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The Viviane Tabar Lab

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Viviane Tabar, MD

Professor

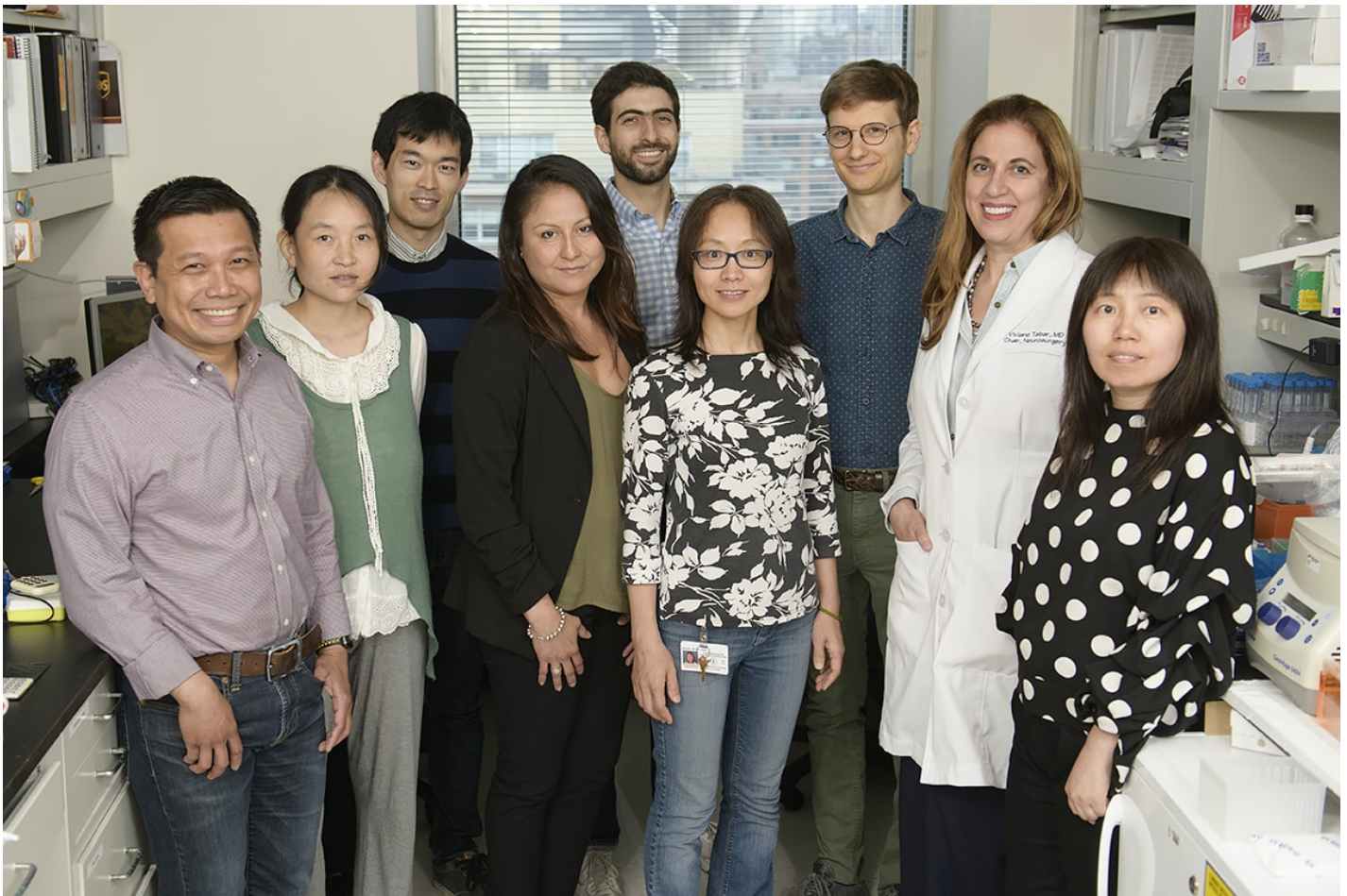
I am a neurosurgeon-scientist and Chair of the Department of Neurosurgery. I have clinical expertise in the surgical management of brain tumors such as complex gliomas, meningiomas, and skull base tumors.

The lab is focused on two major themes: harnessing the potential of human pluripotent stem cells for brain repair and tumor modeling and studying glioma biology with a focus on tumor cell heterogeneity and the microenvironment.

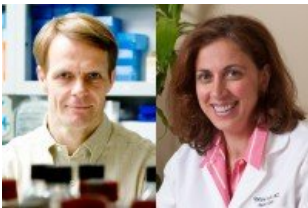
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Research Projects

- [Human ES cells as a platform for modeling brain tumors](#)
- [Human ES-derived grafts for repair of radiation injury](#)

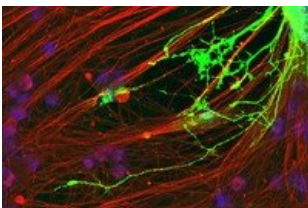


Featured News



[Upcoming Clinical Trial Will Test New Cell Therapy for Parkinson's Disease in Humans](#)

Study will be the first clinical trial testing an investigational stem cell therapy aimed at restoring lost brain cells called neurons in people with advanced Parkinson's disease (PD).



