

## Funded BARD-Vaadia Postdoctoral Fellowships, 2023

<b><u>BARD Number</u></b>	<b><u>Applicant &amp; Institution</u></b>	<b><u>Host &amp; Institution</u></b>	<b><u>Proposal Title</u></b>
FI-629-23	Freiberg, Y.F. U Hebrew	Arai, Y. U Illinois	Synergistic effects of ligand- and proton-promoted dissolution on P minerals: Implications for understanding organic amendments to solubilize phosphorus in calcareous soils
FI-630-23	Danieli, R. U Hebrew	Brandizzi, F. U Saskatchewan	Mechanisms for balancing stress and growth in plants
FI-632-23	Prinz Setter, O. Technion	Hochbaum, A. UC, Irvine	A Wolf in Sheep's Clothing – Understanding How Antimicrobial Surfaces in Agriculture Induce Antimicrobial Resistance
FI-634-23	Uni, D. U Hebrew	Smith, W.K. U Arizona	Carbon uptake in a drier world: Integrating field measurements and remote sensing data to quantify vegetation drought dynamics across spatiotemporal scales
FI-635-23	Shocron, A.N. Technion	Elimelech, M. Yale	Hybrid reverse osmosis and valent-selective electrodialysis for brackish water desalination for agricultural irrigation
FI-636-23	Yaaran, A. U Hebrew	Assmann, S.M. U Penn State	Intracellular and extracellular RNA expression following exposure to pathogens in whole leaves versus guard cells.