MIT Student's **EMT variations in cancer**

My project tried to capture the transformative aspect of mesenchymal epithelial transition as it relates to the environment. The basis for cell growth is very heavily reliant on the amount of oxygen or rather the lack of oxygen. This project captures that environmental constraint. The cast ltranforms in the z direction based on shape. This is representative of the cells physically changing shape based on the environmental conditions (the z axis can be seen as time, where time is increasing in the positive z direction). However, the shapes and the movement for these structures is also informed by the amount of oxygen present locally which forces them to move in and out (in the x and y direction) depending on the amount of oxygen present.
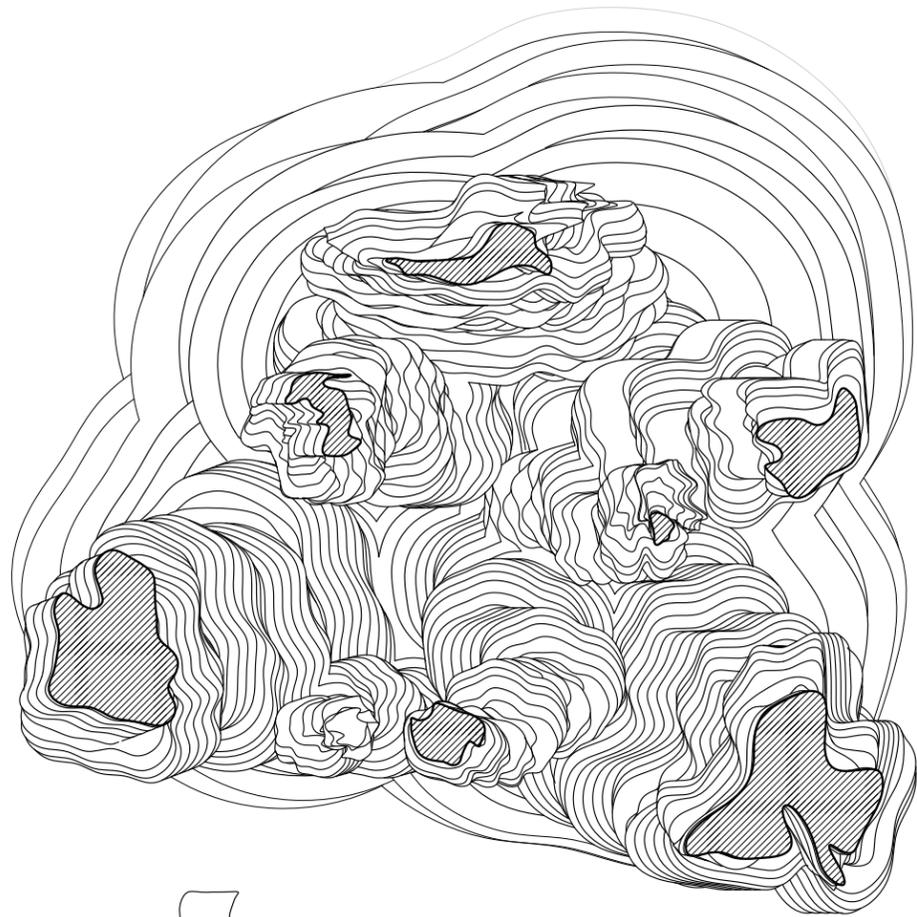
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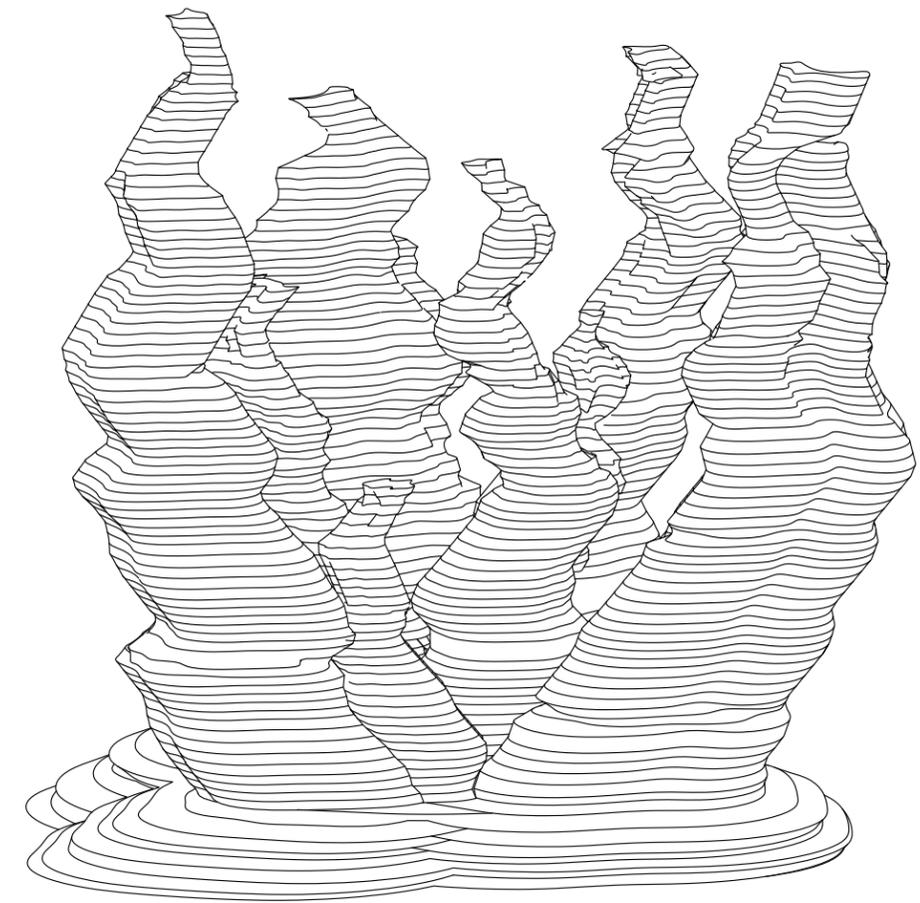
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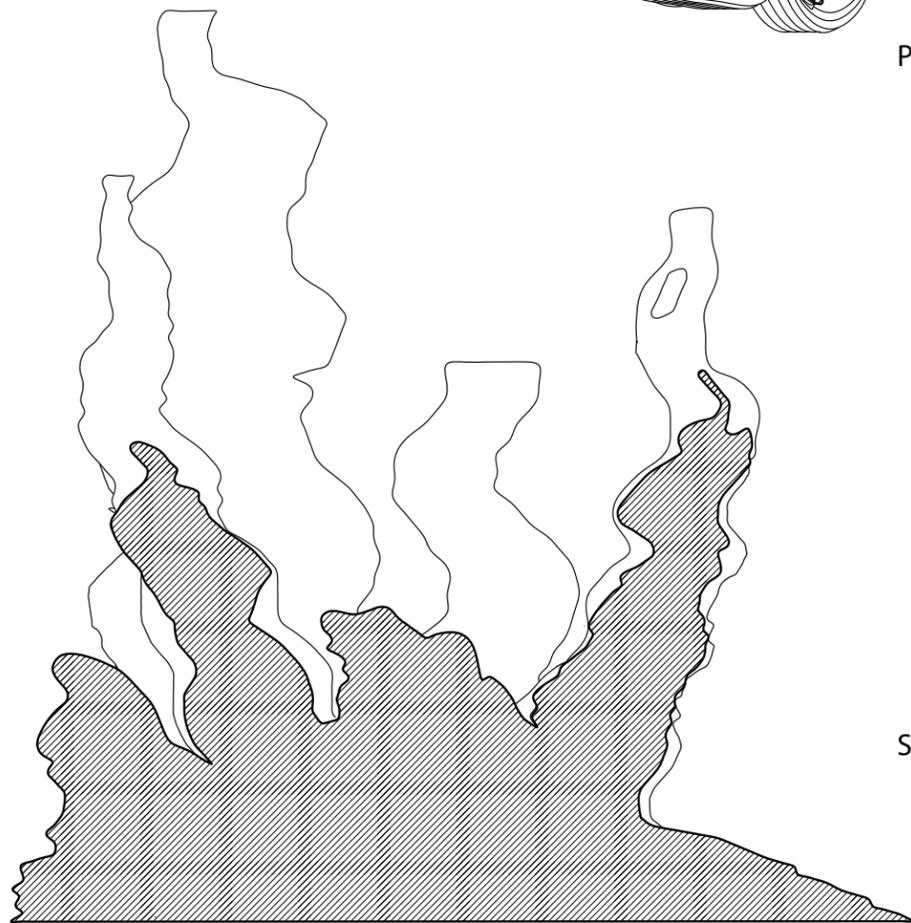
Section

Logic diagram

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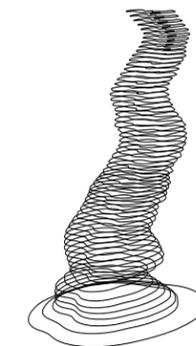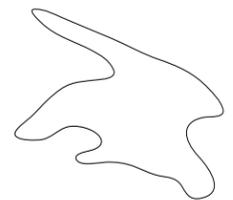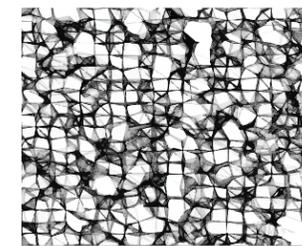
4.112 Architecture Design Fundamentals I: Nano-Machines
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