IN THE LAB

[Can Stem Cells Be Taught to Repair a Radiation-Damaged Brain?](#)

In a recent study, Memorial Sloan Kettering scientists used stem-cell engineering to repair brain injuries in rats. The results raise hope for future therapies that could prevent or fix nerve damage in cancer patients who need brain radiation.



IN THE LAB

[Investigators Use Stem Cells to Study Rare Pediatric Brain Tumors](#)

Investigators have created the first-ever genetically engineered model of cancer made from human embryonic stem cells in culture.

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Publications Highlights

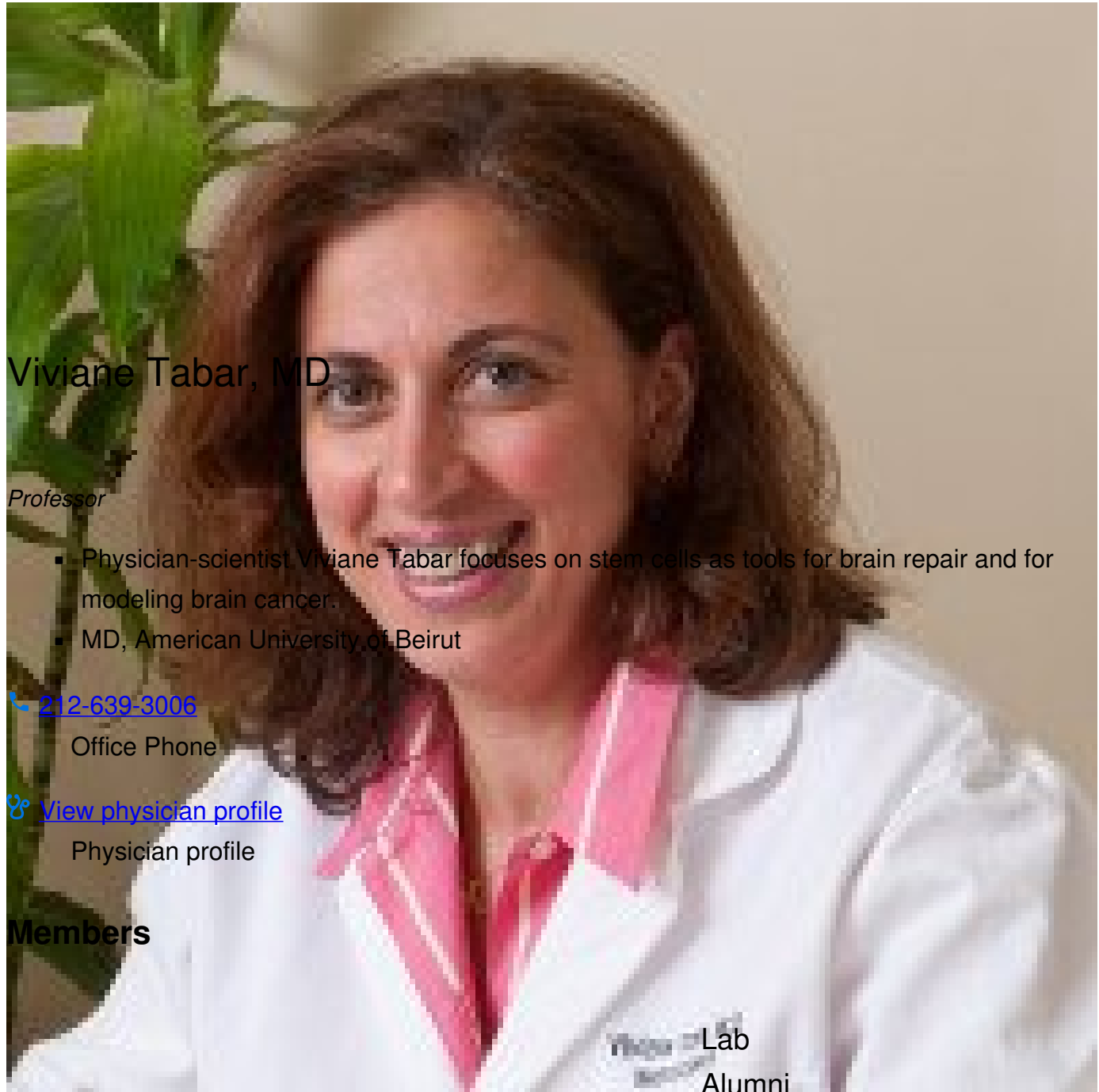
Berlin C, Lange K, Lekaye HC, Hopland K, Phillips S, Piao J, Tabar V. Long-term clinically relevant rodent model of methotrexate-induced cognitive impairment. *Neuro Oncol.* 2020 April 2; 22(8): 1126-1137PMCID: PMC7594568.

