Greetings from Prof. Moshe Oren
Academy Member, Chair of the Adams Fellowships Steering and Approval Committee

Warm greetings to all our Adams Fellows and Adams Alumni,

Adams Fellows, you are entrusted with a special mission: you are expected not only to advance your own career, but also to fulfill a dream – the dream of Marcel Adams to make Israel a hub of scientific excellence and a powerhouse of human knowledge. This also makes you very special: through a very careful and elaborate selection process, you have been identified as being the most meritorious of this prestigious fellowship. It is undoubtedly a great honor, but also an obligation: we expect you to prove, again and again, that we made the right choice in picking you out as the best of the best.

You, the new Adams Fellows, are just at the beginning of what will hopefully turn out to be an exciting journey towards gaining better understanding of the universe we live in and making it a better place to live in. On this long journey, make sure to take with you the four big C's: Curiosity to always learn and explore, Confidence in what you are doing, even if it is more difficult than you expected, Courage to challenge the dogma and not take no for an answer, and Consideration for other people, even if they disagree with you. Remember that you are representing not only yourself, but the scientific community in which you grew up and which will continue to be your natural home, regardless of what you choose to do. In the era of social networks and increased transparency, it is even more important than ever to bring out the best of you, both as researchers and as human beings.

By maintaining your excellence and leadership for many more years, you should serve as role models to younger generations of students with whom you will share your knowledge and your passion for learning and creating. In the meantime, I would like to wish you all a lot of satisfaction in your scientific endeavors and in moving successfully to the next stages of your career. Perhaps one day you may be standing on this podium and welcoming new Adams fellows!

Sincerely,

Moshe Oren
Prof. Yadin Dudai
Academy Member, Professor of Neurobiology, The Weizmann Institute of Science

Yadin Dudai was born in Israel to a family most of which perished in the Holocaust in Lithuania and Poland. After reading philosophy and middle eastern studies at Tel Aviv University, he switched to study biochemistry and genetics, with supplements in modern history, at the Hebrew University in Jerusalem. He received his BSc (with honors) from the Hebrew University and his PhD from the Weizmann Institute of Science, where he studied biophysics. He conducted postdoctoral training at the California Institute of Technology, where he was on the team that pioneered the neuroenetic analysis of memory mechanisms.

Over the years he has been a Scholar in Residence at the National Institutes of Health, and a Visiting Professor at Columbia University, Harvard University, Yale University, University of Edinburgh, Collège de France, Boston University, and at New York University (NYU), where he was selected to serve as Global Distinguished Professor in neural science. He served in a number of academic and public positions in Israel and abroad and was also the Scientific Director of the Israel Center of Research Excellence (i-CORE) in the cognitive sciences.

Yadin Dudai’s research interests encompass the neurobiology of learning and memory, memory as a concept and as a brain faculty, and the interrelationships among the two, as well as memory of interactive human groups. He is also interested in collective memory, and in the evolution of ‘cultural organs’, such as the cinema. Over the years, he has contributed to our understanding of brain and behavioral mechanisms of learning and memory, particularly those related to the consolidation and persistence of the memory trace, and of the evolution and role of concepts of memory in science and culture at large.

He has over 200 professional publications in the field of brain and memory, including several books.

Dudai received the IPSEN Prize 2013 for outstanding achievements in memory research, together with Richard Morris and Tim Bliss. He was elected member of EMBO in 2014, as a Neuroscience Fellow of the AAAS, and as a Fellow in the American Psychological Association. He is a member of the Israel Academy of Sciences and Humanities and since October 2019 serves as the Chairperson of the Sciences Division of the Academy.

Prof. Shimon Ullman
Academy Member, Professor of Computer Science and Applied Mathematics, the Weizmann Institute of Science

Shimon Ullman is the Samy and Ruth Cohn Professor of Computer Science at the Weizmann Institute of Science, and the head of the Weizmann Institute AI Center. Prior to this position, he was a Professor at the Brain and Cognitive Science and the AI Laboratory at MIT. His areas of research combine computer and human vision, human cognition, and brain modeling.

He obtained his BSc in Mathematics, Physics and Biology, at the Hebrew University of Jerusalem, and PhD in Electrical Engineering and Computer Sciences, at the Artificial Intelligence Laboratory in the Massachusetts Institute of Technology. He is a recipient of the 2008 David. E. Rumelhart Prize in human cognition, the 2014 Emet Prize for Art, Science and Culture, the 2015 Israel Prize in Computer Science, and the 2019 Azriel Rosenfeld Award for lifetime achievement in computer vision. He is a member of the Israeli Academy of Sciences and Humanities, and the American Academy of Arts and Sciences.

ADAMS SEMINAR
May 2019 – 15th Class of Adams Fellows

Right to left: Batsheva Shor – Program Director, Prof. Moshe Oren – Program Chair, Sylvan Adams, Linda Adams-Troy, Yaron Laufer, Renan Gross, Aseel Shomar, Margaret Adams, Prof. Nili Cohen – Academy President, Roie Dann, Lior Rotem, Ron Efrat
Yoav Bauman was born and raised in Jerusalem. During high school, Yoav became increasingly interested in the life sciences field and subsequently decided to major in biology. Following his military service as a combat soldier he started his studies in the Life Sciences undergraduate program at the Hebrew University where he graduated magna cum laude. During his studies, Yoav became acquainted with the field of Immunology and was amazed by the complexity of the immune system and how little is known about the interaction of immune cells with pathogens. In order to pursue these topics, Yoav joined Ofer Mandelboim’s laboratory in the third year of his BSc studies and continued to his PhD in the Lautenberg Center for General and Tumor Immunology, The Hebrew University of Jerusalem.

Yoav’s latest findings demonstrate how two viruses of the human polyomaviruses family, found in the majority of the human population, use an miRNA mediated mechanism to evade NK cell attack and remain undetected by the immune system. His work has won him, among other awards, an Advanced ERC award (2013), the E.M.E.T Prize (2006) the the Rothschild Prize (2014), and the NAVBO Meritorious Award (2015). Professor Keshet is a member of the Israel Academy of Sciences.