

Michael D. Kritzer-Cheren, MD, PhD
Instructor, Harvard Medical School,
Massachusetts General Hospital, Department of Psychiatry,
Division of Neuropsychiatry, Center for Regenerative Medicine

Clinical Services:
Neuropsychiatry, Transcranial Magnetic Stimulation,
Ketamine Clinic, Acute Psychiatric Service

Email: mkritzer-cheren@mgh.harvard.edu
Medical License in Massachusetts
Board Certified in Psychiatry (American Board of Psychiatry and Neurology)
Board Eligible for Behavioral Neurology and Neuropsychiatry

EDUCATION

- | | |
|---|----------------------|
| Massachusetts General Hospital/Harvard Medical School
Postdoctoral Fellow, <i>Translational Neuroscience Training for Clinicians, T32</i>
Laboratory of Amar Sahay, PhD
Laboratory of Joan Camprodon, MD, PhD, MPH | July 2020-June 2023 |
| Massachusetts General Hospital/Harvard Medical School
<i>Fellow in Behavioral Neurology and Neuropsychiatry</i> | July 2019-June 2020 |
| Duke University Health System
<i>Psychiatry Resident Physician</i> | July 2015-June 2019 |
| University of Miami Miller School of Medicine
<i>Doctor of Medicine</i> | August 2006-May 2015 |
| University of Miami Miller School of Medicine
<i>Doctor of Philosophy,</i>
Department of Molecular and Cellular Pharmacology
Thesis: Kritzer-Cheren, Michael, "Regulation of Cardiac Hypertrophy by mAKAP-Anchored RSK3" (2013). <i>Open Access Dissertations</i> . 1073. | July 2008-June 2013 |
| University of Florida
<i>Bachelor of Science, Microbiology and Cell Science</i> | July 2001-June 2005 |

CLINICAL EXPERIENCE & TRAINING

- | | |
|--|------------------------|
| 1. LivaNova RECOVER Trial, unblinded programmer | September 2021-present |
| 2. MGH Ketamine Clinic | December 2020-present |
| 3. Salem Hospital (NSMC), Epstein 3/4/5 Inpatient Psychiatry | April 2020-present |
| 4. McLean Hospital, Clinical Evaluation Center | February 2020-present |
| 5. Clinical Fellow, Massachusetts General Hospital,
<i>Behavioral Neurology and Neuropsychiatry</i> | July 2019-June 2020 |
| 6. Resident Physician, Central Regional Hospital,
State Psychiatric Hospital, Butner, North Carolina | July 2016-June 2019 |
| 7. Resident Physician,
Duke University Health System, Durham, North Carolina
Durham Veterans Administration Medical Center, Durham, North Carolina | July 2015-June 2019 |

COURSES & CERTIFICATIONS

1. Conquering the K seminar series February 2021
2. Harvard Medical School Clinical Translational Catalyst Program July 2020-June 2022
3. Dementia: A Comprehensive Update, Harvard Medical School May 2020
4. MGH Serious Illness Care Program Training 2019 October 16, 2019
5. Motivational Interviewing Training Course 2017
Roy Stein, MD, Durham VA Medical Center
6. Transcranial Magnetic Stimulation Certification Course, October 2015
Duke University Health System

RESEARCH EXPERIENCE

Massachusetts General Hospital/Harvard Medical School

- Research Fellow, Amar Sahay, PhD July 2020-present
- Research Fellow, Joan Camprodon, MD, PhD, MPH July 2020-present

Duke University

- Research Resident Physician, Douglas E. Williamson, PhD, July 2017-June 2019
 - *Translational Center for Stress-Related Disorders*
- Research Resident Physician, Angel V. Peterchev, PhD, July 2016-June 2019
 - *Brain Stimulation Engineering Laboratory*

University of Miami Miller School of Medicine

- Michael S. Kapiloff, MD, PhD, Graduate School July 2008-June 2013
- Joshua Hare, MD, Graduate School Rotation June 2008-August 2008
- Alessia Fornoni MD, PhD, Graduate School Rotation January 2007-May 2007
- Gary Kleiner, MD, PhD, Graduate School Rotation January 2006-Dec 2006

