

Anabel Eckerling

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Nationality: Israel, Hungary



Biography:

Anabel is a second-year M.Sc. student in Sagol School of Neuroscience, Tel Aviv University. Her curiosity regarding the connection between the mind and the body lead her through a career as a professional dancer into pursuing her academic studies within the field of Neuroscience. Anabel completed her BDA (Bachelor of Dance) in 2012 from CODARTS Dance Academy in the Netherlands, and worked as a dance performer, teacher and a coordinator of interdisciplinary performance art events. Her search for the mind-body connection lead her back to Israel where she graduated with excellence her B.Sc. in Biology and in Psychology with an emphasis on Neuroscience from Sagol School of Neuroscience, in 2018. Anabel joined Shamgar Ben-Elyahu's Neuro-Immunology Lab during the final year of her Bachelor studies and is now studying the effects of stress and inflammation on cancer dormancy.

Education

2018 – current: M.Sc. student in Prof. Shamgar Ben-Eliyahu's neuro-immunology lab in the Experimental Clinical Neuroscience program, The Sagol School of Neuroscience, Tel Aviv University.

Research topic: The effects of stress and inflammation on cancer dormancy in the perioperative timeframe

2015 – 2018: B.Sc. at The Double Major Program in Biology and Psychology with an Emphasis on Neuroscience, The Sagol School of Neuroscience at Tel Aviv University.

2008 – 2012: BDA (Bachelor of Dance) from CODARTS Dance Academy, Rotterdam, The NL.

2005 – 2008: Thelma Yellin High School for the Arts, *summa cum laude*.

Work and Research Experience

2017 - current

Research Assistant and student at Prof. Shamgar Ben-Eliyahu's neuro-immunology lab, Sagol School of Neuroscience and School of Psychological Sciences, Tel-Aviv University.

Research topic: The effect of psychological stress and immuno-stimulation on cancer development in mice

Research methods: Various in vivo models of cancer progression in rodents; in vivo procedures including bioluminescence imaging, laparotomy, splenic and systemic inoculations, cardiac blood draw; and ELISA

2018 - 2019

Execution of behavioral paradigms in rodents, Myers Neuro-Behavioral Core Facility, Tel-Aviv University.

2017 - 2018

Research Assistant and Research Project student at Minducate - Tel Aviv University's Research&Innovation Center for Science of Learning.

Guidance: Dr. Gal Raz, Sagol School of Neuroscience, Dr. Orly Fuhrman, CET

Research topic: The effect of direct motor interaction with objects in VR setting on memory of new vocabulary

Research methods: fMRI, Virtual Reality, cognitive tasks

2016 - 2017

Research Assistant at Prof. Talma Hendler's Center for Brain Functions, Wohl Institute for Advanced Imaging, Tel-Aviv Sourasky Medical Center

Research topic: The effect of Neurofeedback treatment on clinical population with PTSD symptoms

Research methods: fMRI, EEG, Neurofeedback, cognitive tasks

Awards and honors

2019: Trainee Scholar award, PsychoNeuroImmunology Research Society (PNIRS) 2019, Berlin

2019: Adams travel scholarship, Sagol School of Neuroscience

2019: Cancer-Biology-Research Center (CBRC) travel scholarship

2018: B.Sc Graduation with excellence. Grade average: 96

2018: Dean Excellence Certificate for achievements in the academic year 2017-2018

2017: Dean Excellence Certificate for achievements in the academic year 2016-2017

Conferences and special programs

June 2019: PNIRS 24th annual convention, Berlin, Germany.

Poster+Blitz talk: The potential clinical use of CpG-C immune stimulation in the stressful context of oncological surgery

February 2019: Sagol School of Neuroscience convention, Ma'ale-Hachamisha, Israel.

October 2018: EMEA student research workshop for brain inspired computing & technologies, the Imperial College, London, UK.

August 2018: Participant of Ulpanot Amos De Shalit program for excelling students in life science and medicine, Weizmann Institute of Science, Israel.

April 2018: MiLa symposium, Tel-Aviv University, Israel.

Poster presented: The effect of direct motor interaction with objects in VR setting on memory of new vocabulary.

Other Work Experience

2012 - 2015, the Netherlands

- Freelance dancer and performer
- Coordinator of interdisciplinary performance art events
- Movement guide and teacher
- Pilates&Yoga instructor

2008 – 2010, Israel

Served in IDF under the status 'Excellent Dancer'