

***Catalytic Enantioselective Synthesis of
Tertiary Alcohols and Tetrahydroisoquinolines:
Methodologies and Mechanistic Aspects***

Prof. Syuzanna R. Harutyunyan
University of Groningen (The Netherlands)

Friday 14th November, 2014. ICIQ Auditorium, 12 p.m.

Professional Career

Prof. Syuzanna R. Harutyunyan is currently a tenured Associate Professor in Synthetic Organic Chemistry at the University of Groningen. Before joining the University of Groningen to occupy a tenure-track position, she carried out research in Armenia, Russia, Poland, Belgium, and in the Netherlands. She worked for two years as a senior scientist at *Tibotec-Janssen Pharmaceutica-J&J (Belgium)*. The research was focused on the development of new metathesis catalysts. During her post-doctoral with Prof. Feringa (Netherlands) her research led to the discovery of the first enantioselective catalytic methodologies using Grignard reagents. As a visiting scientist in the group of Prof. K. Grela (Poland) she worked on the synthesis and the application of metathesis catalysts. During her PhD research under supervision of Prof. Yu. N. Belokon (Russia) she developed new strategies for enantioselective synthesis of amino acids in phase-transfer-conditions. Syuzanna obtained her masters degree in pharmacology at Yerevan State University.



Research Interests

Asymmetric catalysis, organometallic synthesis
Elucidating reaction mechanisms with accent on NMR and kinetic studies
Studies towards asymmetric amplification, origin of homochirality

Awards

Recipient of a NWO VIDI award (2014)
Recipient of a NWO ECHO award (2012)
SOLVIAS prize for enlarging the scope of ferrocenyl ligands in asymmetric synthesis (2011)