University of Florida, Undergraduate

- Jeffrey Hughes, PhD, College of Pharmacy September 2003-June 2005

GRANTS & FUNDING

- Department of Psychiatry July 2022-June 2023
Massachusetts General Hospital/Harvard Medical School
Dupont-Warren Psychiatry Research Fellowship, \$80,000
- Department of Psychiatry July 2022-June 2023
Massachusetts General Hospital/Harvard Medical School
Livingston Research Fellowship, \$3,500
- Department of Psychiatry July 2020-June 2023
Massachusetts General Hospital/Harvard Medical School
Ruth L. Kirschstein National Research Service Awards (NRSA), T32
Translational Neuroscience Training for Clinicians
- Department of Psychiatry and Behavioral Science, May 2018-June 2019
Duke University School of Medicine,
Research resident project funding, \$65,000
Douglas Williamson, Angel Peterchev and **Michael Kritzer-Cheren**
*Behavioral Appraisal of Social Defeat Stress, Effects of
Electroconvulsive Stimulation, and Correlation with the Gut Microbiome*

- Duke University School of Medicine Core Facility Voucher, \$4,000 January 2018
Douglas Williamson, Angel Peterchev and **Michael Kritzer-Cheren**,
*Behavioral Appraisal of Social Defeat Stress, Effects of
Electroconvulsive Stimulation, and Correlation with the Gut Microbiome*
- Duke University High Value Care Grant to Improve the August 2017
Outpatient Experience, \$3,000
Hyun-Hee Kim, Christian Bjerre-Real, **Michael Kritzer-Cheren**,
Johana Troccoli, Jane Gagliardi, and John Beyer,
Introduction of Tablet Computing to the Psychiatry Outpatient Clinic
- Duke University School of Medicine Core Facility Voucher, \$5,000 August 2016
Angel Peterchev and **Michael Kritzer-Cheren**,
Behavioral Appraisal of Social Defeat Stress and Effects of Electroconvulsive Stimulation
- American Heart Association, Pre-Doctoral Fellowship, \$60,000 2012-2013
Regulation of cardiac myocyte cAMP levels by the AC5-mAKAP complex

PEER-REVIEWED PUBLICATIONS

1. **Michael D. Kritzer**, Karen Buch, Shibani Mukerji, Alessandro Biffi, Zeina El-Chemali, Cases of Neuroinfectious Disease Highlighting Frontotemporal Neurocircuitry in Cognitive and Affective Processing, *The Primary Care Companion for CNS Disorders*, 2021, **PMID: 34738354**
Contribution: conceptualization, literature review, manuscript writing
2. **Michael D. Kritzer**, Nicholas A. Mischel, Jonathan R. Young, Christopher Lai, Prakash Masand, Steve Szabo, Sanjay Matthews, Ketamine for Treatment of Mood Disorders and Suicidality: A Narrative Review of Recent Progress, *Annals of Clinical Psychiatry*, 2021, **PMID: 34672931**
Contribution: literature review, manuscript writing
3. Nathan Praschan, M.D., M.P.H.; Sylvia Josephy-Hernandez, M.D.; David Dongkyung Kim, M.D.; **Michael D. Kritzer, M.D., Ph.D.**; Shibani Mukerji, M.D., Ph.D.; Amy Newhouse, M.D.; Marie Pasinski, M.D.; Zeina Chemali, M.D., M.P.H., Sequelae of COVID-19 – implications for affected healthcare personnel, *Lancet Respiratory Medicine*, 2021, **PMID: 33444540**
Contribution: conceptualization, literature review, manuscript writing
4. Jinliang Li, Yuliang Tan, Catherine Passariello, Eliana Martinez, **Michael Kritzer**, Xueyi Li, Xiaofeng Li, Yang Li, Qian Yu, Kenneth Ohgi, Hrishikesh Thakur, John MacArthur, Jan Ivey, Y. Joseph Woo, Craig Emter, Kimberly Dodge-Kafka, Michael Rosenfeld, and Michael Kapiloff, A Molecular Switch Controls the Balance between Concentric and Eccentric Cardiac Hypertrophy Constituting a Therapeutic Target for Heart Failure, *Circulation*, 2020, **PMID: 32933333**
Contribution: experimental design, surgical procedures, manuscript editing
5. David L. Perez MD, MMSc, Alessandro Biffi MD, Joan A. Camprodon MD, PhD, MPH, David N. Caplan MD, PhD, Zeina Chemali MD, MPH, **Michael D. Kritzer MD, PhD**, Lauren R. Moo MD, Amy L. Newhouse MD, Liliana Ramirez-Gomez MD, Mahdi Razafsha MD, Kaloyan Tanev MD, Jeremy Schmahmann MD, Telemedicine in Behavioral Neurology – Neuropsychiatry: Opportunities and Challenges Catalyzed by COVID-19, *Cognitive and Behavioral Neurology*, 2020, **PMID: 32889955**
Contribution: manuscript writing and editing

