

Ronit Goldberg, PhD

Israel |

Profile

Innovative scientific leader and biotech entrepreneur with a PhD in biophysics and over 20 years' experience in nanotechnology, drug delivery systems, and biomedical innovation. CEO of Liposphere Ltd., specializing in biocompatible biomaterials for ultra-low friction biomedical applications, and clinical trials.

Professional Experience

CEO, Liposphere Ltd., Israel (2019–Present)

Leading biomedical startup; responsible for strategy, operations, fundraising, partnerships, and regulatory compliance.

Research Coordinator & PI, Weizmann Institute of Science (2011–2018)

- Led multiple pre-clinical and proof-of-concept studies in ophthalmic drug delivery, tendon therapy, and anti-biofouling coatings
- Managed collaborations with hospitals and international partners
- Oversaw ethical applications, grant writing, study design, and IP generation
- Filed multiple international patents based on research outcomes

Postdoctoral Fellow, Weizmann Institute of Science (2011–2013)

- Established and managed a liposome-based tribology lab
- Focused on biolubrication and nanoparticle characterization

Software Engineer, EMC² & ECI Telecom (1999–2004)

- Developed R&D software in C++ and Unix environments
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Education

- **PhD**, Biophysics, Weizmann Institute of Science, Israel
 - **MSc**, Biotechnology Engineering, Ben-Gurion University
 - **BSc**, Computer Engineering & Mathematics, Ben-Gurion University
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Key Achievements

- **10+ international patents** in drug delivery and biomaterials
- **14+ peer-reviewed publications** in journals like *Advanced Materials* and *Nature Communications*
- Authorization for animal research (Weizmann Institute)
- Graduate of the Wise Entrepreneurship Program, IDEA, and MIT accelerators