

Prof. Meir Lahav

Department of Molecular Chemistry and Materials Science,
Weizmann Institute of Science,
Rehovot, 76100, Israel

Personal Data

Date and Place of Birth: 27 June 1936; Sofia, Bulgaria.

Academic Training

1962: M.Sc in Chemistry (with Honour), *The Hebrew University*, Jerusalem, Israel.

1967: Ph.D in Chemistry, *Weizmann Institute of Science*, Rehovot, Israel.

1969-1971: Postdoctoral Research, *Harvard University*, Cambridge Mass., USA.

Professional Experience

1967-1969: Junior Scientist (WIS).

1971-1974: Intermediate Scientist (WIS).

1975-1977: Senior Scientist (WIS).

1978-1982: Associate Professor of Chemistry (WIS).

1982-2004: Full Professor (WIS).

1984-2004: Margaret Thatcher Prof. of Chemistry (WIS).

2004 - : Prof. Emeritus.

1979-1983: Chair Board of Chemistry Studies, Feinberg graduate School (WIS).

1984-1986: Vice Chair of the Scientific Council (WIS).

1991-2000: Founder and Head of the Department of Materials and Interfaces (WIS).

1995-2001: Founder and First Director of the G. M .J. Schmidt Minerva Centre for
Supramolecular Interactions (WIS).

Honours and Academic Awards

1965: The J. F. Kennedy prize of the Feinberg School. (Israel)

1974: E.D. Bergmann Prize. (Israel)

1984: The Koltoff Prize of the Israel Institute of Technology. (Israel)

1984: Medal of the Royal Chemical Society. The Centenary Lecturer. (UK)

- 1984-2004:** The Margaret Thatcher Chair of Chemistry. (Israel)
- 1985:** The FMC lecturer of Princeton University. (USA)
- 1986:** The Backer Lecture, University of Groningen. (The Netherlands)
- 1987:** The Prelog Medal E.T.H. Zurich. (Switzerland)
- 1992:** The Degussa Lecturer University of Frankfurt. (Germany)
- 1998:** Member of Leopoldina- The German Academy for Natural Sciences. (Germany)
- 1999:** G. Piercy Distinguished Visiting Professor, Department of Engineering and Material Sciences, Minesota. (USA)
- 1999:** The Israel Chemical Society Prize. (Israel)
- 2002:** The Gregory Aminoff Prize of the Swedish Academy of Science. (Sweden)
- 2006:** The Chirality Medal from the Italian Chemical Society. (Korea)
- 2009:** The Medal of the Israel Chemical Society. (Israel)
- 2016:** The Israel Prize in Chemistry and Physics. (Israel)
- 2017:** The medal of the International Union of Biochemistry and Molecular Biology. (Italy)
- 2018:** The EMET Prize for Science, Art and Culture (Exact Sciences: Chemistry). (Israel)
- 2021:** The Wolf prize in Chemistry. (Israel)

Academic activities abroad

- 1972 and 1973:** Visiting Scientist, Orsay Paris. (H. Kagan).
- 1978-1979:** Visiting Scientist, Allied Chemical, Morristown N.J. USA (E. Wasserman).
- 1982:** Visiting scientist, Cambridge U.K (J. M. Thomas).
- 1984:** Visiting Scientist, Harvard University, presented six lectures (G. M. Whitesides).
- 1984-1994:** Consultant Du-Pont Delaware USA.
- 1992:** Visiting Scientist University of Frankfurt, presented six lectures (G. Quinkert).
- 1992:** Visiting Prof., University of Mainz, (H. Ringsdorf).
- 1992:** Visiting Prof., Max Plank for Polymer Research, (G. Wegner).
- 1995:** Visiting Prof., University of Paris V-VI, (M. P. Pileni).
- 1992 and 2004:** Visiting Prof., University of Strasbourg, (J. M. Lehn).
- 2005 and 2008:** Visiting Prof. University of Tokyo, (K. Soai).

Presented around ~130 Plenary, Keynote and Invited Lectures at International Conferences Including:

1978: Burgenstock on Stereochemistry. (Switzerland)
1984: Nobel Conferences on Asymmetric Synthesis. (Sweden)
1985: Solvay Conference on Molecular Recognition. (Belgium)
1999: L'anne Pasteur. (France)
2002: International Conference of Crystallography, IUPAC lecture. (Switzerland)
2007, 2009: Nano-Chirality Stiege and Liverpool. (UK)
2008: Nordita on Origin of Homochirality. (Sweden)
2012: A Symposium in Honour of Prof. J.M. McBride, Yale. (USA)
2017: IUBMB Jubilee Lecture (Italy).
2017: Keynote speech, "Crystallography 2017" (USA)

- Five Pure and Applied Chemistry lectures. (Austria, Germany, Belgium, Israel)
- Three Rousel-Uclaf Lectures. (France)
- Lectures presented before the French, German, Zurich, American, Japan, and Israel Chemical Societies.

Lectures presented at universities around the world: Harvard, Yale, MIT, Caltech, Columbia, UCLA, Berkley, Vancouver, Strasbourg, Paris, Tokyo, Kyoto, Singapore, and the Gordons Conferences and Others.

Professional Society Activities and Memberships

1977: Organizer of the French-Israel conference on Chirality, Ein Bokek, Israel.
1987-2012: Member of the International Conference on the Chemistry of the Organic Solid State (ICCOSS).
1989: Organizer and Chair of the Wolf-Prize Symposia, Weizmann Institute, Isarel.
1993: Organizer of the 11th ICCOSS, Ramat Rachel, Israel.
1994-1997: Member of the Minerva Committee for Postdoctoral Fellowships.
1995-2001: Organizer of six Minerva-Gentner Chemistry Symposia.
1998: Member of Leopoldina- The German Academy for Natural Sciences. (Germany)
2001-2006: Member of the Managing Committee of the European COST D 27 program on Pre-biotic Chemistry.
2007-2011: Member of the Managing Committee of the European COST program on System Chemistry.

Editorial and Advisory Boards

- Advanced Materials
- Angewandte-Chemie
- Journal of System Chemistry
- Materials Chemistry
- Tetrahedron & Tetrahedron Letters
- Enantiomer,
- Nouveau Journal de Chimie
- Israel Journal of Chemistry, Guest Editor.
- Origin of life and Evolution of the Biosphere, Guest Editor.

Scientific Advisory Board

1984-1994: Consultant Du-Pont Delaware USA.

Publications

- Number of papers in peer-reviewed scientific journals: ~**300**
- Books: Contributed chapters to books ~**10**.

Research Interests

Solid state chemistry, Origin of homochirality, Surface sciences, Langmuir films, Crystal growth, Polymorphism, and Chemical crystallography, Material sciences, Pyro-electricity