6. Jonathan R. Young, Shayan Smani, Nicholas A. Mischel, **Michael D. Kritzer**, Gregory Appelbaum, Ashwin Patkar, Non-Invasive Brain Stimulation Modalities for the Treatment of Opiate Use Disorder: A Review of Literature, *Journal of Addictive Disease*, 2020, **PMID: 32469286**
Contribution: literature review, manuscript writing & editing
7. Nicholas A. Mischel, **Michael D. Kritzer**, Ashwin Patkar, Prakash Masand, Steven Szabo, Updates on Preclinical and Translational Neuroscience of Mood Disorders: A Brief Historical Focus on Ketamine for the Clinician, *Journal of Clinical Psychopharmacology*, 2019, **PMID: 31688400**
Contribution: literature review, manuscript writing & editing
8. Gopalkumar Rakesh, Rajendra Morey, Anthony Zannas, Zainab Malik, Christine Marx, Ashley Clausen, **Michael D. Kritzer**, and Steven Szabo, Resilience as a Translational Endpoint in the Treatment of PTSD, *Molecular Psychiatry*, 2019, **PMID: 30867558**
Contribution: conceptualization, literature review, manuscript writing & editing
9. Kara D. McGaughey, Tulay Yilmaz-Swenson, Nourhan M. Elsayed, Dianne A. Cruz, Ramona R. Rodriguiz, **Michael D. Kritzer**, Angel V. Peterchev, Jeffrey Roach, William C. Wetsel, Douglas E. Williamson, Relative abundance of *Akkermansia* spp. and other bacterial phylotypes correlates with anxiety- and depressive-like behavior following social defeat in mice, *Scientific Reports*, 2019, **PMID: 30824791**
Contribution: conceptualization, experimental design, manuscript editing
10. Kara D. McGaughey, Yilmaz-Swenson, Nourhan M. Elsayed, Dianne A. Cruz, Ramona R. Rodriguiz, **Michael D. Kritzer**, Angel V. Peterchev, Megan Gray, Samantha Lewis, Jeffrey Roach, William Wetsel, Douglas Williamson, Comparative evaluation of a new magnetic bead-based DNA extraction method from fecal samples for downstream next-generation 16S rRNA sequencing, *PLoS One*, 2018, **PMID: 30138447**
Contribution: conceptualization, experimental design, manuscript editing
11. Yan Wang, Evan G Cameron, Jinliang Li, Travis L Stiles, **Michael D Kritzer**, Rahul Lodhavia, Jonathan Hertz, Tu Nguyen, Michael S Kapiloff, Jeffrey L Goldberg, Muscle A-Kinase Anchoring Protein- α is an Injury-Specific Signaling Scaffold Required for Neurotrophic- and Cyclic Adenosine Monophosphate-Mediated Survival, *EBioMedicine*, 2015, **PMID: 26844267**
Contribution: conceptualization, experimental design, manuscript editing
12. **Michael D. Kritzer***, Jinliang Li*, Catherine L. Passariello, Hrishikesh Thakur, Joseph Dayan, Marjorie Gayanilo and Michael S. Kapiloff. The Scaffold Protein mAKAP β Orchestrates Cardiac Myocyte Hypertrophic Signaling Required for the Development of Heart Failure. *Circulation: Heart Failure*, 2014 (*Co-First Author), **PMID: 24812305**
Contribution: experimental design, in vivo and in vitro experiments, manuscript writing
13. Catherine L. Passariello*, Marjorie Gayanilo*, **Michael D. Kritzer**, Hrishikesh Thakur, Zoharit Cozacov, Francesca Rusconi, David Wieczorek, Michael Sanders, Jinliang Li, and Michael S. Kapiloff, p90 Ribosomal S6 Kinase 3 is Required for Interstitial Fibrosis In α -tropomyosin Glu180Gly Transgenic Mice. *American Journal of Physiology: Heart and Circulatory Physiology*, 2013, **PMID: 23913705**
Contribution: experimental design, in vivo experiments, manuscript editing
14. Jinliang Li*, **Michael D. Kritzer***, Jennifer J. Carlisle Michel, Andrew Le, Marjorie Gayanilo, Hrishikesh Thakur, Alejandra Negro, Joshua B. Danial, Behzad Oskouei, Michael Sanders, Joshua M. Hare, Andre Hanauer, Kimberly Dodge-Kafka, and Michael S. Kapiloff; Anchored RSK3 is

