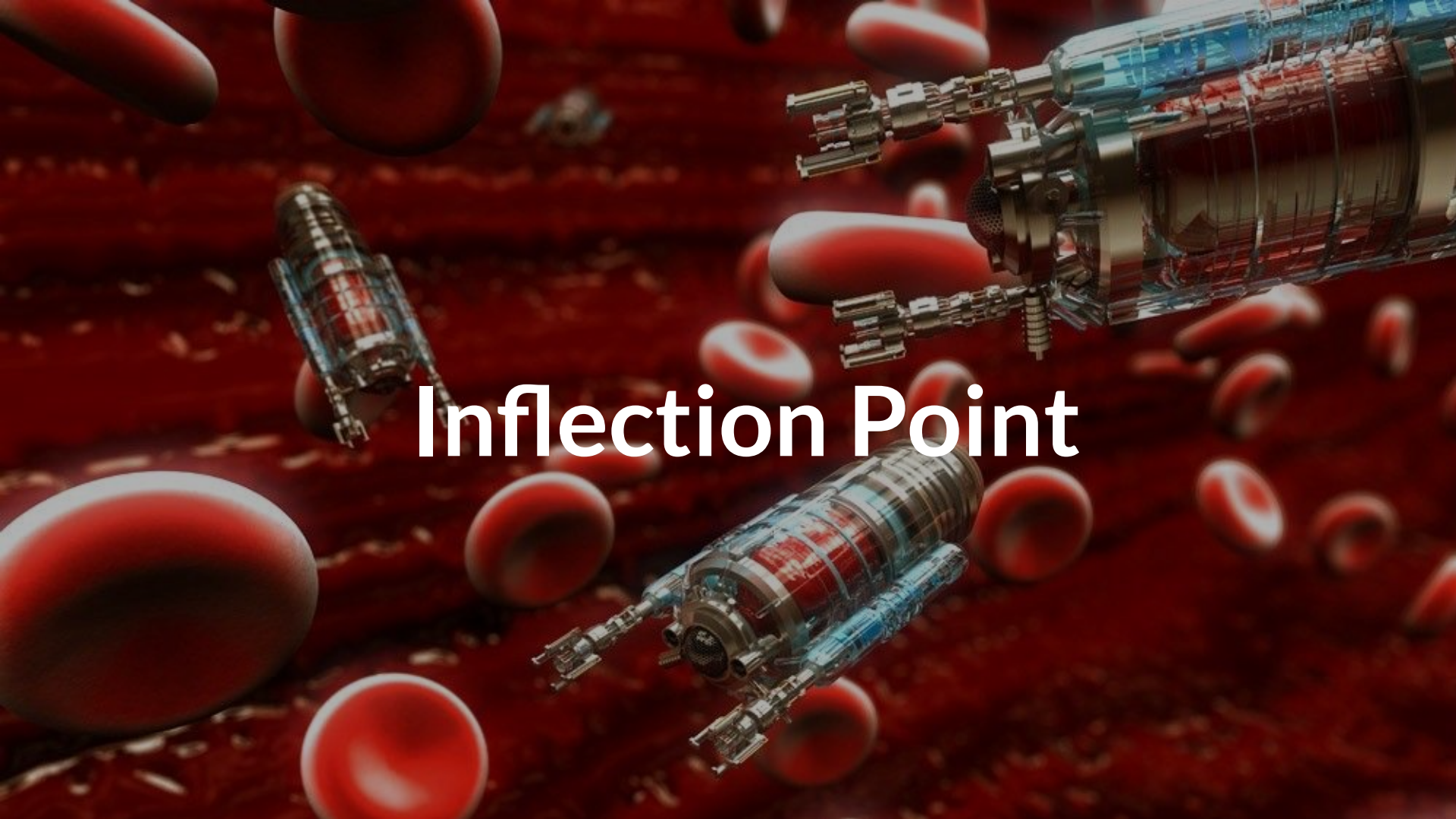
D^x

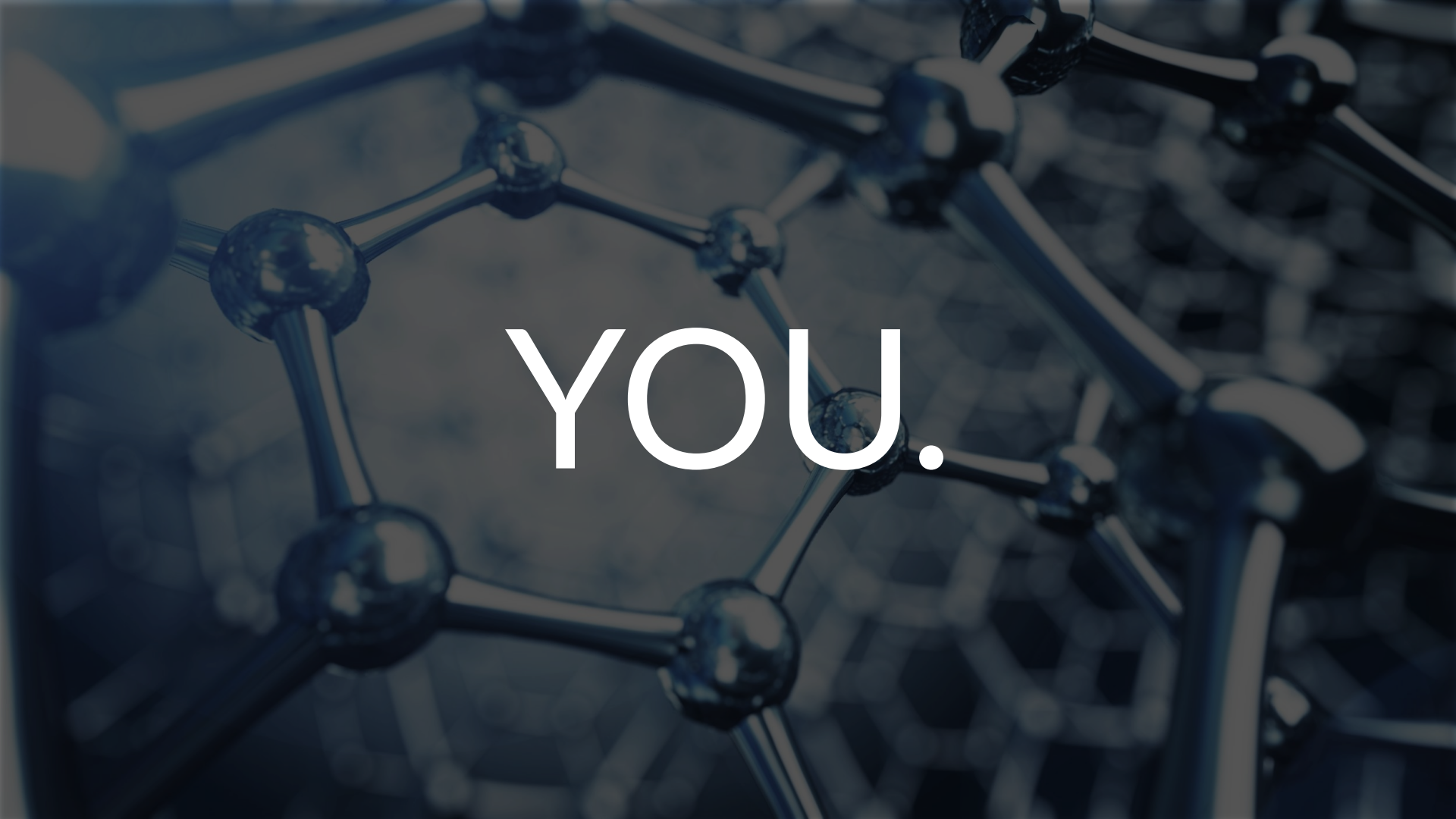


