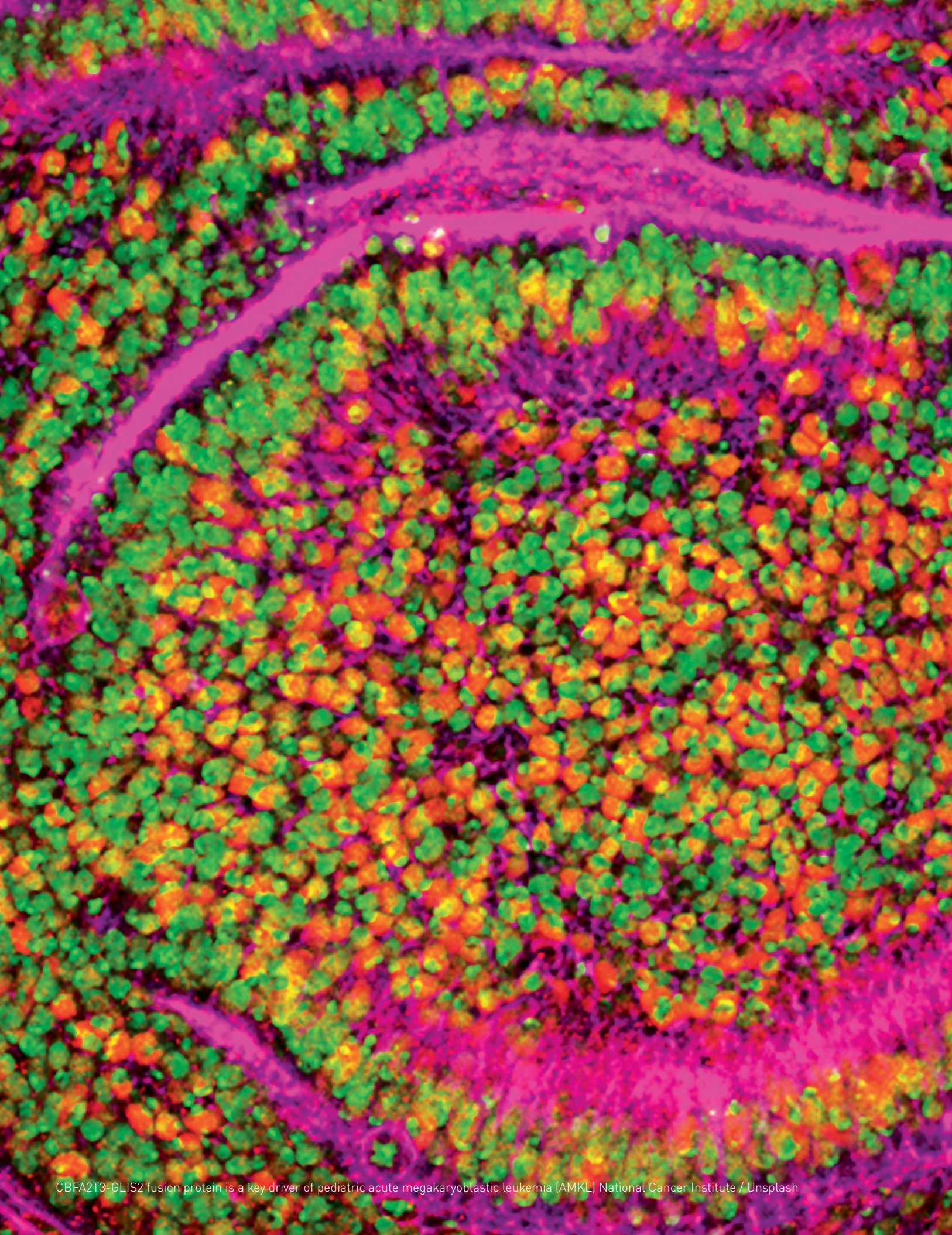


**Naming the  
Advanced Cancer  
Research Building**  
in the Rappaport  
Faculty of Medicine

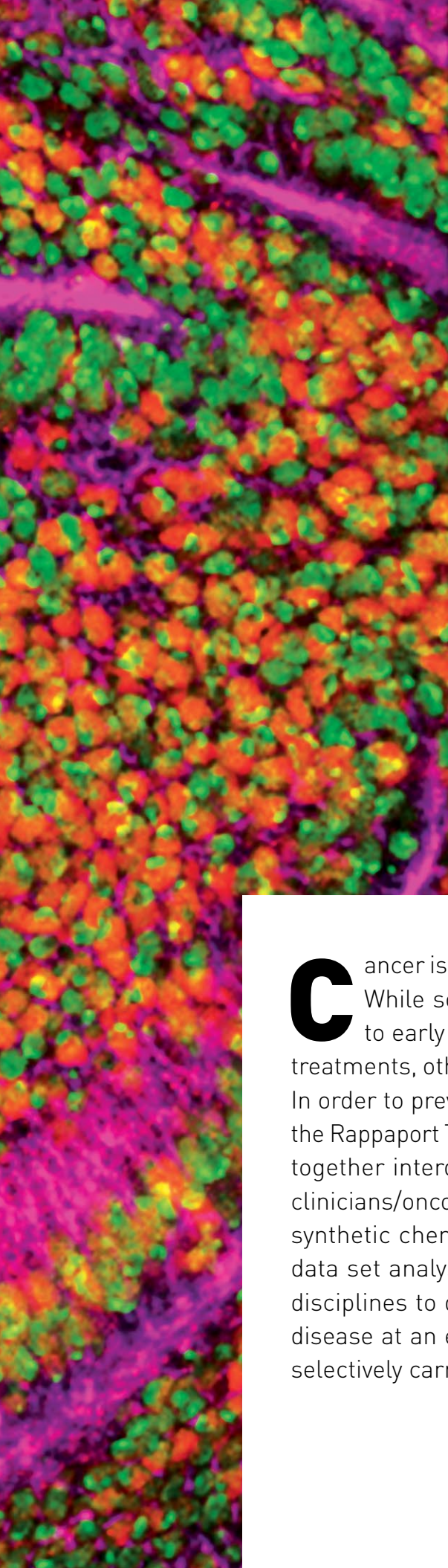


Architect's rendering of the Advanced Cancer Research Building





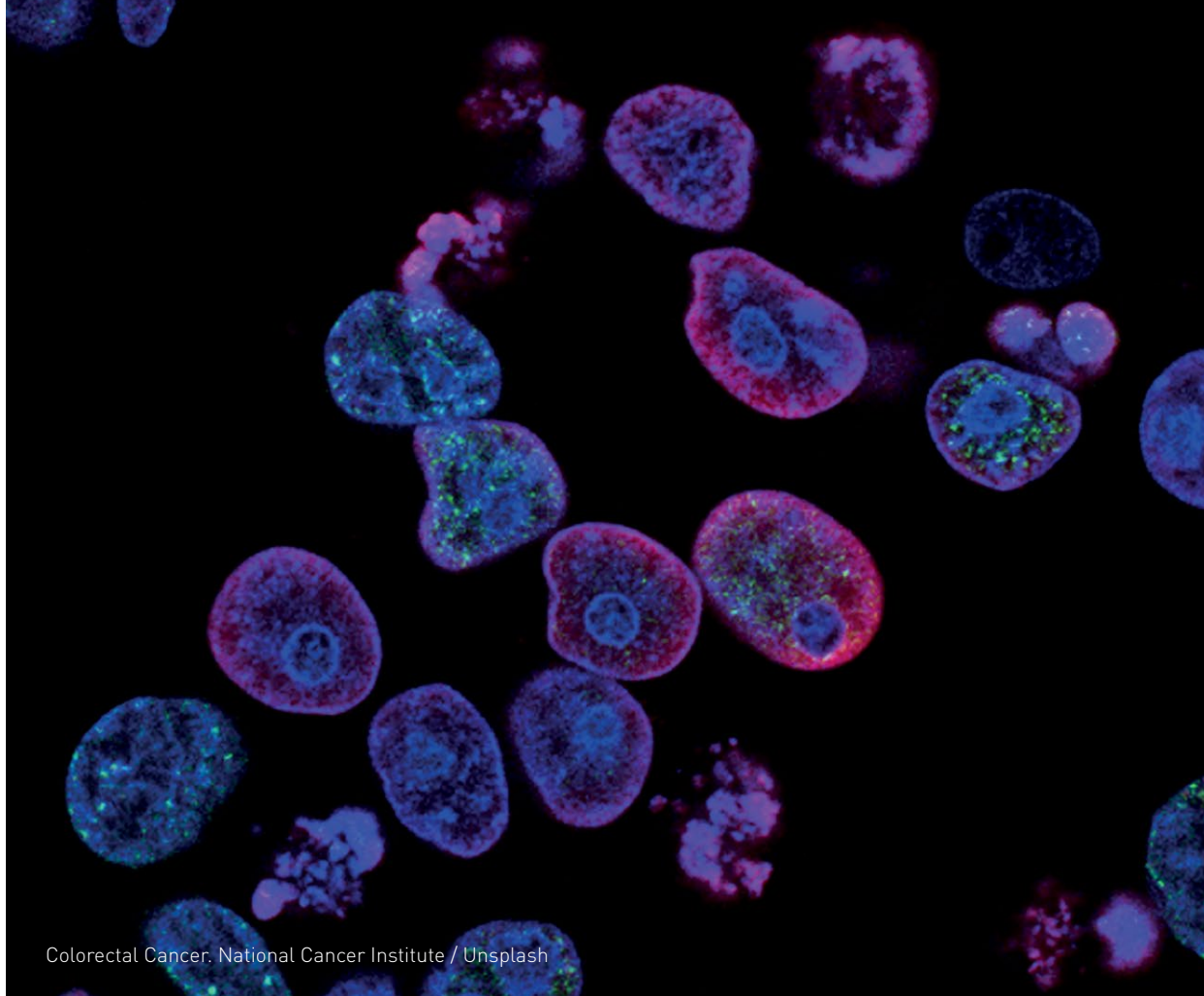




The Ruth and Bruce Rappaport Faculty of Medicine

**C**ancer is the second-leading cause of death in the western world. While some cancers have been partially defeated, mostly due to early diagnosis and to the development of novel therapeutic treatments, others have become more common and more aggressive. In order to prevail in the war on cancer, the Technion has established the Rappaport Technion Integrated Cancer Center (RTICC), which brings together interdisciplinary teams of doctors and scientists including clinicians/oncologists, protein chemists, structural biologists, organic synthetic chemists, computational