

Research at the Zucker lab

ד"ר אינס צוקר

ניווט מהיר: מחקר | השכלה | מינויים אקדמיים | פרסים ומלגות

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אתר המעבדה 🌐

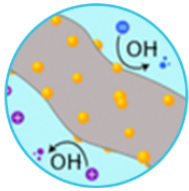
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Research at the Zucker lab

Our three main research programs

Environmental Nanotechnology



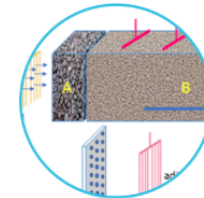
Nanomaterials for water treatment

Development of advanced water-treatment technologies which leverage the reactive and tunable properties of nanomaterials for selectivity toward priority pollutants, cost-efficiency and sustainability



Nanotoxicity

Using model phospholipid bilayer membranes, we fundamentally study interactions of living cells and emerging nanomaterials of different chemical composition, orientation, and morphology



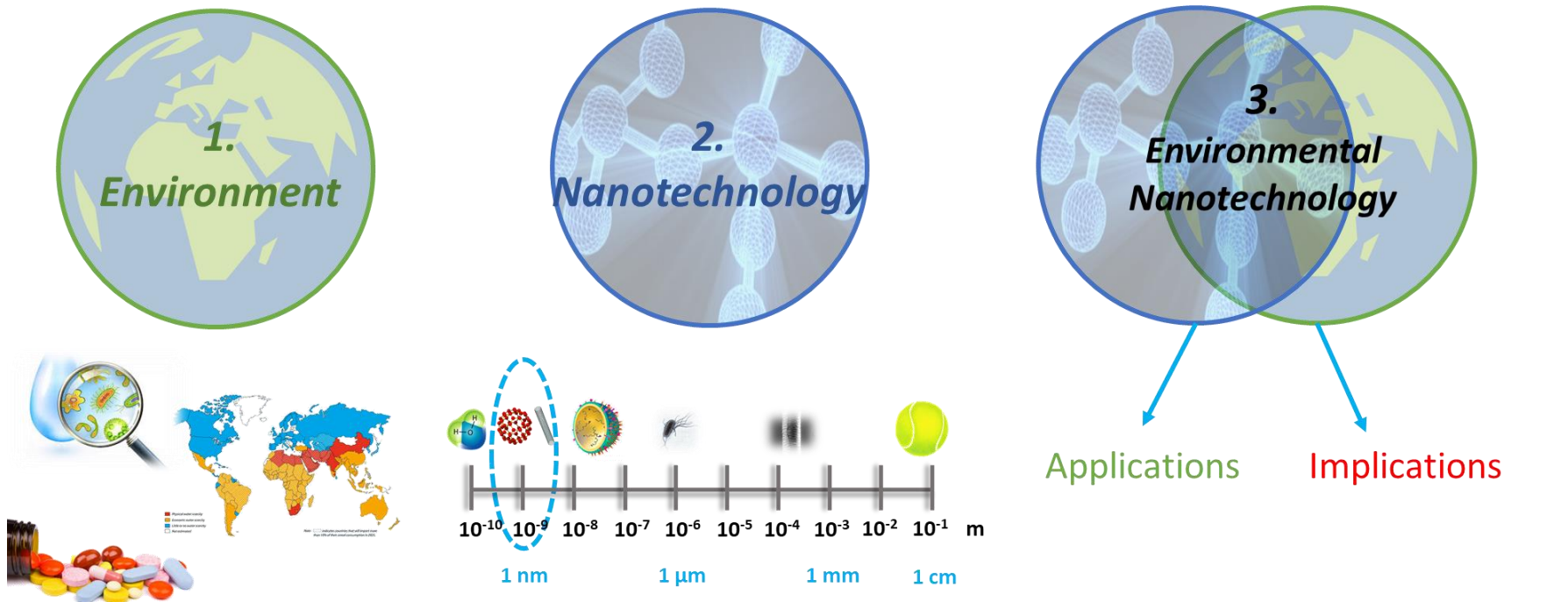
Advanced Oxidation

Practical oxidation technologies for organic contaminant removal from wastewater and groundwater



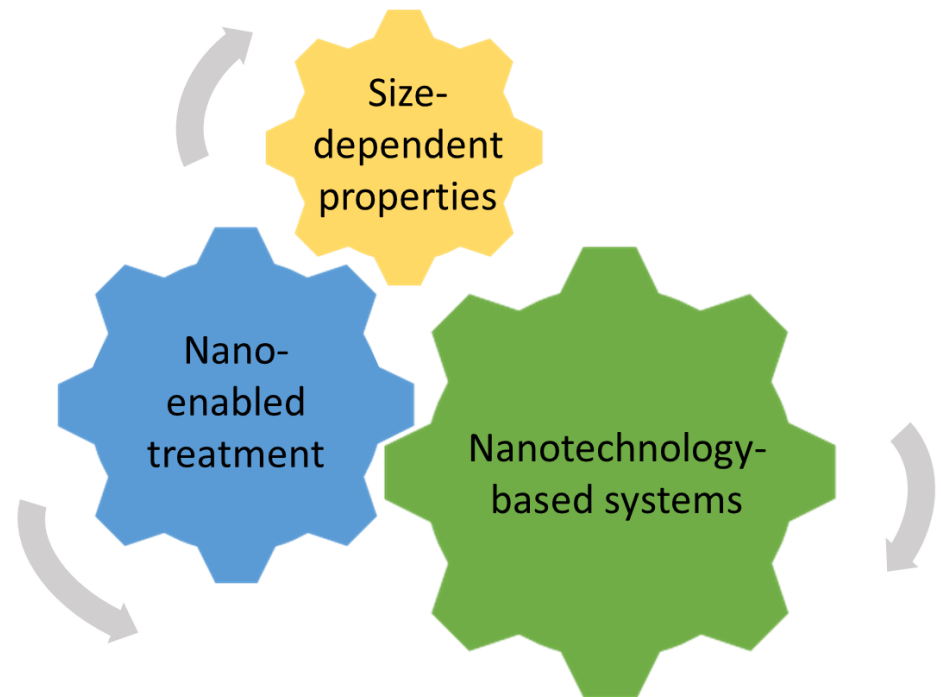
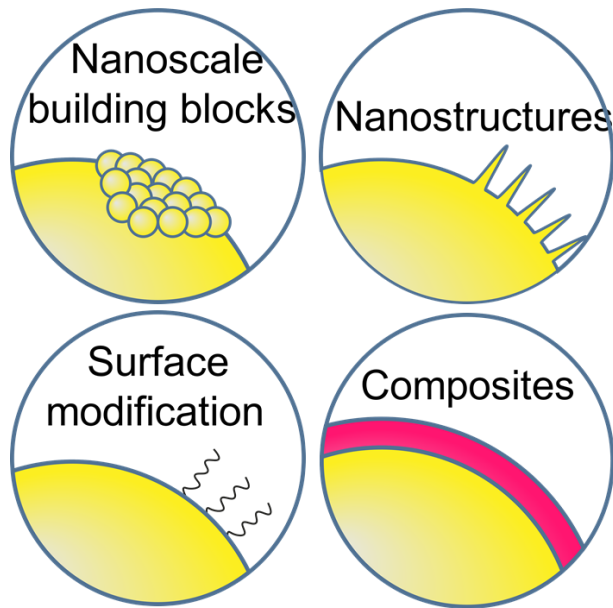
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What is Environmental Nanotechnology?



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- Addressing Water Challenges Through Nanotechnology



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- Environmental Costs of Using Nanotechnology

