

CURRICULUM VITAE

ANIV MANN

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Home address: Ibn Gabirol 101 st., Tel Aviv, Israel.

Place and date of Birth: Kibbutz Merchavia, Israel, July 27th, 1986

Citizenship: Israeli

HIGHER EDUCATION

2013 - to current PhD student in Neuropharmacology

Research title: Pharmacoresistance and adverse drug effects in people with epilepsy: role of altered function of blood-brain barrier carriers.

Supervisors: Dr. Sara Eyal and Prof. Tamir Ben-Hur.

The Institute for Drug Research, Faculty of Medicine, HUJI.

2011 - 2013 M.Sc.Pharm in Neuropharmacology

Research title: EndoCannabinoid-like entities as neuroprotectants after traumatic brain injury.

Supervisors: Prof. Rafael Mechoulam and Prof. Esther Shohami.

The Institute for Drug Research, Faculty of Medicine, HUJI.

2008 - 2011 B.Sc.Agr in Agroecology and Plant Health

Robert H. Smith Faculty of Agriculture, Food and Environment, HUJI.

WORK EXPERIENCE

2014 - Current: frontal laboratory instructor at the school of pharmacy, HUJI

2014 - 2015: frontal laboratory instructor at Azrieli College of engineering

2012 - 2013: Clinical Research Coordinator at the Department of Clinical Microbiology and Infectious Diseases, Hadassah Ein-Kerem

2010 - 2012: Anatomy Unit Manager and Business Development at Pharmaseed Ltd.

2004 - 2007: Officer (ranked Captain) - IDF

AWARDS AND FELLOWSHIPS

2016 Jerusalem Brain Community (JBC) Travel Scholarship

2016 Best poster award for poster presentation at the 12th European Congress on Epileptology.

2016 Bursztyn Wodonos Memorial Fellowship in Pharmacology Fund

2016 Best presented work award for oral presentation at the annual conference of the Israeli League against Epilepsy.

2016 Excellence in teaching and social activity prize of the dean of the school of pharmacy

2015 - 2018 Full doctorate fellowship, the Hebrew University, the 'Hoffman leadership and responsibility program'.

2015 The Rachel and Selim benin Scholarship fund, UJA federation of New York.

2013 The Pewter and Sabina Schpesenson award - for excellent achievements during M.Sc studies.

VOLUNTEERING

2017 – current Greenpeace

2013 - current The society for the protection of nature in Israel (SPNI)

2014 - 2017 Head of Institute for drug research AAPS student chapter

2013 - 2016 The council for a beautiful Israel

2014 - 2015 Zichron Menachem

2012 'Perach' project- for children whose parents are serving prison sentences

REFERENCES

HUJI: Prof. Raphael Mechoulan, Prof. Esther Shohami, Dr. Sara Eyal.

Hadassah Medical Center: Dr. Dana Ekstein, Prof. Tamir Ben-Hur.

Volunteering: Mrs. Oshra Attia (SPNI)

LIST OF PUBLICATIONS AND FRONTAL PRESENTATIONS

Peer-reviewed journals

1. **Mann A**, Smoum R, Trembovler V, Alexandrovich A, Breuer A, Mechoulam R and Shohami E. Palmitoyl Serine: an endogenous neuroprotective endocannabinoid-like entity after traumatic brain injury. *J Neuroimmune Pharmacol*. 2015;10:356-63.
2. **Mann A**, Sememenko I, Meir M and Eyal S. Molecular imaging of membrane transporters activity in cancer: A picture is worth a thousand tubes. *AAPS J*. 2015;17:788-801.
3. **Mann A**, Cohen-Yeshurun A, Trembovler V, Mechoulam R and Shohami E. Are the endocannabinoids- like compounds N-Acyl Aminoacids (NAAA), neuroprotective after traumatic brain injury? *J Basic Clin Physiol Pharmacol*. 2016;1;27:209-16.
4. Portnoy E, Polyak B, Inbar D, Kenan G, Rai A, Wehrli SL, Roberts TP, Bishara A, **Mann A**, Shmuel M, Rozovsky K, Itzhak G, Hur TB, Magdassi S, Ekstein D and Eyal S. Tracking inflammation in the epileptic rat brain by bi-functional fluorescent and magnetic nanoparticles. *Nanomedicine*. 2016;12:1335-45.
5. Meir M, Bishara A, **Mann A**, Udi S, Portnoy E, Shmuel M and Eyal S. Effect of valproic acid on the placental barrier in the pregnant mouse: Optical imaging and transporter expression studies. *Epilepsia*. 2016;57:e108-12.
6. **Mann A**, Han H and Eyal S. Imaging transporters: transforming diagnostic and therapeutic development. *Clin Pharmacol Ther*. 2016;100:479-488.
7. Han H, **Mann A**, Ekstein D and Eyal S. Breaking bad: The structure and function of the blood-brain barrier in epilepsy. *AAPS J*, accepted manuscript.

Conferences

8. **Mann A**, Trembovler A, Smoum R, Mechoulam R and Shohami E. Endocannabinoid-like entities as neuroprotectants after traumatic brain injury. Presented as poster at the Israeli Society for Neuroscience (ISFN) conference, 2012, Eilat, Israel.
9. **Mann A**, Ekstein D, Ben-Hur T, and Eyal S. Pharmacoresistance and adverse drug effects in people with epilepsy: role of altered function of blood-brain barrier transporters. Presented as poster at the annual lecture in memory of Mr. Charles E. Smith, Founder of the Institute for Psychobiology in Israel, 2015, Jerusalem, Israel.

10. **Mann A**, Ekstein D, Ben-Hur T, and Eyal S. Effects of seizures on cerebral expression of essential compound carriers in the rat. Presented orally and as poster at the Eilat educational course: Pharmacological Treatment of Epilepsy, 2015, Jerusalem, Israel.
11. **Mann A**, Ekstein D, Ben-Hur T, and Eyal S. Effects of seizures on cerebral expression of essential compound carriers in the rat. Presented as poster at the ISFN conference, 2015, Eilat, Israel.
12. **Mann A**, Benifla M, Ben-Hur T, Ekstein D, and Eyal S. Effects of chronic seizures on cerebral expression of essential compound uptake carriers in the rat - Potential role in pharmacoresistance? Presented orally at the annual conference of the Israeli League against Epilepsy, 2016, Ramat Gan, Israel. **Awarded best presented work.**
13. **Mann A**, Ekstein D, Benifla M, Ben-Hur T, and Eyal S. Effects of seizures on cerebral expression of essential compound carriers in the rat. Presented as poster at the annual conference of the Israeli Society for Biological Psychiatry, 2016, Kibbutz Hagoshrim, Israel.
14. **Mann A**, Ekstein D, Benifla M, Ben Hur T and Eyal S. Do Seizures Affect Cerebral Uptake Mechanisms for Essential Compounds? -Preliminary Results from the Rat Lithium-Pilocarpine Model. Presented as a poster at the European Congress on Epileptology, 2016, Prauge, the Czech Republic. **Awarded best poster.**
15. **Mann A**, Ekstein D, Benifla M, Ben Hur T and Eyal S. 'Into the Wild' - Cerebral Folate Uptake Mechanisms in Epilepsy. Presented orally at the Globalization of Pharmaceutics Education Network (GPEN) conference, 2016, at the University of Kansas, USA.