CBI CLAL BIOTECHNOLOGY INDUSTRIES

CORPORATE PRESENTATION

NOVEMBER 2020

SAFE HARBOR

This presentation contains forward-looking statements within the meaning of the Israeli securities law that involve risks and uncertainties. These forward-looking statements relating to future events and future performance of the Company and the portfolio companies, jointly or separately, such as statements regarding, but are not limited to, market opportunities, strategy, competition, the further development and potential safety and efficacy of the products, the projected revenue and expense levels and the adequacy of the available cash resources. Some of the information contained herein is based upon or derived from information provided by third-party consultants and other industry sources as well as by the portfolio companies. We have not independently verified and cannot assure the accuracy of any data obtained by or from these sources.

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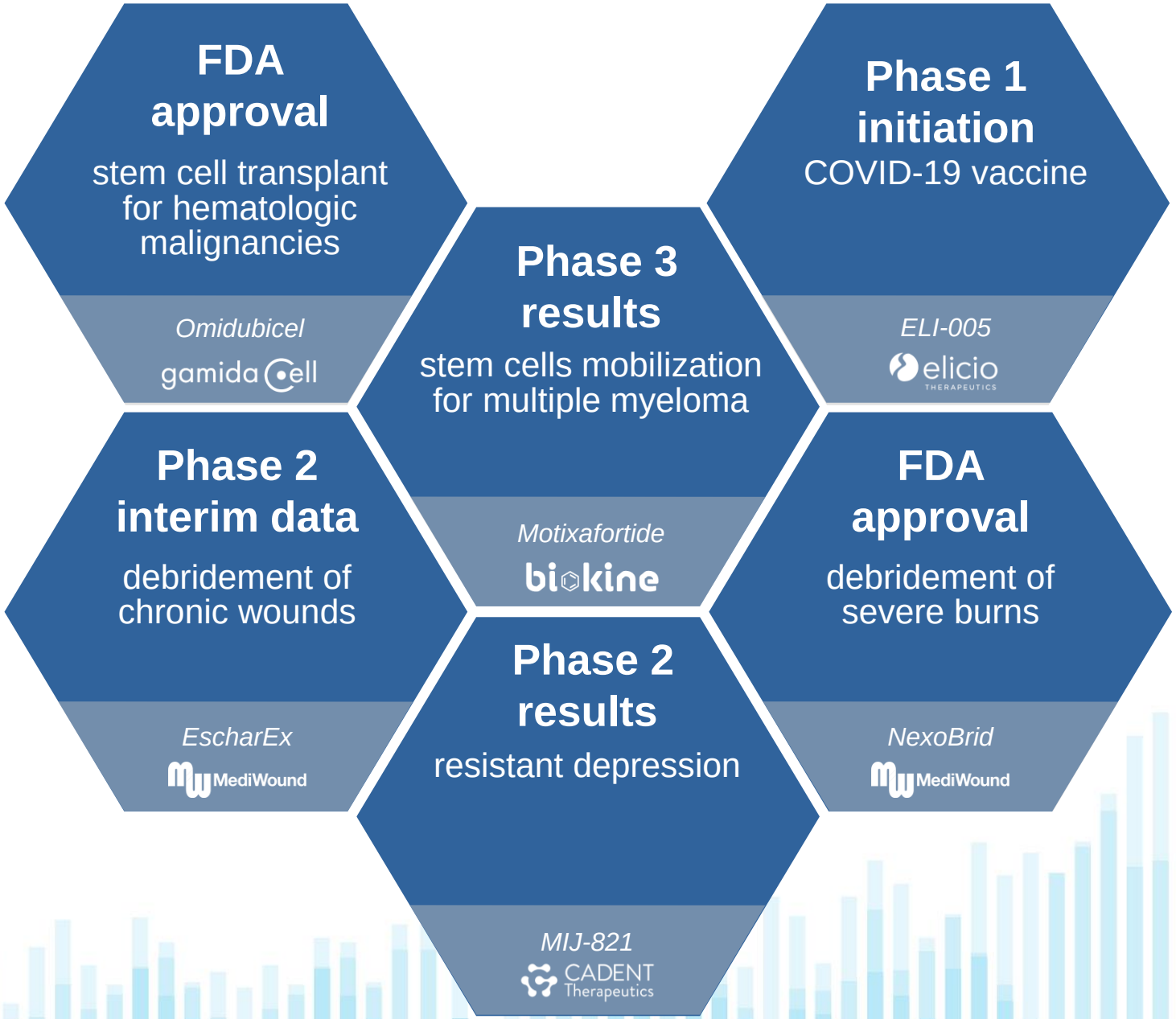
The Company is continuously monitoring the impact of the worldwide spread of the corona virus (COVID-19) on its activities and the activities of its portfolio companies. At this time, there is a material uncertainty regarding the economic and other ramifications of the spread of COVID-19. This spread might have a negative effect on the activities of the Company and its portfolio companies, including, but not limited to, their market value, the ability to raise capital (governmental, private or public), the ability to materialize the Company's holdings, the possibility to advance strategic transactions, and the ability to carry out R&D and regulatory activities.

