

CURRICULUM VITAE

Personal Information

Name **Priel, Avi**
Date of birth December 07, 1974
Address The Multidisciplinary Center for Cannabinoid Research, Institute for Drug Research – Pharmacology section, School of Pharmacy, Faculty of Medicine, The Hebrew University of Jerusalem, Ein Karem campus, Jerusalem, Israel, 9112001
Phone +972 2 6757299
Email avip@ekmd.huji.ac.il

Professional Positions

Since 2019 Associate Professor, Institute for Drug Research – Pharmacology section, Faculty of Medicine, The Hebrew University of Jerusalem
2011-2019 Senior Lecturer, Institute for Drug Research – Pharmacology section, Faculty of Medicine, The Hebrew University of Jerusalem
2007-2011 Postdoctoral Fellow, Department of Physiology, University of California San Francisco (UCSF), San Francisco, USA, Host: Prof. David Julius

Academic Qualification and Education

2002-2007 Ph.D., The Hebrew University of Jerusalem, Jerusalem, Israel
2000-2002 M.Sc. in Life Science, Ben Gurion University, Beer Sheva, Israel
1997-2000 B.Sc. in Chemistry, Ben Gurion University, Beer Sheva, Israel

Third-Party Funding in the Past Five Years

2018-2021 Israel Cancer Research Fund (ICRF), The Brause Family Initiative for Quality of Life Grant; 250,000 USD
2018-2019 Integra holdings grant ; 40,000 USD
2016-2020 The Israel Science Foundation (ISF), Individual Research Grant; 370,000 USD
2016-2018 US-Israel Binational Science Foundation (BSF), startup grant; 75,000 USD
2016-2018 The Prusiner-Abramsky Research Award in Basic Neuroscience; 50,000 USD
2016-2018 The National Institute for Psychobiology in Israel (NIPI); 30,000 USD
2016-2017 The MAGNET program of the Chief Scientist of the Ministry of Industry, Trade & Labor – Nofar track; 63,500 USD

5 Key Publications

- Geron M., Kumar R., Zhou W., Faraldo-Gómez JD., Vásquez V., and **Priel A.** (2018). TRPV1 pore turret dictates distinct DkTx- and capsaicin- gating. *Proceedings of the National Academy of Sciences USA (PNAS)*, 115(50):E11837-E11846..
- Kumar R., Hazan A., Geron M., Steinberg R., Livni L., Matzner H., and **Priel A.** (2017). Activation of TRPV1 by lipoxygenase-metabolites depends on PKC phosphorylation. *The FASEB Journal*, 31(3), 1238-1247.
- Hazan A., Kumar R., Matzner H., and **Priel A.** (2015). The pain receptor TRPV1 displays agonist-dependent activation stoichiometry. *Scientific Reports*, 5,12278.
- Bohlen CJ.#, **Priel A.#**, Zhou S., King D., Siemens J., and Julius D. (2010). A bivalent Tarantula toxin activates the Capsaicin Receptor, TRPV1, by targeting the outer pore domain. *Cell*, 141(5), 834-845. # shared first authors.
- **Priel A.**, Selak S., Lerma J., and Stern-Bach Y. (2006). Block of kainate receptor desensitization uncovers a key trafficking checkpoint. *Neuron*, 52(6), 1037-1046.