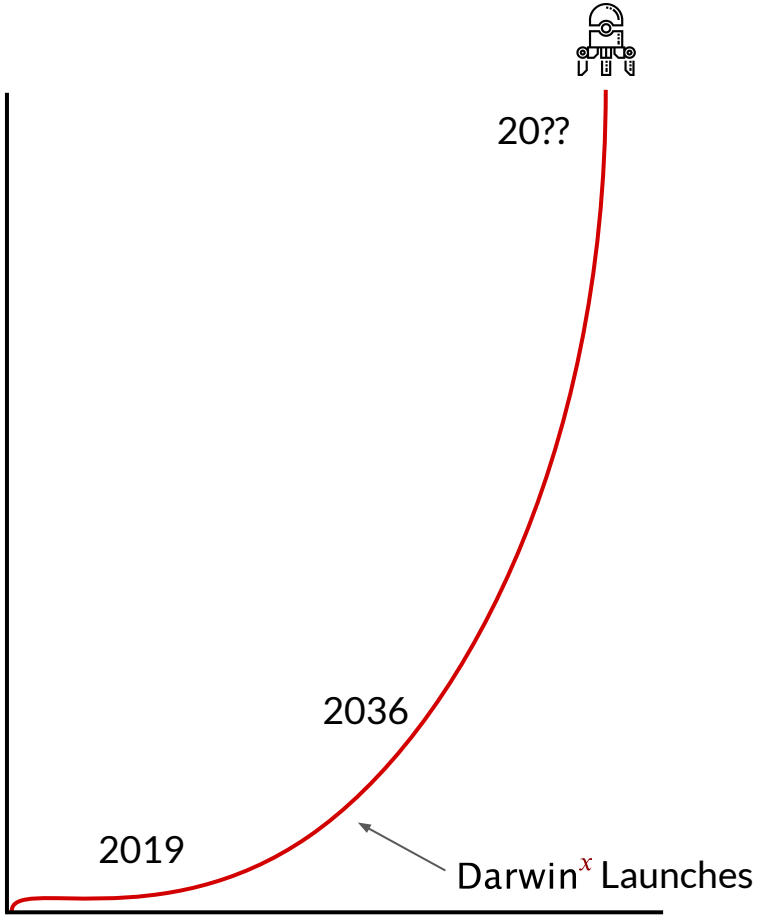
Phase 1: Development

Phase 2: Application

