

Shlomo Magdassi is a Professor at the Institute of Chemistry of The Hebrew University, and is the Director of the Center for Functional and 3D Printing.

His research group focuses on materials science and nanotechnology. The main research fields of the group are: formation and stabilization of inorganic and organic nanomaterials, formulation of these materials in various inks and delivery systems, and their application in a variety of fields such as 3D and functional printing and solar energy. He is the author of over 270 publications, about 20 chapters in books, and the editor of 4 books: Surface Activity of Proteins, Novel Cosmetic Delivery Systems, The Chemistry of Inkjet Inks, and Nanomaterials for functional and 3D printing.

He also has more than 70 inventions, which are related to applications of dispersed systems in various industries. In addition to basic scientific research he conducts industrial R&D projects with various companies, such as in solar energy, cosmetics, pharmaceuticals, digital printing and printed electronics. Based on his inventions, many commercial activities evolved, which led to various licensing agreements, worldwide sales and establishing new start-up companies.

For more info see: <https://scholars.huji.ac.il/magdassi>