Dincer Z, Piao J, Niu L, Ganat Y, Kriks S, Zimmer B, Shi S, Tabar V, Studer Let al. Specification of functional cranial placode derivatives from human pluripotent stem cells. *Cell Rep.* 2013;5(5):1387-1402. PMCID: PMC3887225

Funato K, Major T, Lewis PW, Allis CD, Tabar V. Use of human embryonic stem cells to model pediatric gliomas with H3.3K27M histone mutation. *Science.* 2014 Dec 19;346(6216):1529-33. PMCID: PMC4995593

[View All Publications](#)


People




Viviane Tabar, MD

Professor

- Physician-scientist Viviane Tabar focuses on stem cells as tools for brain repair and for modeling brain cancer.
- MD, American University of Beirut

 [212-639-3006](tel:212-639-3006)

Office Phone

 [View physician profile](#)

Physician profile

Members



Kosuke Funato
Senior Research Assistant

- [Soulet Lab](#)
- [NYSTEM](#)



Jinghua Piao
Senior Research Assistant

Lab
Alumni

Lab Affiliations

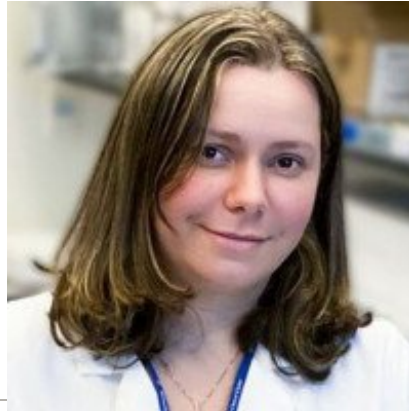
Achievements

- [Allis Lab](#)
- [Studer Lab](#)



Zaki Abou Mrad
Postdoctoral Fellow

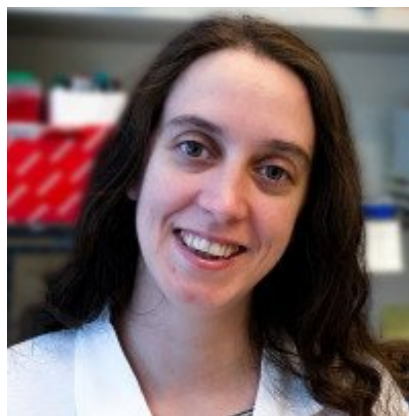
Nidia Claros
Research Lab Manager



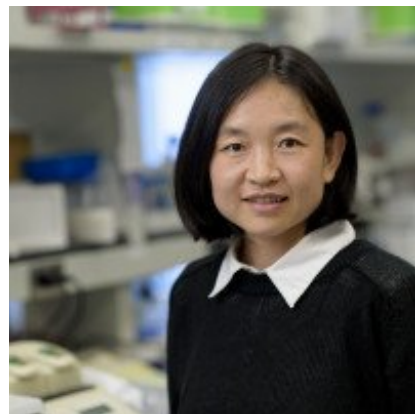
Shkurte Ademi Donohue
Research Technician



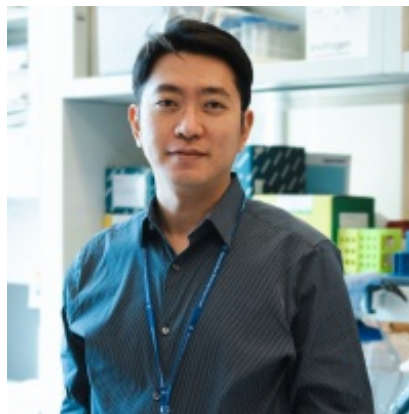
Kelsey Hopland
Graduate Student



Lucia Ruiz Perera
Research Fellow



Yanhong Yang
Research Scholar



Kenny Kwok Hei Yu
Instructor, Dept. of
Neurosurgery

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Postdoctoral Research Fellow, Tumor Immunobiology

Get in Touch

 [212-639-3006](tel:212-639-3006)

Office Phone

 [212-717-3231](tel:212-717-3231)

Office Fax

 [212-639-8249](tel:212-639-8249)

Lab Phone

Disclosures

Members of the MSK Community often work with pharmaceutical, device, biotechnology, and life sciences companies, and other organizations outside of MSK, to find safe and effective cancer treatments, to improve patient care, and to educate the health care community. These activities outside of MSK further our mission, provide productive collaborations, and promote the practical application of scientific discoveries.

MSK requires doctors, faculty members, and leaders to report (“disclose”) the relationships and financial interests they have with external entities. As a commitment to transparency with our community, we make that information available to the public. Not all disclosed interests and relationships present conflicts of interest. MSK reviews all disclosed interests and relationships to assess whether a conflict of interest exists and whether formal COI management is needed.

Viviane Tabar discloses the following relationships and financial interests:

- **Ajax Health**
Professional Services and Activities
- **American University of Beirut**
Fiduciary Role / Position
- **BlueRock Therapeutics**
Professional Services and Activities
- **Robeaute**
Professional Services and Activities

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This page and data include information for a specific MSK annual disclosure period (January 1, 2024 through disclosure submission in spring 2025). This data reflects interests that may or may not still exist. This data is updated annually.

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