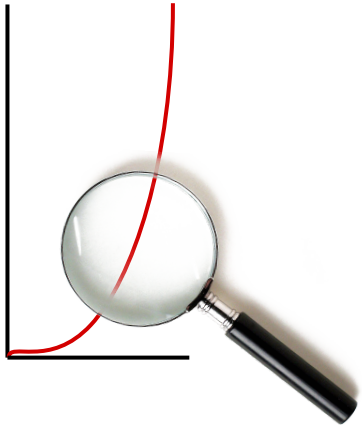
D^{x}

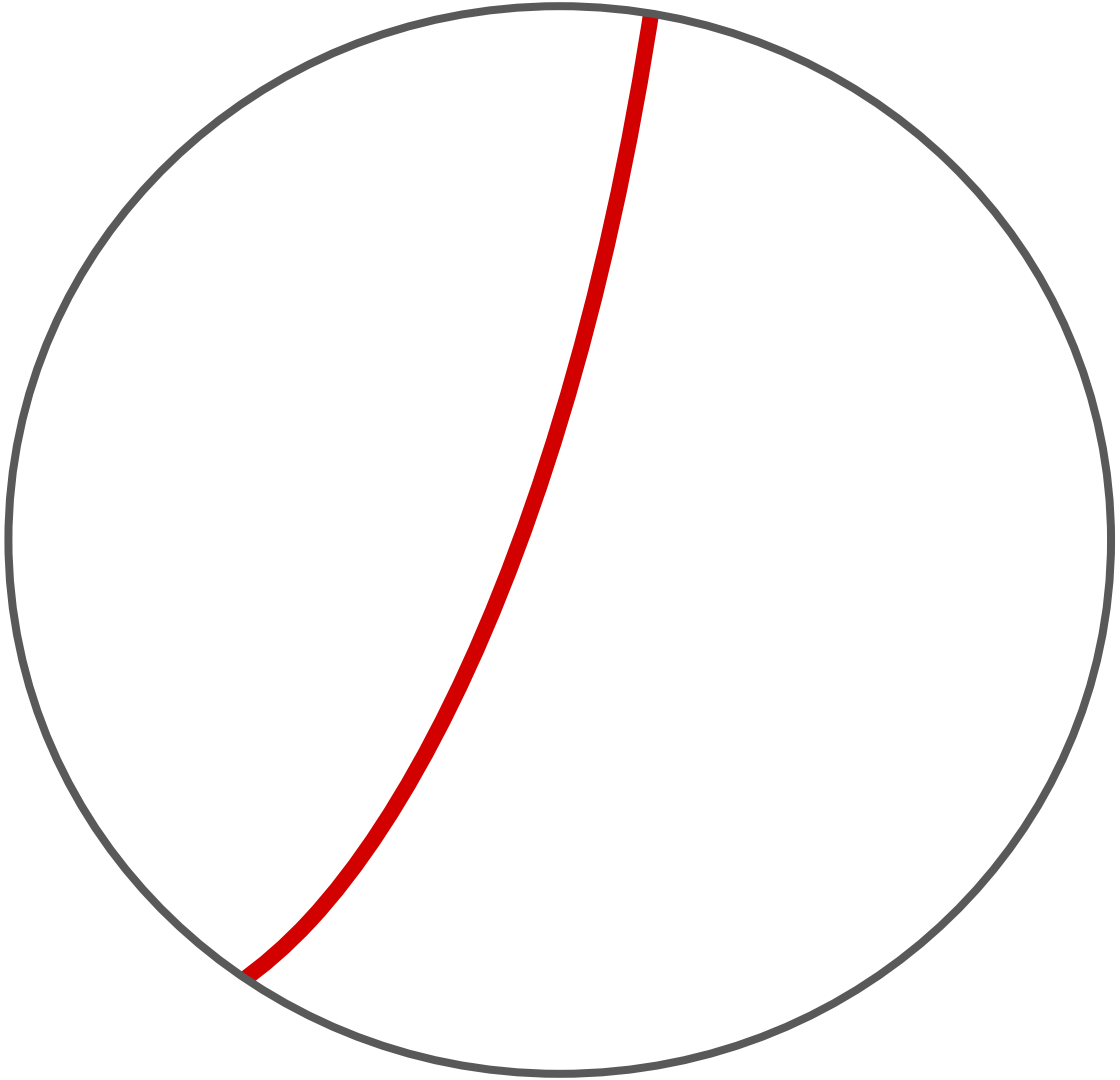

Inflection Point


YOU.

