



**Maya Bar Sadan - CURRICULUM VITAE**

• **Education**

B.Sc. Summa cum Laude - 1996-2000, Technion – Israel Institute of Technology, Chemical Engineering

M.Sc. - 2000-2003, Weizmann Institute of Science, Materials and Interfaces Department

Name of advisor: Prof. S. Reich

Title of thesis: *Weak links in MgB<sub>2</sub> Superconducting wires*

Ph.D. – 2003-2007, Weizmann Institute of Science, Materials and Interfaces Department

Name of advisor: Prof. R. Tenne

Title of thesis: *Synthesis of inorganic fullerene-like structures by laser ablation and their characterization by advanced microscopy techniques.*

• **Employment History**

2017 – Associate Professor, Chemistry department, Ben-Gurion University, Israel.

2011-2016 - Senior Lecturer, Chemistry department, Ben-Gurion University, Israel.

2008-2011 - Post-Doc position, Peter Gruenberg Institute, Ernst Ruska-Centre for Microscopy and Spectroscopy with Electrons, Research Centre Juelich, Germany, under the supervision of Prof. Knut Urban.

• **Awards, Citations, Honors, Fellowships**

(a) Honors, Citation Awards (including during studies)

1. 2018, The Glat Prize for teaching, BGU
2. 2016, The Wolf Foundation, The Krill Prize
3. 2014, BGU, Roth Prize for excellence in teaching.

• **Research Grants**

1. 2018-2021 NSF-BSF grant, with Prof. Ashwin Ramasubramaniam, University of Massachusetts, Amherst, 70,000\$ per year.
2. 2018-2022 Head of PAT center of excellence No. 2171/17 on Hybrid CO<sub>2</sub> Reduction Catalysts Incorporating Layered and Metallic Materials. The consortium annual budget is 630,000\$, with an annual personal budget of 95,000\$.
3. 2016-2020 ISF personal grant. 75,000\$ per year, 300,000\$ in total.

4. 2011-2016 - The Israeli Center of Research Excellence (I-CORE) program, Center No. 152/11 for Alternative energies, headed by Prof. M. Herskowitz, BGU. ISF, 82,000\$ per year, 400,000\$ in total.
5. 2012-2016 - A member of the FTA group on Inorganic Nanotubes: From Nanomechanics to Improved Nanocomposites (Leading scientist Prof. Reshef Tenne, WIS). 13,000\$ per year, 52,000\$ in total.
6. 2012 - GIF Young, 45,000\$ in total.
7. 2012-2016 - ISF personal grant. 57,000\$ per year, 228,000\$ in total.
8. 2012 - Adelis Foundation with co-PI Prof. Lilac Amirav (Technion). 15,000 \$ in total.
9. 2012 - Nevet, BGU with co-PI Prof. Avner Rothschild. 21,500\$ in total.