Required for Cardiac Myocyte Hypertrophy, *Circulation Research*, 2013 (*Co-First Author), **PMID: 22997248**

Contribution: experimental design, in vivo and in vitro experiments, manuscript writing

15. **Michael D. Kritzer**, Jinliang Li, Kimberly Dodge-Kafka, Michael Kapiloff, AKAPs: The Architectural Underpinnings of Local cAMP Signaling, *J Mol Cell Cardiology*, 2012, **PMID: 21600214**

Contribution: literature review, manuscript writing

NON-PEER-REVIEWED PUBLICATIONS

1. **Michael D. Kritzer**, Facing Memory Loss and Dementia: A Guide for Patients and Their Families, Chapter 4. How Will MY Doctor Know If I Have Dementia, Massachusetts General Hospital Psychiatry Academy, 2021

Contribution: literature review, manuscript writing

2. Kleiner, G., **Kritzer-Cheren, M.**, and Ruiz, P. Chapter: "Pathology of Hematopoietic Stem Cell Transplantation," in *Transplantation Pathology*, Ed. Phillip Ruiz, Cambridge University Press, 2009

Contribution: literature review, manuscript writing

PATENTS

1. US Patent: Treatment Of Heart Disease By Inhibition Of The Action Of Ribosomal S6 Kinase 3 (RSK3). Filing Dates: US Prov. No. 61/798,268, filed 03/15/13; US Appl. No. 14/213,583, filed 03/14/14; US Patent No.: 9,132,174, issued 09/15/2015. Co-inventors: Jinliang Li, Michael Kritzer, and Catherine Passariello.

2. US Patent: Treatment Of Myocardial Infarction by Inhibiting the Action of mAKAP β . Filing dates: US Prov. No. 61/798,268, filed 03/15/13; CON of US Appl. No. 14/213,583, filed 03/14/14 (now Patent No.: 9,132,174, issued 09/15/2015); US Appl. No. 14/821,082, filed 08/07/15, now US Patent No. 9,937,228, issued 04/10/18. Co-inventors: Jinliang Li, Michael Kritzer, and Catherine Passariello.

3. U.S. Patent: Compositions for Treating Heart Disease by Inhibiting the Action of mAKAP β . U.S. Patent Application 15/946,238 (Divisional of 14/821,082) filed 04/05/2018, published 10/18/2018; US Patent No.: 10,617,737, issued 04/14/2020. Co-inventors: Jinliang Li and Michael Kritzer.

4. US Patent: Compositions for treating heart disease by inhibiting the action of mAKAP β . US Appl. 16/837,633 filed 04/01/2020 is a continuation of Appl. 15/946,238 (now US Pat. 10,616,737), which is a divisional of Appl. 14/821,082 (now US Pat. 9,937,228), which is a continuation of Appl. 14/213,583 (now US Pat. 9,132,174). Published 09/17/2020. US Patent 11,229,679, issued 01/25/2022. Co-inventors: Jinliang Li and Michael Kritzer.

