

**SHELA GORINSTEIN**  
**CURRICULUM VITAE**

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**EDUCATION:**

1953 - 1958 B.Sc. & M.Sc. (Prof. A.S. Chernyavskii), Lvov Polytechnic Institute, USSR.

1963 - 1968 Ph.D. (Prof. G. Fertman), Moscow & Lvov Polytechnic Institutes, USSR.  
Thesis: "Mathematical and Chemical Evaluation of Filtration Processes in Ethanolic Solutions".

1968 - 1971 D.Sc. (Profs. R. Vizgert & G. Fertman), Moscow and Lvov Polytechnic Institutes. Thesis: "Metal-Protein Complexes and Stability of Alcoholic Solutions".

**CAREER:**

1958 - 1971 At Lvov Polytechnic Institute: 1958, Instructor; 1962, Lecturer; 1966, Senior Lecturer; 1968, Associate Professor, Department of Inorganic & Analytical Chemistry.

1972 - present at the Hebrew University: 1972, Research Associate, Department of Inorganic & Analytical Chemistry; 1974, Senior Scientist ( Full Professor), Department of Medicinal Chemistry.

**AWARDS and HONORS:**

**2005, 2018. Two highest awards in scientific cooperation between Israel-Poland and Israel-Bulgaria; 2006, 2017**

**CURRENT RESEARCH INTEREST:**

Hypocholesterolemic effect of dietary fruits and beverages. Antioxidants and different radical scavenging methods. Nutritional value of beverages, fruits and their influence on metabolism. Coronary artery disease and moderate consumption of fruits, vegetables and beverages. Evaluation of genetic purity of seed storage proteins from different gluten-free plants through protein electrophoretic and isoelectrophoretic patterns. Relationship between the amino acid sequence and the structure of storage proteins. Functional properties of ovalbumin as a matrix for sustained drug release and its comparison with albumins and globulins from plants and other sources. Kinetics of enzyme-catalyzed reactions; kinetic models and computer implementation of the models.

**PUBLICATIONS:**

Author of over **378 publications**, review and conference proceedings in protein chemistry, food science and nutrition. Lectures and seminars were given in **240 different** Institutions, Universities and Industries around the world.

**In Web of Science h-index=45; in Google Scholar h=60.**