



The International Society for Molecular Recognition (ISMR) fosters communication and networking between researchers concerned with molecular recognition, covering from fundamentals to applications in chemistry, biology, biotechnology and medicine.

Molecular Recognition is at the foundation of revolutions in molecular biology, biotechnology, bioengineering and medicine.

Advances in biological, chemical, physical and computational methods have provided researchers with the tools not only to identify and characterize interacting molecules, but also to understand the general rules of molecular recognition. Equally important, advances in our understanding of the structural basis of interaction, and our ability to design new recognition molecules, complement the field of affinity technology, making it possible to use native and designed interacting molecules for a wide range of applications in biotechnology and bioengineering, namely purification, diagnostics and therapeutics.

The ISMR thus embraces academic and industrial members working in the field of molecular recognition, namely:

1. Computational methods to understand molecular recognition events and to design or engineer new recognition molecules
2. Tools to understand and measure molecular recognition events
3. Design and assembly of libraries of recognition molecules using both synthetic and biological scaffold molecules
4. Use of screening and panning tools to select novel and improved recognition molecules towards targets of interest
5. Use concepts of molecular recognition, using natural or engineered recognition molecules, for *in vitro* or *in vivo* biotechnological and bioengineering applications, namely purification, diagnostics and therapeutics.

Aims of the ISMR

The purpose of the ISMR is to promote science concerned with molecular recognition.

The ISMR aims to:

1. Promote networking between researchers concerned with molecular recognition and affinity technology both from academia and industry.
2. Foster industrial applications and knowledge transfer from academia to industry.
3. Plan, support and execute a biannual international scientific meeting, *Affinity*, that focuses on the principals of molecular recognition, the procedures utilized to

investigate molecular recognition, the results obtained utilizing such procedures, and the application of new concepts and methods in this area.

4. Promote activities in the area of molecular recognition, including local meetings, such as minisymposia or workshops at other national or international meetings.
5. Recognize excellence and impact of established researchers working in the Affinity Technology field through the international and highly-prestigious Affinity Awards.
6. Encourage excellent Younger Scientists working in the field of Affinity Technology through the Younger Investigator Awards.

ISMR History

The International Society for Molecular Recognition (ISMR) was founded in 1985.

List of Affinity meetings:

Affinity 2019: Stockholm, Sophia Hober

Affinity 2017: Paris, Karsten Haupt

Affinity 2015: Puerto Vallarta, Mexico - Willson, Rito-Palomares, Asenjo

Affinity 2013: Vienna, Austria - Alois Jungbauer

Affinity 2011: Tavira, Portugal - Guilherme N. M. Ferreira

Affinity 2009: University of Iceland, Reykjavik - Hörður Filippusson

Affinity 2007: New York University, New York, USA - George Ehrlich

Affinity 2005: Uppsala University, Sweden - Lars Hagel

Affinity 2003: University of Cambridge, Cambridge, England - Chris Lowe

Affinity 2001: CIAD AC, Mexico - Luz Vasquez-Moreno

Affinity 1999: University of Compiègne, France - M.A. Vijayalakshmi

Affinity 1997: University of Kalmar, Sweden - Sten Ohlson

Affinity 1995: San Antonio, Texas, USA - Bill Scouten

Affinity 1993: Gwatt/Thun, Switzerland - Eberle-Fischer

Affinity 1991: Yokohama, Japan - Ishii-Kesai

Affinity 1989: Jerusalem, Israel - Meir Wilchek

Affinity 1987: Oberammergau, Germany - Herbert Jennissen

Affinity 1985: Prague, Czechoslovakia - Turkova

Affinity 1983: Annapolis, Maryland, USA - Irwin Chaiken

Affinity 1981: Nijmegen, Holland - T. Gribnau

Affinity 1979: Strasbourg, France - Eglis

Affinity 1977: Vienna, Austria - Hofmann-Ostenhof and Breitenbach

Affinity 1975: Liverpool, England