ABSTRACTS & PRESENTATIONS

1. **Michael D. Kritzer, M.D., Ph.D.**, Zeina Chemali, M.D., MPH., A 57-year-old woman with COVID-19 and Delusions, NEJM Case Records of Massachusetts General Hospital, MGH Psychiatry Grand Rounds, November 18, 2021

2. **Michael D. Kritzer, M.D., Ph.D.**, Behavioral Neurology and Neuropsychiatry Didactics, The Role of the Lateral Septum in Motivated Behaviors, November 2, 2021

3. Abstract, Zeina Chemali, M.D., MPH., Leidys Gutierrez-Martinez, M.D., M.S., Jordan Karten, B.S., **Michael D. Kritzer, M.D., Ph.D.**, Sylvia Josephy-Hernandez, M.D., M.S., David Kim, M.D., Amy Newhouse, M.D., Marie Pasinski, M.D., Nathan Praschan, M.D., Mahdi Razafsha M.D., Daniel B. Rubin, M.D., Ph.D., Akshata Sonni, Ph.D., Gregory Fricchione, M.D., Jonathan Rosand, M.D.,

Neuropsychiatric symptoms of Post-Acute Sequelae of SARS-CoV-2 Infection: A descriptive study and clinical approach, 2021 MGH Clinical Research Symposium

4. Abstract, Jonathan R. Young, Mariah K. Evans, **Michael D. Kritzer**, Richard D. Weiner, Charles H. Kellner, Electroconvulsive therapy changes immunological markers in patients with major depressive disorder, ASCP 2021 Annual Meeting
5. Abstract, Mark Fusunyan, Julia Cromwell, Zeina El-Chemali, **Michael D. Kritzer**, Post-COVID Neuropsychiatric Disorder Manifesting as Cotard's Syndrome, American Neuropsychiatric Association Annual Meeting 2021
6. Behavioral Neurology and Neuropsychiatry Didactics, ANPA Abstract preparation and Psychiatry for Neurologists, October 20, 2020
7. Neuroradiology Rounds, Case Conference, When “multifactorial” may actually be neurodegeneration, MGH Department of Neurology, June 2020
8. Abstract, **Michael Kritzer**, Joseph Tharayil, Christopher Lai, Ramona Rodriguiz, William Wetsel, Angel Peterchev, Douglas Williamson, Assessment of Behavioral Phenotypes After Chronic Social Defeat Stress and Electroconvulsive Stimulation in Mice using LASSO Regression, Society of Biological Psychiatry Annual Meeting 2020
9. Abstract, Jonathan R. Young, **Michael D. Kritzer**, Nicholas A. Mischel, Jeffrey M. Taekman, Richard D. Weiner, The microbiome-immune-brain axis and cognitive side effects in electroconvulsive therapy (ECT), Society of Biological Psychiatry Annual Meeting 2020
10. Abstract, **Michael Kritzer**, Zeina El-Chemali, Cases of Neuroinfectious disease highlighting frontotemporal neurocircuitry in cognitive and affective processing, American Neuropsychiatric Association Annual Meeting 2020
11. Neuromodulation Lecture Series, A Review of TMS for Opiate Use Disorders, TMS clinic, Massachusetts General Hospital, 2020
12. Neuroradiology Rounds, Case Conference, bvFTD – understanding the role of the right insula and parietal lobe due to loss of function via degeneration, MGH Department of Neurology, January 2020
13. Poster presentation, **Michael Kritzer**, Christopher Lai, Joseph Tharayil, Wilfredo Rosario, Ramona Rodriguiz, William Wetsel, Angel Peterchev, Douglas Williamson, Electroconvulsive Stimulation Differentially Increases Hippocampal GFAP in Mice Subjected to Chronic Social Defeat Stress Compared to Controls, American College of Neuropsychopharmacology, 2019
14. Neuroradiology Rounds, Case Conference: Fifteen years of subjective cognitive dysfunction then a diagnosis of Primary Progressive Aphasia, MGH Department of Neurology, November 2019
15. Neuromodulation Lecture Series, Mind Mending: Using Mice to Model Depression and ECT for Novel Treatment Approaches, TMS clinic, Massachusetts General Hospital, 2019
16. Neuroradiology Rounds, Case Conference: Neurocysticercosis, MGH, Department of Neurology, September 2019