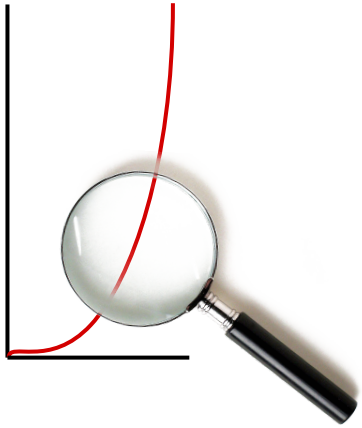


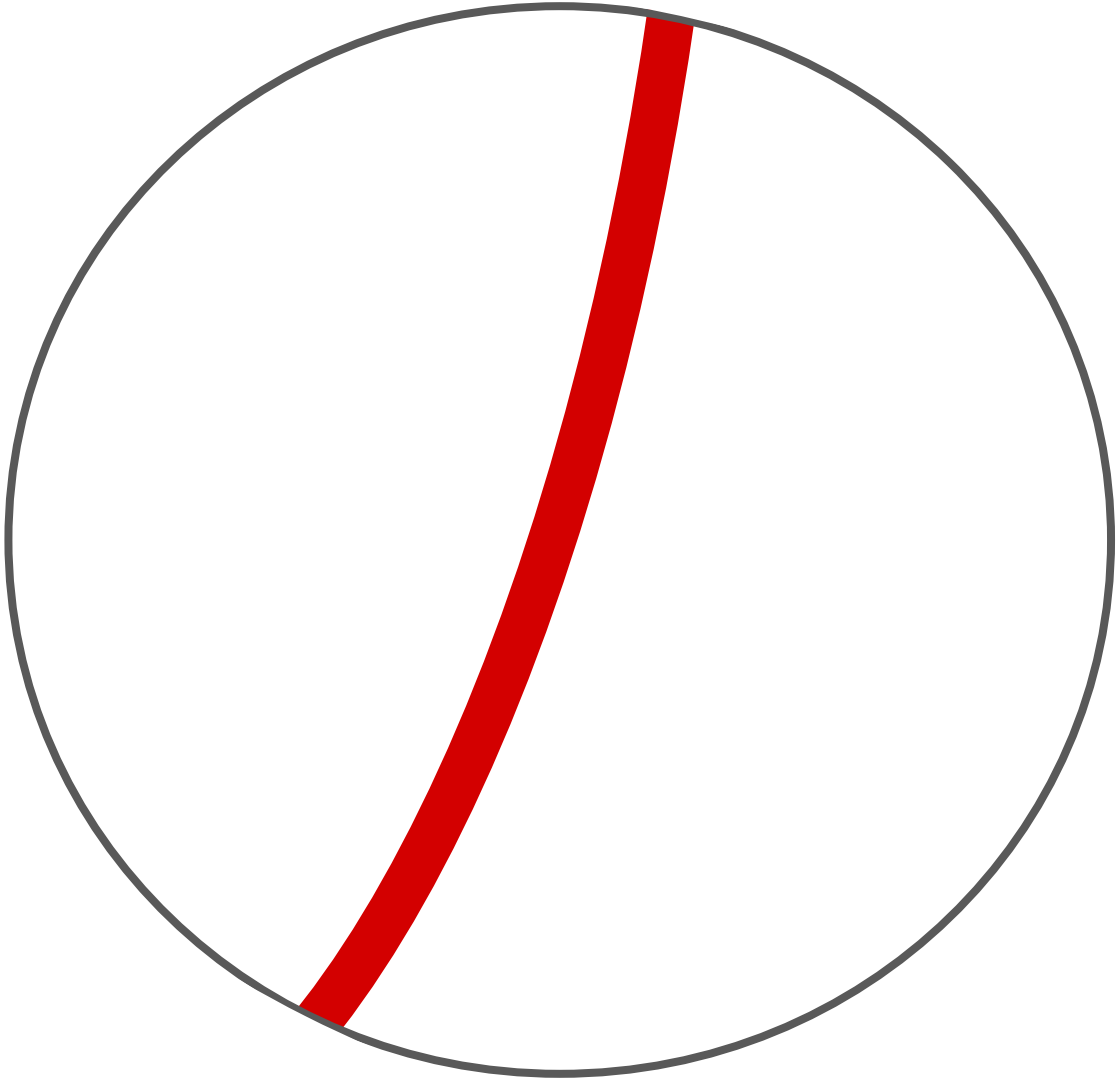
D^{x}



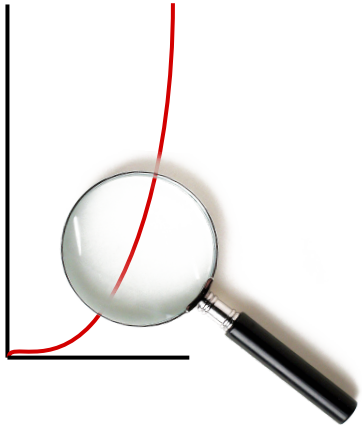


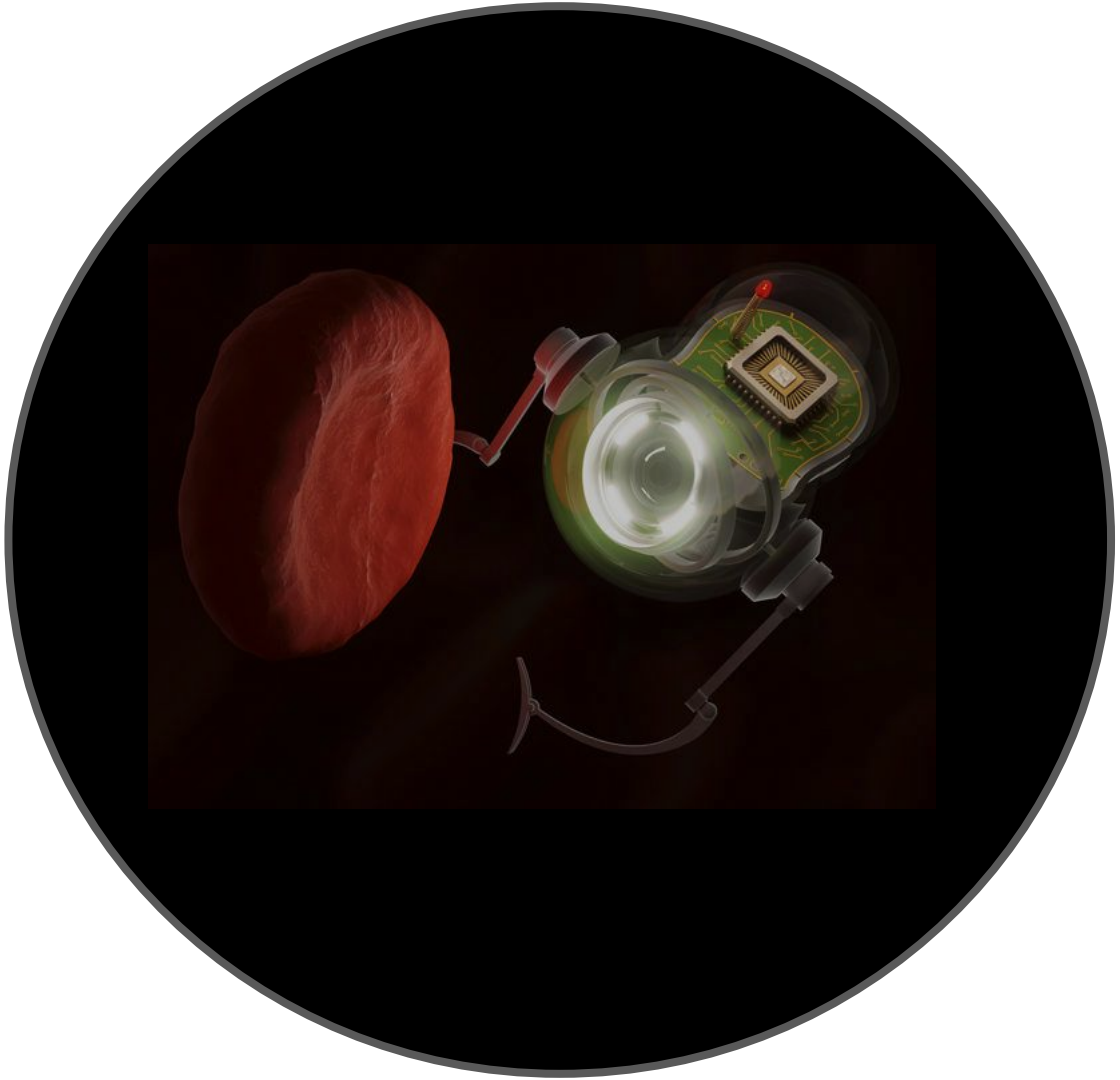
