Bar-Ilan's Researchers Websites

Colors

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Icons

According to the icons from Bar-Ilan's website



Headings

Researchers Websites H1

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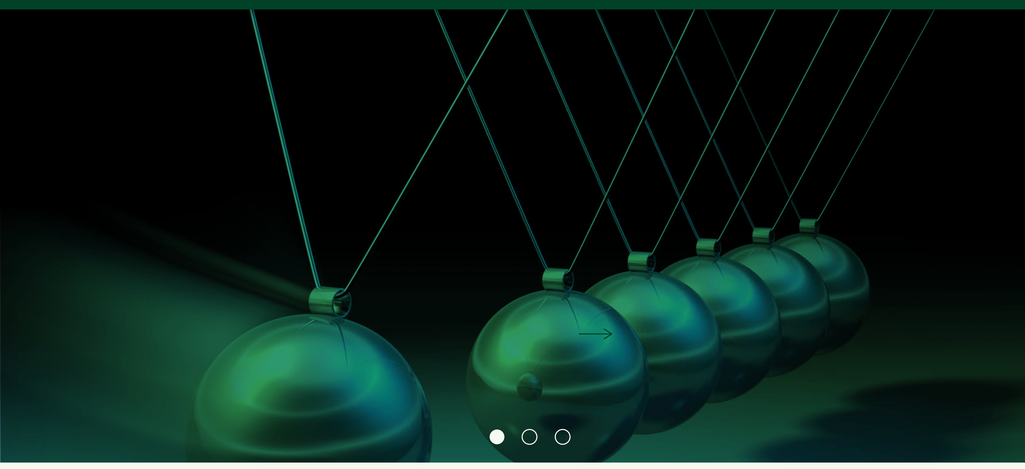
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Recent Publications

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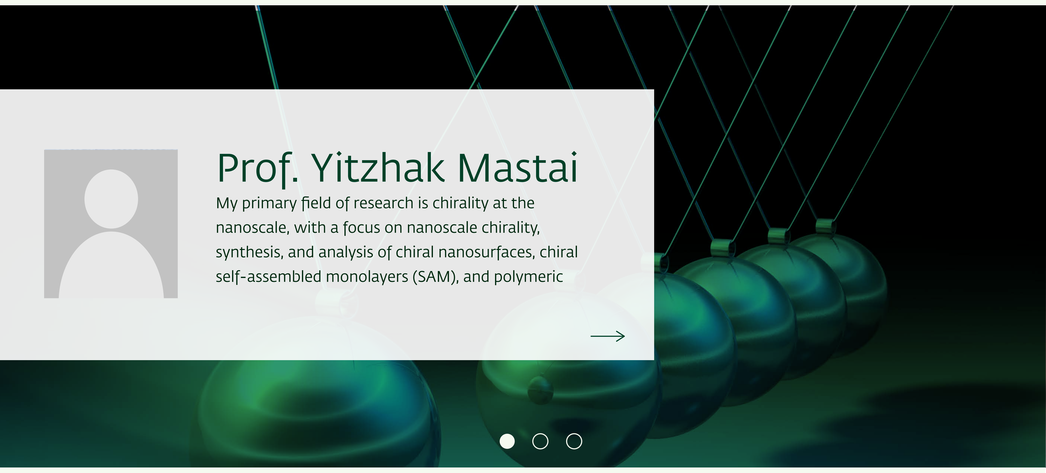
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Full Name* Email* Phone* Send

Phone: +972-37384671
Email: Eitan.Okun@biu.ac.il

Title
Building 901. Rooms: 311 (lab), 312 (Eitan), 315 (students)
Bar Ilan University, Ramat Gan 5290002
Israel



Prof. Yitzhak Mastai

My primary field of research is chirality at the nanoscale, with a focus on nanoscale chirality, synthesis, and analysis of chiral nanosurfaces, chiral self-assembled monolayers (SAM), and polymeric

Major Research Interests



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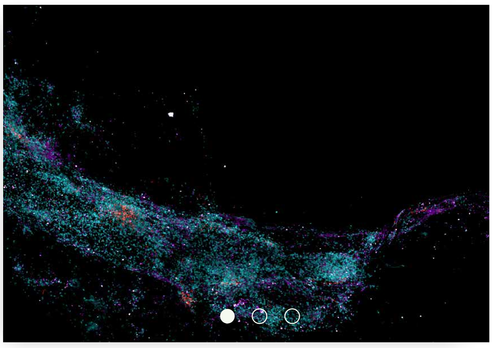
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Israel

The Okun Lab

Neuroimmunology is the most rapidly advancing field of research in the study of brain diseases and particularly in Alzheimer's disease. We are studying how immune cells interact with the brain during Aging, in Alzheimer's disease and in individuals with Down syndrome. We also study the mechanistic link between pregnancy with a Down syndrome fetus and the elevated risk of maternal cognitive decline.