17. Poster presentation, **Michael Kritzer**, Christopher Lai, Joseph Tharayil, Wilfredo Rosario, Ramona Rodriguiz, William Wetsel, Angel Peterchev, Douglas Williamson, Electroconvulsive Stimulation Differentially Increases Hippocampal GFAP in Mice Subjected to Chronic Social Defeat Stress Compared to Controls, Massachusetts General Hospital 2nd Annual Neuroscience Day, 2019
18. Grand Rounds Presentation, Mind Mending: Using Mice to Model Depression and ECT for Novel Treatment Approaches, Duke University School of Medicine, Department of Psychiatry and Behavioral Sciences, 2019
19. Poster presentation, **Michael Kritzer**, Christopher Lai, Wilfredo Rosario, Joseph Tharayil, Patrick Botros, Alex Lowell, Ramona Rodriguiz, William Wetsel, Angel Peterchev, Douglas Williamson, Behavioral and Glial Changes in Mice Subjected to the Chronic Social Defeat Stress followed by Electroconvulsive Stimulation, Abstract, Society of Biological Psychiatry Annual Meeting 2019
20. Poster presentation, **Michael Kritzer**, Christopher Lai, Wilfredo Rosario, Joseph Tharayil, Patrick Botros, Alex Lowell, Ramona Rodriguiz, William Wetsel, Angel Peterchev, Douglas Williamson, Behavioral and Glial Changes in Mice Subjected to the Chronic Social Defeat Stress followed by Electroconvulsive Stimulation, Duke Annual DIBS Neuroscience Symposium, 2019
21. Poster presentation, **Michael Kritzer**, Nabil Ali, Catatonia as a Presenting Syndrome for Posterior Cortical Atrophy, Abstract, American Neuropsychiatric Association Annual Meeting 2019
22. Poster presentation, **Michael Kritzer**, Christopher Lai, Joseph Tharayil, Wilfredo Rosario, Patrick Botros, Alexander Lowell, Dianne Cruz, Ramona Rodriguiz, William Wetsel, Angel Peterchev, Douglas Williamson, The Effect of Electroconvulsive Stimulation on Behavior and Astrocyte Marker GFAP in Multiple Brain Regions after Chronic Social Defeat Stress, 3rd Annual International Brain Stimulation Conference, 2019
23. Poster presentation, Hyun-Hee Kim, Christian Bjerre-Real, **Michael Kritzer**, Johana Troccoli, Jane Gagliardi, John Beyer, Back to the Drawing Board: Digital Handwriting to Improve the Outpatient Experience, North Carolina Psychiatric Association, 2018
24. Poster presentation, Hyun-Hee Kim, Christian Bjerre-Real, **Michael Kritzer**, Johana Troccoli, Jane Gagliardi, John Beyer, Back to the Drawing Board: Digital Handwriting to Improve the Outpatient Experience, Duke Innovative Health Initiative, GME Patient Safety and Quality Control 2018 Meeting, Duke University Medical Center, 2018
25. Poster presentation, **Michael Kritzer**, Joseph Tharayil, Christopher Lai, Kara McGaughey, Ramona Rodriguez, William Wetsel, Angel Peterchev, Douglas Williamson, Dimensional Analysis of Social Defeat Stress-Induced Behavior, Society of Biological Psychiatry, 2018
26. Poster presentation, Kara McGaughey, **Michael Kritzer**, Ramona Rodriguez, William Wetsel, Angel Peterchev, Douglas Williamson, Abundance of *Akkermansia muciniphila* correlates with depressive- and anxiety-like behavior following chronic social defeat stress in mice, Society of Biological Psychiatry, 2018
27. Medicine-Psychiatry Rounds, Consult Liaison Case Conference, Duke University School of Medicine, Department of Psychiatry and Behavioral Sciences, 2018