D^x



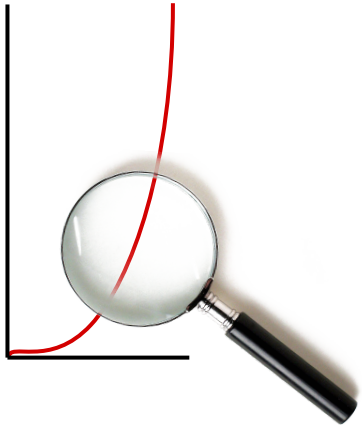


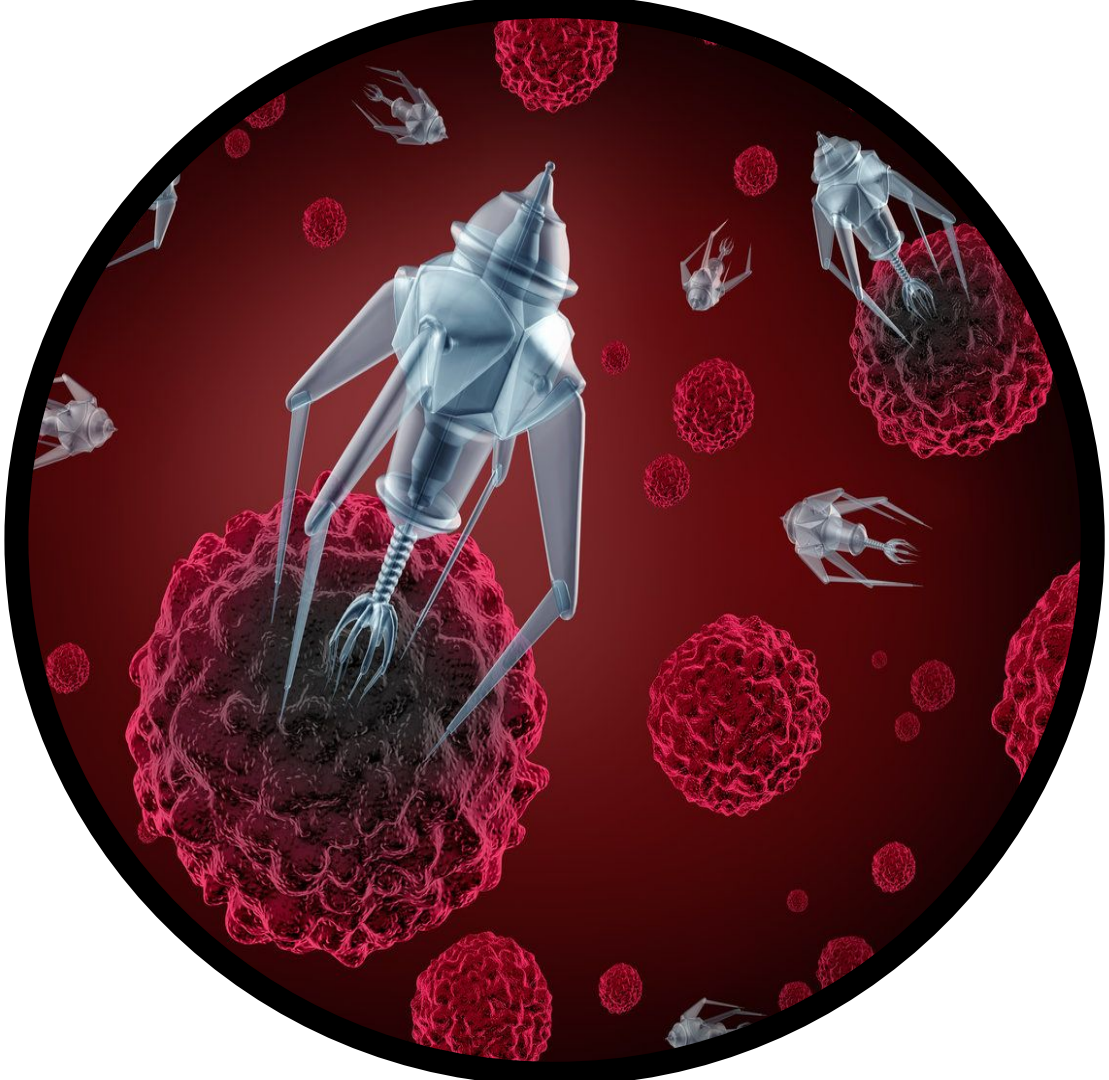
D^{x}





D^x

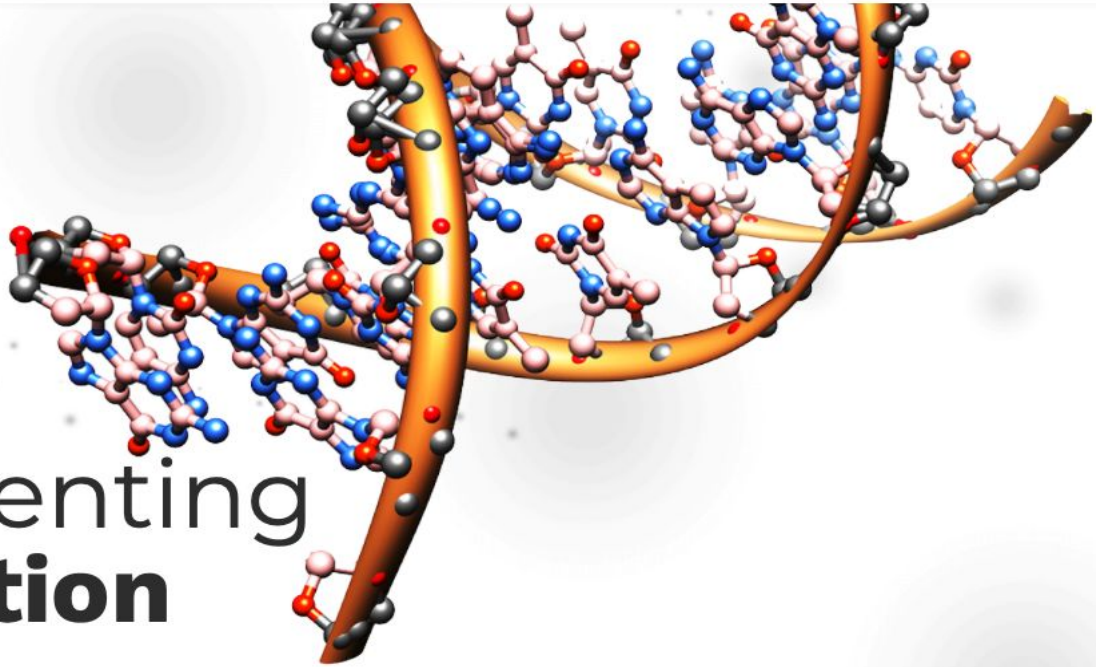




D^x


Immersive Simulation
