



החברה הישראלית לכימיה
THE ISRAEL CHEMICAL SOCIETY

<http://www.chemistry.org.il>

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Dear ICS members,

It is my great pleasure to announce that the 2013 ICS Excellent Young Scientist Prize will be awarded to Prof. Fernando Patolsky of the School of Chemistry, Tel Aviv University.

Prof. Patolsky has made seminal advances at the interface between nano-electronics and biological systems. He has demonstrated selective electrical sensing of individual viruses and ultra-sensitive and multiplexed detection of cancer marker proteins and the activity of tumor-related enzymes. This approach is completely different from other works in nano-medicine, in that it uses electrical means for label-free detection with unprecedented sensitivity, and will likely play a transforming role in medical diagnostics. He has integrated arrays of nanowire transistors with neurons, thus interfacing nanoscience with the human brain. Overall, he has published more than 80 research papers and 30 patent applications with over 7,000 citations (h-index 38).



Prof. Fernando Patolsky

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The award ceremony will take place at the opening session of the 79th ICS Annual Meeting in February 4, 2014.

Congratulations to Fernando for his achievements!

Ehud Keinan

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