

SHELA GORINSTEIN
CURRICULUM VITAE

Department of Medicinal Chemistry and Natural Products, School of Pharmacy,
The Hebrew University of Jerusalem, P.O.B.12065, Jerusalem 91120, Israel,
Fax:972-2-6757076, E-mail: gorin@cc.huji.ac.il.

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 and Natural Products.

PROFESSIONAL EXPERIENCE:

1979 - 1980 Research Associate (Senior) at the University of Natal,
Pietermaritzburg, Prof. G.V. Quicke), South Africa. 1980 -1981 Research
Associate (Senior) at the University of Alberta, Edmonton, (Prof. D. Hadziyev);
Visiting Professor, University of Guelph (Prof. C. Duitschaeffer), Canada;
University of Nancy (Prof. L. Chapon) & Polytechnic Institute, Lille (Prof. R.
Scriban) France; Biochemical Institute, Braunschweig (Prof. H. Stegemann),
West Germany.

1982 - 1984 Professor, Department of Chemistry, The University of Zululand,
South Africa.

1985 - 2002 Research Associate at the University of Milan, Department
of Biochemistry (Prof. P. Cerletti), Milan, Italy; Visiting Professor, University
of Sao Paulo, Dept. of Food Science & Nutrition (Prof. F. M. Lajolo), Brazil;
University of Alberta, Alberta, Department of Food Science (Prof. D.
Hadziyev), Edmonton, Canada; University of Campinas, Center of
Molecular Biology & Genetic Engineering (Prof. P. Arruda), Cheng-yi Lii),
Taipei, Taiwan; Visiting Professor, National University of Singapore
(Prof.O.L.Kon), Singapore; Visiting Professor, Warsaw Agricultural
University, Department of Animal Physiology (Prof. G.W.Kulasek), Warsaw,
Poland; Visiting Professor, Biological Center (Dr. J.L. Ochoa), Baja
California, Mexico; University of Sao Paulo (Prof. G.A.Tosello), Brazil;
Research Center for Advanced Studies (Prof. O. Paredes), Irapuato,

Mexico; Dep. of Nutrition (Prof. N. Guerra), Recife, Brazil; Food Research Institute (Dr. H. Taniguchi, Dr. S. Kobayashi), Tsukuba, Japan; Beijing Agricultural University (Prof. L.-F. Yen), Beijing, China; King Mongkut's Institute of Technology (Prof. R. Haruenkit), Bangkok, Thailand; Technical University of Berlin (Prof. J. Salnikow), Berlin, Germany; Universidad de Antioquia, (Prof. N. Jaramillo, O.), Colombia; Pontifical Catholic University of Peru, (Prof. Eric G. Cosio), Peru, Universidad Central del Ecuador, (Prof. W. Nunez), Universidad Nacional de La Plata, (Prof. M. Anon), Argentina, Universidad de Lleida, (Prof. Olga Martín-Belloso), Lleida, Spain; Universidad Pedagógica y Tecnológica de Colombia (Prof. Oscar Medina), Tunja Boyaca, Colombia; Universidad de Bio Bio, (Prof. Maria Angelica Gonzalez, Prof. Fernando Toledo), Chillan, Chile; Mokpo National University (Prof. SY Park); Warsaw Agricultural University (Prof. H. Leontowicz); Institute of Oceanology (Prof. S. Moncheva).

AWARDS and HONORS:

1980 Visiting Professorship, Canada; **1981** France-Israel Visiting Fellow
1985 Israel-Mexico Exchange Fellow; **1987** Israel-Italy Exchange Fellow
1990 Visiting Research Professor Award, Taiwan; **1991** Visiting Research Professor Award, Singapore; **1992** Poland-Israel Visiting Fellow; Visiting Research Professor, Mexico; **1993** Visiting Research Professor, Brazil; **1994**; Visiting Research Professor, Mexico; **1995** Visiting Professor, Brazil; **1996** Japan- Israel STA Fellow- ship; **1997** DAAD fellowship; Visiting Professor, Colombia, Ecuador, Peru, **1998** Visiting Professor, Spain, Colombia, Argentina; **2000** Visiting Professor, Chile, Spain; **2001** Visiting Professor, Korea, Thailand; **2002** Visiting Professor, Poland, Bulgaria; **2003** Visiting Professor, Poland, Bulgaria, Korea; **2004, 2005** Visiting Professor, Poland, Spain, Chile, Thailand, Korea; **2005**, The highest award from the president of Poland for Scientific Cooperation.

SOCIETIES:

American Chemical Society, Agricultural and Food Chemistry, Subdivision; Israeli Chemical Society; Israeli Association for Medicinal Chemistry, Japan Society for Bioscience, Biotechnology and Biochemistry.

CURRENT RESEARCH INTEREST:

Hypocholesterolemic effect of dietary fruits and beer. Antioxidants and different radical scavenging methods. Nutritional value of beverages, fruits and their influence on metabolism. Coronary artery disease and moderate beer consumption and fruit consumption. Evaluation of genetic purity of seed storage proteins from different 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 200 publications, review and conference proceedings in protein chemistry, food science and nutrition. Lectures and seminars were given in 175 different Institutions, Universities and Industries around the world.