Evolutionary Algorithms
Manufacturing
Deployable Nanobots

Darwin^{x}

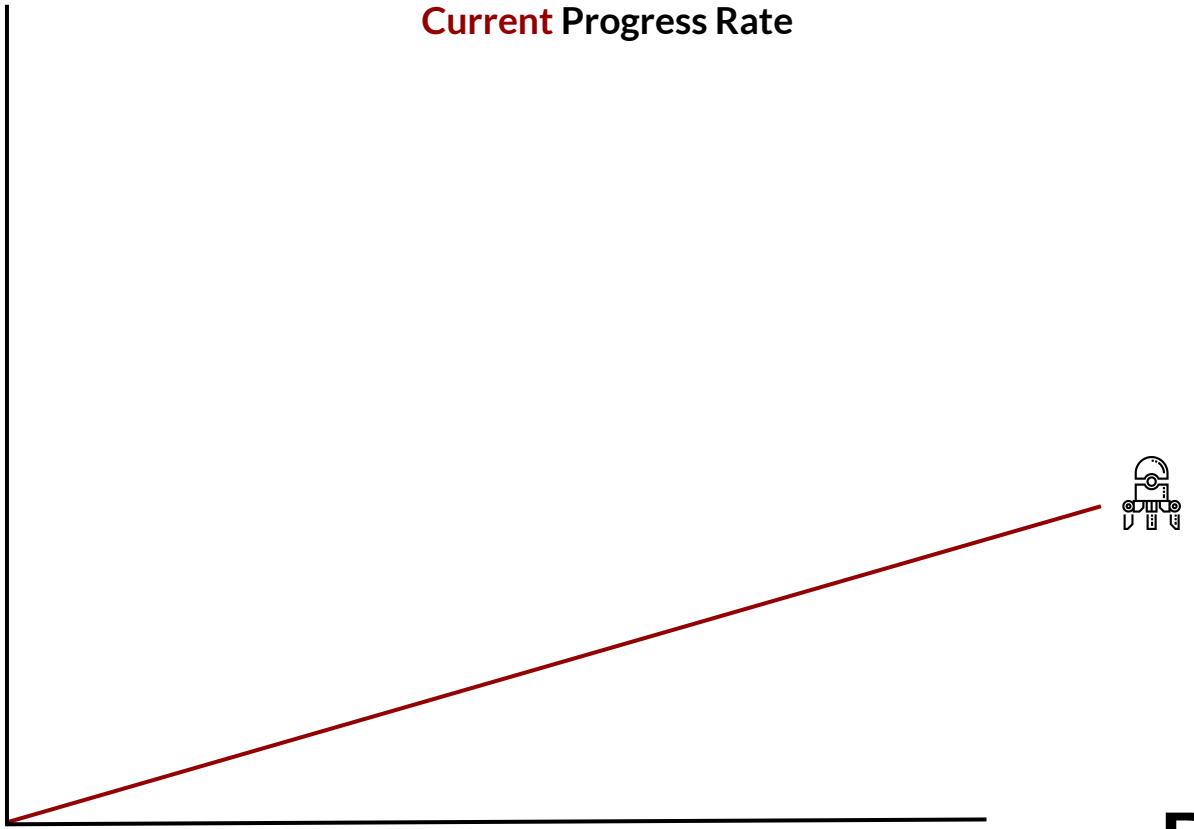


Reinventing **Evolution**

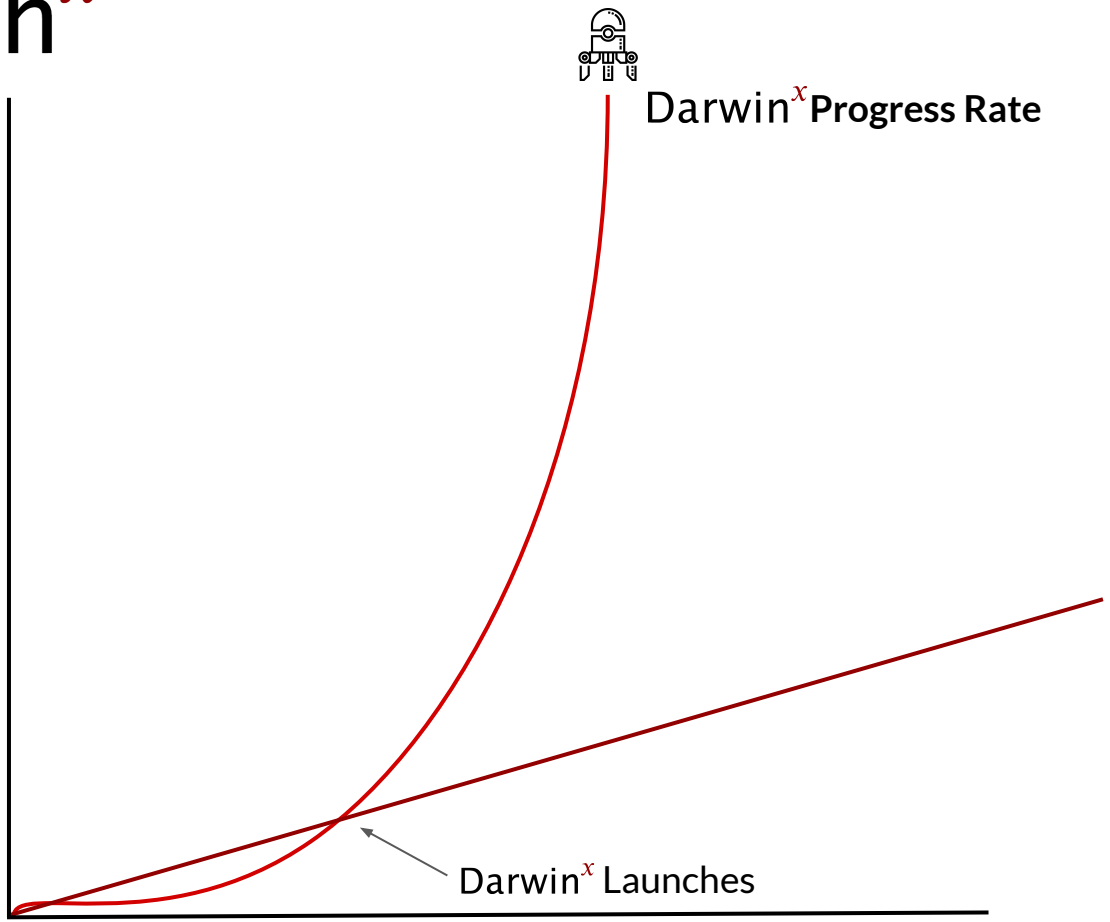
Our platform allows researchers to quckly create nanobots optimized for their specific application. Using a simulation we test various designs, then through an evolutionary algorithm optimize them according to certain specifications.

Learn more

No Darwin^{x}



With Darwin^x



D^x


SONY
CARDIOCAP

Darwin^{x}

Reinventing Evolution

D^{x}