

Prof. Tuller holds an appointment of Associate Professor with tenure at the departments, Biomedical Engineering of Tel Aviv University where he is the head of the Laboratory of Computational Systems and Synthetic Biology. A central research interest of Prof. Tuller is developing computational approaches for engineering gene expression for various biotechnological objectives.

Prof. Tuller has formal education and training in Electrical Engineering, Mechanical engineering, Computer Science, Medicine and Biology (four BSc, two MSc studies including MSc at Electrical Engineering at the Technion with distinguished Prof. Jacob Ziv, and two PhD titles: one in computer science and one in medical science from TAU). Before joining Tel-Aviv University he was a Koshland fellow at Weizmann Institute of Science.

Prof. Tuller is the author of more than 100 peer reviewed scientific journal articles in top journals (e.g. *PNAS*, *Nature communications*, *Cell*) and more than 150 other type of publications (conference papers, abstracts, book chapters, and patents). His h-index is 27 and his paper citation rate is over 450 citations per year (including more than 50 citations in top journals such Nature/Science/Nature review genetics/Cell as in the recent years).

Prof. Tuller has received various awards and fellowships (e.g. Sackler, Yeshaya-Horowitz, Asi-Shnidman, Koshland, ARCHES, JULUDAN). In addition, his research is funded continuously by highly competitive scientific funding agencies (e.g. GIF, BSF, MINERVA, Israel Ministry of Science, Technology and Space) as well as by grants for applied research (e.g. NOFAR and MAGNETON).

Prof. Tuller has previous industrial experience as electrical engineer and three years ago he co-founder the company SynVaccine Ltd. This company was recently chosen as one of the three promising start-up companies in Europe in the Falling-Walls start-up competition and the 2<sup>nd</sup> place in the Israeli academia show Case Start-Up Competition (out of 180 potential Israeli start-up).

Finally, Prof. Tuller has vast experience as a PC/chair member (more than 12 conferences in the last 4 years), journal review (60 different journals, including the top journals such as *Nature*, *Science*, *Nature review genetics*), and grant review (15 grant agencies such as *NSF*, *ISF*, *ERC*, *BBSRC*, *MRC*, *Wellcome Trust*, etc).