chemists, bioinformaticists, and data set analysts to work together with engineers from a variety of disciplines to develop innovative diagnostic sensors to diagnose the disease at an early, treatable stage, and to create guiding devices to selectively carry drugs to the disease site.





Colorectal Cancer. National Cancer Institute / Unsplash



Prof. Naama Geva-Zatorski and her research group are shedding light on immune response



Researchers at the Rappaport Technion Integrated Cancer Center

**T**he advancement of human health requires multidisciplinary approaches, and the Technion is ideally positioned to pursue medical research because it has all of the essential elements necessary for success—basic research (conducted in the Rappaport Faculty of Medicine on the Technion Bat Galim Campus), clinical and translational research along with clinical trials (conducted in hospitals affiliated with the Technion), and strong science- and engineering-based faculties on the main Technion campus. The RTICC combines basic discovery with clinical research, leveraging the Technion’s expert facilities and resources to create an integrated

comprehensive cancer center that is already improving patient outcomes.

The challenge now is to provide adequate space and laboratory facilities for the researchers. To this end, the Technion plans to construct the **Advanced Cancer Research Building** that will be located adjacent to the existing Rappaport Building. It will include small, medium, and large research laboratories designed to meet the specifications required by faculty members and new recruits, facilities for preclinical research, meeting rooms, research and administrative offices, technical and maintenance facilities, an impressive entrance lobby





# Advanced Cancer Research Building

(home to Technion researchers from  
a wide range of disciplines)