28. Poster presentation, Kara McGaughey, Nourhan Elsayed, **Michael Kritzer-Cheren**, Ramona Rodriguez, William Wetsel, Douglas Williamson, Increased diversity in gut microbial communities after chronic social defeat stress in mice, Society for Neuroscience, 2017
29. Chair's Rounds, *From Cardiac Stress to Mental Stress – My Research Experience*, with William Wetsel, Duke University School of Medicine, 2017
30. Medicine-Psychiatry Rounds, Consult Liaison Case Conference, Duke University School of Medicine, Department of Psychiatry and Behavioral Sciences, 2017
31. Chairs Rounds, Modeling Depression in Rodents, with Kafui Dzirasa, MD, PhD, Duke University School of Medicine, Department of Psychiatry and Behavioral Sciences, 2016
32. Yan Wang, Jinliang Li, Jonathan Hertz, **Michael Kritzer**, Michael S. Kapiloff, and Jeffrey L. Goldberg, The Scaffold Protein mAKAP α Regulates Retinal Ganglion Cell Survival and Axon Growth, Abstract, iVOS, 2014
33. Catherine L. Passariello, **Michael Kritzer**, Hrishikesh Thakur, Michael Sanders Jinliang Li, Michael S. Kapiloff, Disruption of p90 Ribosomal S6 Kinase 3 Binding from Muscle A-Kinase Anchoring Protein In Vivo Via Adeno-associated Virus Expression of a Competing Peptide Attenuates Pressure Overload-induced Cardiac Hypertrophy, Abstract, American Heart Association Basic Cardiovascular Sciences, 2014
34. Oral Presentation, MD/PhD Annual Research Symposium, *mAKAP β is Required for Cardiac Myocyte Hypertrophy and is a Potential Target for the Treatment of Heart Failure*, University of Miami Miller School Medicine, 2013
35. Oral Presentation, MD/PhD Annual Research Symposium, *Anchored RSK3 is Required for Cardiac Myocyte Hypertrophy*, University of Miami Miller School Medicine, 2012
36. Oral Presentation, American Heart Association Scientific Sessions, *Anchored RSK3 Is Required For Concentric Myocyte Hypertrophy*; Jinliang Li, **Michael Kritzer**, Jennifer J. Carlisle Michel, Andrew Le, Marjorie Gayanilo, Hrishikesh Thakur, Alejandra Negro, Joshua Danial, Behzad Oskouei, Michael Sanders, Joshua M. Hare, Andre Hanauer, Kimberly Dodge-Kafka, and Michael S. Kapiloff, University of Miami Miller School of Medicine, 2011
37. Poster Presentation, MD/PhD Annual Research Symposium, *Anchored RSK3 is Required for Cardiac Myocyte Hypertrophy*, University of Miami Miller School Medicine, 2010
38. Poster Presentation, University of Miami 2010 Cardiovascular Research Forum, *The In Vivo Disruption of Adenylyl Cyclase Type Five (AC5) from the Scaffold Protein Muscle A-Kinase Anchoring Protein β* , University of Miami Miller School Medicine, 2010
39. Runyan, A.L., Guez. G., **Kritzer-Cheren, M.**, Wideroff, M., Lennon, J., Parikh, T.P., Motamedi, N., DePrima, T., Cushman, D., Russo, R., Goodman, K. W., Brosco, J.P., The Medical Student Pathway in Ethics and Humanities, Abstract, AAMC Organization of Student Representatives Meeting, 2010
40. Kleiner, G.I., Barredo, J. Shariatmadar, S., Khan, A., Pahwa, R. Rodriguez, M. Willumsen, S., Podda, A., Fernandes, C., Alvarez, O., **Kritzer-Cheren, M.**, Tzakis, A., Rubinstein, P., Kurtzberg, J. Successful Combined Unrelated Umbilical Cord Blood Haploidentical Transplant in Non-Malignant Disease. *Biology of Blood and Marrow Transplantation*, 14 (2): 89, 2008

41. Poster presentation, "Magnetofection: A Novel Avenue for Gene Transfection", Annual College of Pharmacy Research Symposium, University of Florida, 2005

SOCIETIES

- 2019-pres Boston Society of Neurology, Neurosurgery & Psychiatry
- 2019-pres Massachusetts Psychiatric Society
- 2018-pres American Neuropsychiatric Association
- 2018-pres Society of Biological Psychiatry
- 2016-2019 North Carolina Psychiatric Association
- 2014-pres American Psychiatric Association
- 2015-2019 The Robert J. Lefkowitz Society, Duke University School of Medicine
- 2010-pres American Medical Association
- 2010-2013 American Heart Association