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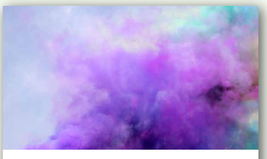


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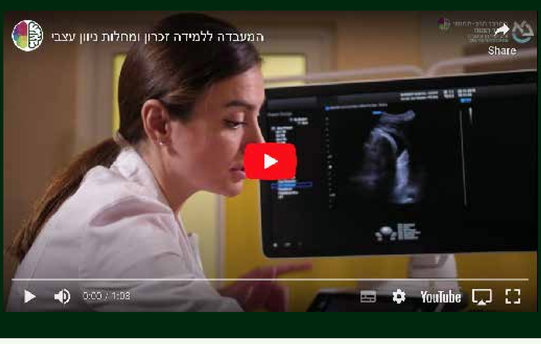
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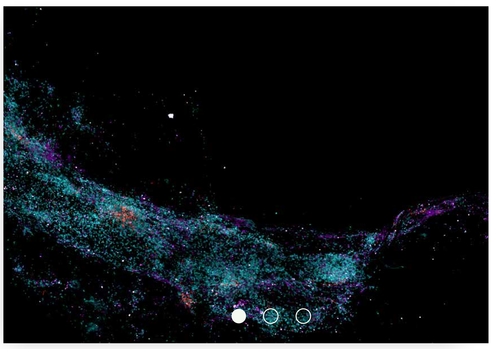
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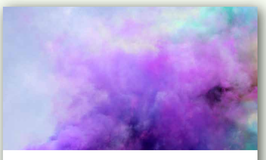


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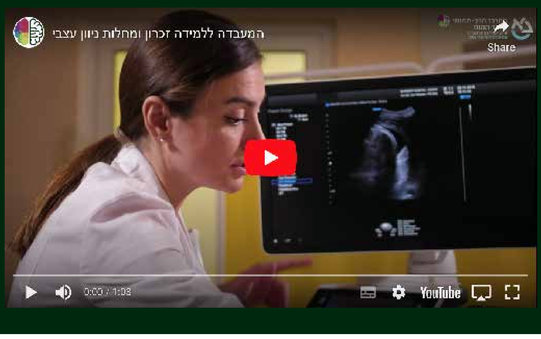
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Title
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Bar Ilan University, Ramat Gan 5290002
Israel

Research



Preventing maternal cognitive decline in mother to Down syndrome children using vaccines

The increase in maternal age worldwide, a known risk factor for a Down syndrome (DS) pregnancy, along with the persistent prevakence of DS in the world population, stresses the need to address any potential mechanistic link between pregnancy with DS fetus and maternal late-onset Alzheimer's disease (LOAD)



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Email: Eitan.Okun@biu.ac.il

Title

Building 901. Rooms: 311 (lab), 312 (Eitan), 315 (students)
Bar Ilan University, Ramat Gan 5290002
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Phone: +972-37384671
Email: Eitan.Okun@biu.ac.il

Title

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Bar Ilan University, Ramat Gan 5290002
Israel

Team



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Subtitle Subtitle Subtitle
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Publications

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Search

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Ben-Ami L, Ravona-Springer R, Tsarfaty G, Raizman R, Shumacher A, Sharvit-Ginon I, Greenbaum L, B Bendlin B, Okun E, Heymann A, Schnaider Beeri M, Livny A. , **2023**

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Email: Eitan.Okun@biu.ac.il

Building 901. Rooms: 311 (lab), 312 (Eitan)
Bar Ilan University, Ramat Gan 5290002
Israel



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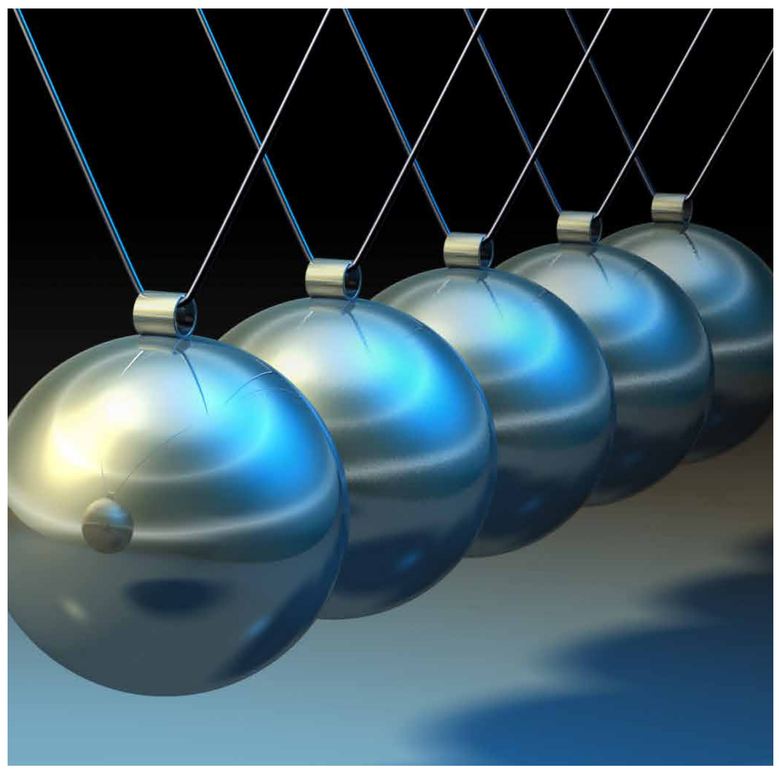
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