



Catalin Iliescu

SCIENTIFIC ILLUSTRATOR
3D MEDICAL ARTIST
MOA VIZ SPECIALIST

CONTACT

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EDUCATION

Bachelor of Arts – Visual Arts
Spiru Haret University, Bucharest

Graphic Design Certificate (CalArts)
California Institute of the Arts

LANGUAGES

English – C1 (Advanced)
Romanian – Native

PROFESSIONAL SUMMARY

Scientific Illustrator and 3D Medical Artist with over nine years of experience creating mechanism-of-action (MoA) sequences, molecular illustrations, cellular environments, anatomical models, and medical animations for educational, pharmaceutical, and research communication.

Skilled in transforming complex biomedical processes into clear, accurate, visually engaging 3D imagery.

Expert in Blender, ZBrush, and Adobe tools. Passionate about translating scientific concepts into compelling visual stories that support medical education and pharma communication.

Medical & Scientific Visualization

- Mechanism-of-action illustration (MoA)
- Molecular modeling (proteins, receptors, ligands)
- Cell biology visualization
- Anatomy & physiology modeling
- Pharmacology / biological pathways
- Visual explanation design

3D Production & Technical Skills

- Blender (advanced)
- ZBrush
- Scientific texturing & shading
- Lighting for biomedical scenes
- Cinematic rendering
- 3D animation (MoA sequences)
- Compositing: Photoshop, DaVinci, Fusion

Professional Strengths

- Visual storytelling
- Clear communication of scientific concepts
- Understanding of pharma/medical communication
- Working with art directors, scientists & medical writers
- Efficient pipeline management
- High attention to scientific detail

EXPERIENCE

Freelance Scientific Illustrator & 3D Medical Artist
Independent Consultant

2014 – Present | Remote / International Clients

- Produced mechanism-of-action sequences, molecular scenes, cellular interactions, and anatomical visualizations for medical communication projects.
- Translated scientific content (research papers, medical briefs, pharma materials) into accurate 3D visual explanations.