

Sharon Ruthstein (ID 033536574)**Department of Chemistry**

Faculty of Exact Science, University of Bar-Ilan, Israel.

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Marital status: Married+2.

Born: Dec. 11, 1976.

Educational Background

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| 2008-2011 | EMBO Long-term Post-doctoral Fellow at the University of Pittsburgh, Department of Chemistry. Advisor: Prof. Sunil Saxena. |
| 2003-2008 | Ph.D. in Chemistry, with Honors , Weizmann Institute of Science, Rehovot, Israel. Advisor: Prof. Daniella Goldfarb. Thesis title: The formation mechanism of mesoporous materials studied by EPR spectroscopy and Cryo-TEM. |
| 2000-2003 | M.Sc in Chemistry, with Honors , Weizmann Institute of Science, Rehovot, Israel. Thesis title: Study of the formation of the mesoporous material SBA-15 by EPR spectroscopy. |
| 1996-2000 | B.Sc in Chemical Engineering, (summa cum laude) , Technion, Haifa, Israel. |

Positions

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| Oct 2020 – Present | Full Prof., Department of Chemistry, Bar-Ilan University. |
| Apr. 2017 – Oct 2020 | Assoc. Prof., Department of Chemistry, Bar-Ilan University. |
| Oct. 2011- Apr. 2017 | Senior Lecturer, Department of Chemistry, Bar-Ilan University. |

Awards and Fellowships

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| 2017 | ICS Young Scientist award |
| 2015 | Krill prize for excellent young scientists (Wolf Foundation) |
| 2008 | EMBO long term fellowship |
| 2008 | AAUW post-doctoral fellowship (declined upon receiving the EMBO) |
| 2007 | Dean's excellence prize for PhD students – Weizmann Institute, Rehovot, Israel |
| 2007 | JEOL prize talk given at the international meeting of the ESR group of the RSC, New College, Oxford, 25-29 March 2007 |
| 2007 | Auto Schwartz prize - Weizmann Institute, Rehovot, Israel |
| 2007 | Wolf foundation fellowship for excellent PhD students |
| 2004 | Eshkol scholarship for PhD students |
| 2003 | Mention of Honor of the Knesset (The Israeli Parliament) |
| 2003 | Dean's excellence prize for MSc students – Weizmann Institute, Rehovot, Israel |
| 1998 | Sidney Goldstein Excellence prize- Technion, Israel |

Teaching

General Chemistry, Symmetry for chemists, Introduction to Electron Paramagnetic Resonance, Chemical physics lab.

Research Interests

Protein structure and function, structural biology, magnetic resonance, metalloproteins, copper homeostasis.

Research grants

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| 2012- 2016 | ISF young researcher equipment grant |
| 2012- 2016 | ISF Personal grant |
| 2012 –2016 | Marie Curie Integration grant |
| 2016- 2017 | Kamin together with Dr. Okun (BIU) |
| 2016- 2020 | ISF Personal grant |
| 2017-2022 | ERC STG |
| 2017-2019 | MOST Israel-Italy |
| 2017-2021 | MOST Anal. Chem. With Dr. Lior Elbaz |
| 2019-2023 | BSF together with Prof. Saxena (PITT) |
| 2019-2021 | Magneton together with Isotopia Ltd and Prof. Okun (BIU) |
| 2020-2024 | BSF-NSF together with Prof. Saxena (PITT) |

Others

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| 2014-2018 | Substitute member of the COST CM1306 action. |
| 2018- Present | Israel representative of the EFEPR society |
| 2018-present | Editorial board “Israel Journal of Chemistry”. |
| 2019-present | Editorial board “Concepts of Magnetic Resonance A” |
| 2018-2022 | AMPERE committee member |