

Sherwin Duran

Reflection 1

### **Andy Lomas**

Andy Lomas is a British artist and scientist who combines art with science, particularly in the fields of biology and computational design. Using computers and mathematical models, he creates detailed visualizations of natural processes, such as the growth and development of cells and organisms. His work is inspired by patterns and structures found in nature, like how cells divide and form complex shapes as they grow. Lomas blends his expertise in art and science by using computer programs to simulate biological processes, creating striking 3D images that present these processes in a fresh and captivating way. His work goes beyond just being visually appealing, it explores the deeper workings of life, showing us the complexity of nature's growth. He has showcased his work in numerous exhibitions at major art centers, museums, and festivals. His pieces are also part of important collections. In 2014, Lomas's work *Cellular Forms* won the Lumen Prize Gold Award, a prestigious honor in the world of digital art. Lomas's art encourages curiosity and invites viewers to think more deeply about the processes that shape life. His innovative approach helps make complex scientific concepts more accessible and engaging to a wider audience. Additionally, he has been invited to speak at various companies, conferences, and events, where he shares his unique insights with diverse audiences from many fields. Through his work, Lomas sparks conversation and encourages a deeper appreciation of the natural world.

I really like Andy Lomas's *Cellular Forms* since it's such an interesting piece of art. The way he uses computers to simulate how cells grow, and divide is impressive. The shapes he creates look like tiny living sculptures, and it's interesting to think about how he brings something so complex to life using technology. What I find most fascinating about

*Cellular Forms* is how it shows the complexity of nature. When cells divide, something so simple can lead to unexpected patterns. It's like watching something small and simple turn into something grand and detailed, which makes me think about how life works around us. We don't usually see these processes with our eyes, so it's really cool to see them in this artwork. I also appreciate how this piece blends art and science. It's not just a pretty picture; it's a way of making a scientific idea more relatable and easier to understand. The digital sculptures go beyond what would be possible to create by hand, showing how technology can be used to explore complex ideas. I acknowledge how Lomas takes something we might think of as a scientific concept and turns it into a work of art that speaks to us emotionally as well as intellectually. *Cellular Forms* makes me think about the world in a different way. It reminds me of how much is going on around us that we can't always see, and how even the smallest actions can lead to amazing results. For me, this artwork is a perfect example of how creativity and technology can come together to reveal the mystery of life. It's both visually stunning and thought-provoking, and I really appreciate how it opens my eyes to the complexity of nature.