5-FLOORS

**82,100 sq. ft.**

7,630m<sup>2</sup>

RESEARCH FACILITIES

2-LEVELS

**41,400 sq. ft.**

3,850m<sup>2</sup>

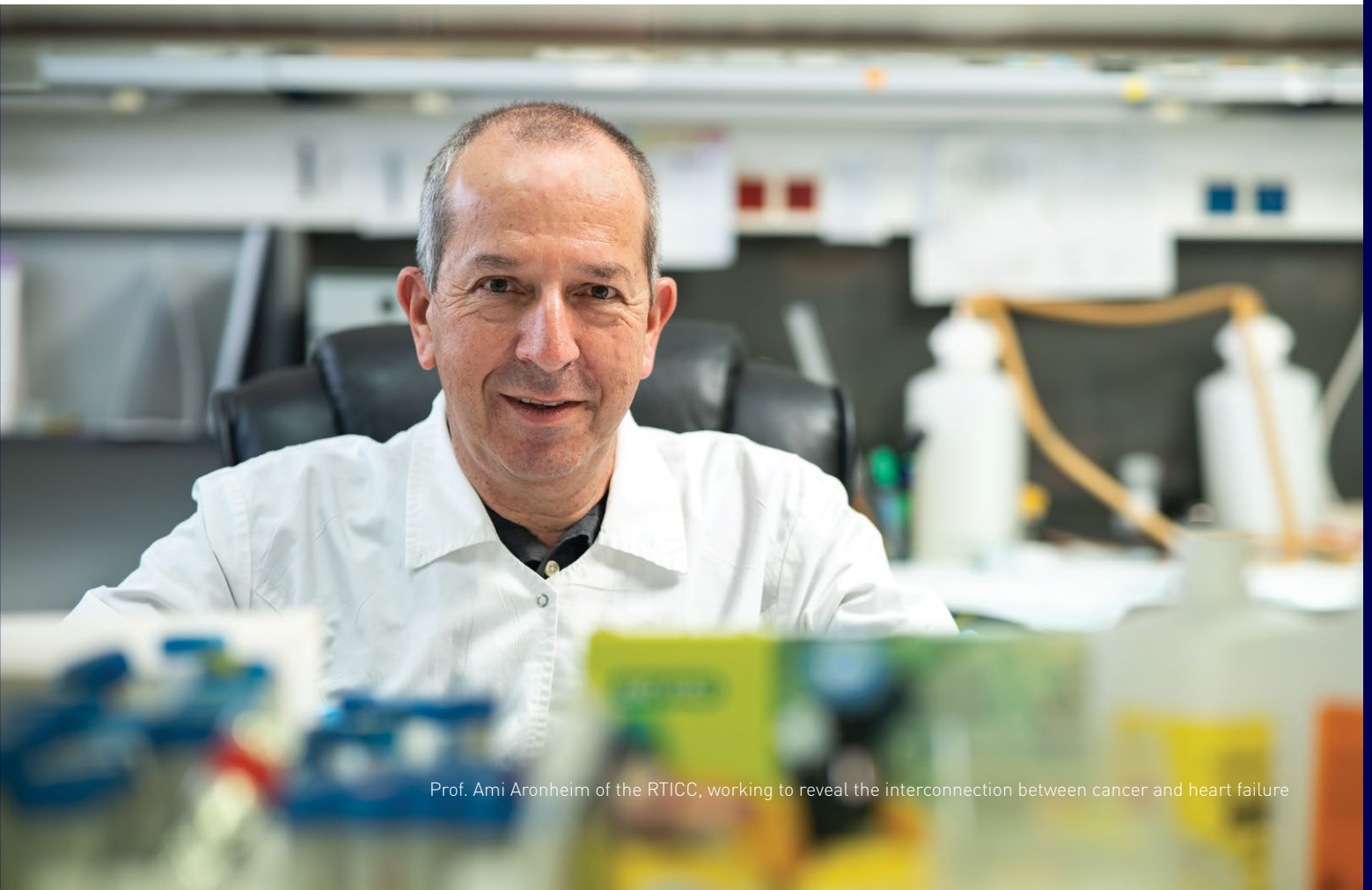
UNDERGROUND PARKING

and external balconies. The new building will be the home of the Rappaport Technion Integrated Cancer Center (RTICC), which is the only center of its kind in Israel and is among very few in the world that offer such integration of the key research disciplines.

To serve the needs of the RTICC, the Advanced Cancer Research Building will initially provide five floors of research facilities (7,630 m<sup>2</sup>/82,100 sq. ft.) and two floors of much-needed parking space (3,850 m<sup>2</sup> / 41,400 sq. ft.—56 parking places on the upper level and 52 parking places on the

lower level). Research laboratories will cover an average area of 100–130 m<sup>2</sup>/ 1,080–1,400 sq. ft.). A typical laboratory floor will include offices for researchers and administrative staff, a meeting room, restrooms, storage, and maintenance rooms.

The Advanced Cancer Research Building will provide much-needed space and state-of-the-art facilities to accelerate research in this crucial field. The building will strengthen the Technion's efforts to improve human health and quality of life globally.



