

RESUME

Full name: Zeev Gross

Date and place of birth: September 27, 1954, Afula - Israel.

Web site: <http://chemistry.technion.ac.il/members/zeev-gross>

ACADEMIC DEGREES

Ph.D.: 1987, Chemistry, Bar Ilan University

M.Sc.: 1982, Chemistry, Bar Ilan University

B.Sc.: 1979, Chemistry, Bar Ilan University

ACADEMIC APPOINTMENTS

Princeton University, Fulbright Postdoctoral Fellow, 6/1988-9/1990

Schulich Faculty of Chemistry, Technion, from 1990-present;

Full professor since 2002;

R.M. & R.D. Blum Professor since 2004

6 months visiting appointments at Caltech: 3-9/1999, 3-9/2009, 3-9/2018

RESEARCH INTERESTS

- *Inorganic Chemistry*: Unique Coordination Chemistry of Corroles, Sapphyrin and related ligands
- *Bioinorganic Chemistry*: Reaction Mechanism of Catalytic Processes and the Design of Biomimetic Catalysts for Electro- and Photo-Catalysis
- *Medicinal Chemistry*: Introduction of New Metallodrugs and Strategies for Defeating Cancer, Diabetes Complications, and the Prevention of Cardiovascular and Neurodegenerative Diseases

AWARDS and HONORS (last 6 years)

Moore Distinguished Scholar, Caltech, 2014

Israel Chemical Society Award for the Outstanding Scientist, 2/2014 (*unshared*, the only one ever)

Xingda Lecture, PKU, 9/2014

Resnick Distinguished Lecture, Caltech, 9/2017

Mahler Lecture, Univ. of Texas at Austin, 4/2018

Invitational Fellowship for Research in Japan (JSPS), 1/2018

Hans Fischer Career Award in Porphyrin Chemistry, 7/2018

PUBLICATIONS, Patents & Conferences

> 200 scientific publications

7 approved patents, 2 pending patents

> 100 invited, keynote, and plenary lectures in international conferences