

## **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, Minnesota. (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)
- 2022:** Member of Israel Academy for Sciences and Humanities. (Israel)
- 2022:** The Career Award from the Proteomass Scientific Society. (Portugal)

### **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 11<sup>th</sup> 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