Prof. Ami Aronheim of the RTICC, working to reveal the interconnection between cancer and heart failure





Existing Rappaport building



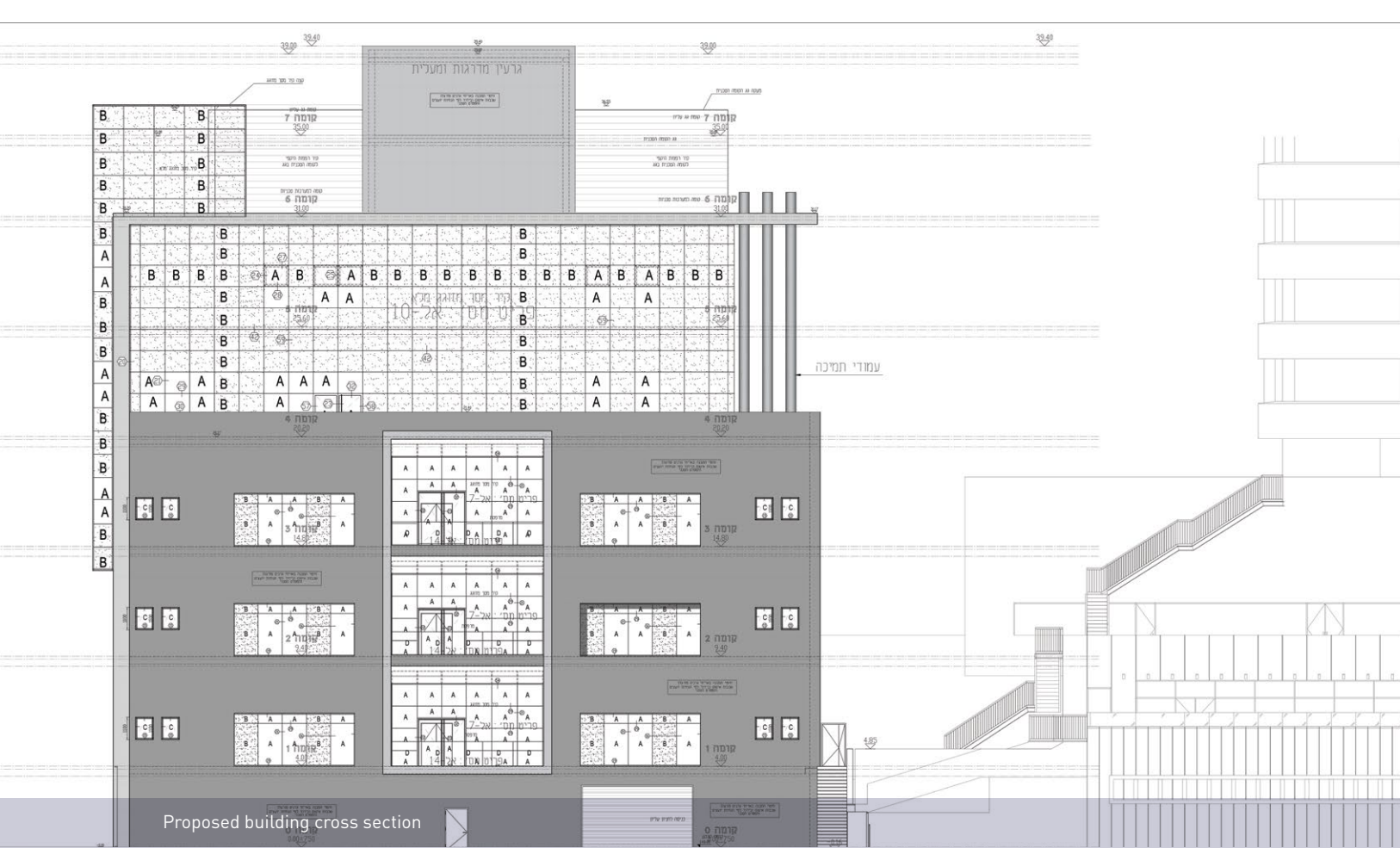


The new building will be located adjacent to the Ruth and Bruce Rappaport Faculty of Medicine and the Helmsley Health Discovery Tower in Downtown Haifa.



Proposed building cross section





Prof. Yuval Shaked, Head of the RTICC, whose groundbreaking research focuses on tumor cell biology and therapy





## **Naming Opportunity**

A gift of *\$30 million* will name the Advanced Cancer Research Building.

*Donor recognition will be in accordance with Technion standards.*





Traditional White Coat Ceremony the Technion Faculty of Medicine, 2021