AWARDS

1. Duke Psychiatry Research Resident Award 2019
2. Society of Biological Psychiatry 2019 Chair's Choice Award 2019
3. Best Oral Presentation Award, MD/PhD Annual Research Symposium, *mAKAP β is Required for Cardiac Myocyte Hypertrophy and is a Potential Target for the Treatment of Heart Failure* 2012
4. Florida Scholars Program Scholarship 2008
5. University of Miami Medical Faculty Alumni Scholarship 2007
6. American Cancer Society Summer Research Fellowship 2007
7. Particle Engineering and Research Center (PERC) Scholarship 2003-2005
8. University of Florida, University Scholars Program 2005

MANUSCRIPT REVIEW

- Journal of Clinical Psychiatry 2022-present
- Inquiry 2021-present
- Psychiatric Annals 2021-present
- Journal of Addictive Disease 2021-present
- IEEE Transactions on Biomedical Engineering 2020-present
- Journal of Affective Disorders 2019-present
- PLoS One 2017-present

LEADERSHIP

Massachusetts General Hospital, Department of Psychiatry, Division of Neuropsychiatry and Neuromodulation

1. Neuropsychiatry Risk Assessments and Case Discussions October 2020-present
Organizer and lead discussant, meetings are monthly
2. COVID-19 Neuropsychiatric Clinical Board July 2020-present
Committee Member, meetings are bi-monthly

Duke University Health System, Department of Psychiatry and Behavioral Sciences

1. Curriculum Committee Co-Chair July 2017-June 2019
Curriculum Committee Member, *Neuroscience, Neurobiology, and Psychopharmacology* July 2015-June 2019

2. Psychiatry Residency Brodie Societies, July 2017-June 2019
Co-founder and Coordinator
3. Psychiatry Resident Council Chair July 2017-June 2018
Psychiatry Resident Council Member July 2016-June 2019
4. Psychiatry Emergency and Duke Regional Hospital July 2017-June 2018
New Addition User Group, *Resident Representative*
5. Duke Psychiatry Research Recruitment Coordinator July 2016-June 2018
6. Resident Council Psychiatry Representative, July 2016-June 2019
Duke University Hospital Graduate Medical Education,
7. PARTNeR (Postdocs And Residents Translating July 2016-June 2018
Neuroscience Research), *Coordinator and Content Manager*
8. Brain and Behavior Interdisciplinary Colloquia Series, July 2016-June 2017
Co-coordinator, Duke University School of Medicine
9. Leaders in Medicine, Duke University School of Medicine, July 2016-June 2017
Graduate Medical Education Training Concentration

University of Miami Miller School of Medicine

1. Student Clinical Curriculum Advisory Committee July 2014-June 2015
2. Ethics and Medical Humanities Pathway, Co-Founder July 2008-June 2015
3. MD/PhD Research Symposium Committee July 2013-June 2015
4. Scientific and Professional Development Committee, July 2010-June 2011
MD/PhD program
5. Clinical Case Organizer, MD/PhD program July 2009-June 2010
6. Eastern-Atlantic Student Research Forum, July 2008-June 2009
Judging Committee

MENTORING

Duke University Undergraduate School

1. Christopher Lai, BS January 2017-May 2019
*Currently in Medical School at Columbia University,
Vagelos College of Physicians and Surgeons*
2. Joseph Tharayil, BS August 2016-May 2018
*Graduation with Distinction, "Effects of Mild Social Defeat on Mouse Behaviors"
Currently in Graduate School at the Brain and Mind Institute of the École Polytechnique
Fédérale de Lausanne (EPFL) in Switzerland*

COMMUNITY INVOLVEMENT & PRESS

1. Featured in the University of Miami Miller School of Medicine's 2014
Medical I.B.I.S. Volume 2 Issue 1,
Anchored RSK3 is Required for Cardiac Myocyte Hypertrophy

2. Mentioned in a University of Miami News article, 2011
“Unlikely Duo Collaborate on NIH Grant to Study Optic Nerve Stroke”
3. Music Ensembles for the Enrichment of Medicine, Social Director 2007-2009
4. Medical Students In Action, Dominican Republic Trip, UMMSM 2007
5. Department of Community Service (DOCS), UMMSM 2007-2008