This presentation does not constitute or form part of, and should not be construed as constituting or forming part of, any offer or invitation to sell or issue, or any solicitation of any offer to purchase or subscribe for, any of the Company shares or its portfolio companies shares, nor shall any part of this presentation nor the fact of its distribution form part of or be relied on in connection with any contract or investment decision relating thereto, nor does it constitute a recommendation regarding our or our portfolio companies securities.

WHAT TO LOOK FOR IN 2021

- 2 FDA marketing approvals
- 3 advanced clinical trial readouts
- COVID-19 vaccine first-in-human trial



CLAL BIOTECHNOLOGY INDUSTRIES

Leading life sciences investment company traded on the stock exchange (TASE: CBI)

TEL-AVIV STOCK EXCHANGE

A member of Len Blavatnik's Access Industries group

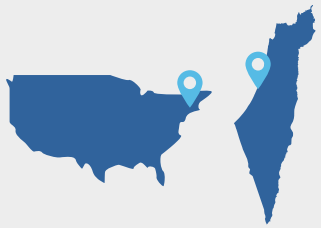
Access Industries

Clal Industries

CBI

WARNER MUSIC GROUP · lyondellbasell · CALPINE

Team based in Tel Aviv and Boston



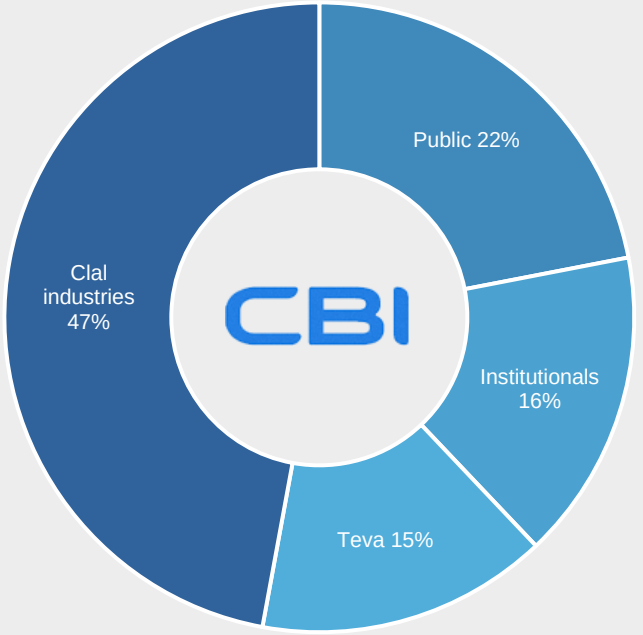
Collaborations with global healthcare companies and major investment funds

Bristol-Myers Squibb · THIRD ROCK VENTURES · ATLASVENTURE · SOFINNOVA · MicroPort · NOVARTIS · MERCK · Fidelity · Harsco

Portfolio of well-funded biotech/ med-tech companies; ~$400M raised in 2019/2020

Advanced technologies from leading US/IL institutions addressing major unmet needs

Shareholders



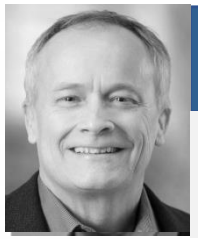
EXPERIENCED MANAGEMENT TEAM

Avi Fischer - Chairman of the Board

claltech

William Koster, PhD

Neuropen Corporation · SciFluor · Bristol-Myers Squibb



Robert Connelly Strategic Advisor

domantis · pulmatrix · axcella · FLAGSHIP PIONEERING SCIENTIFIC VENTURES FOR LIFE

Ofer Gonen - CEO

gamida Cell · MediWound · Evi

Assaf Segal - CFO

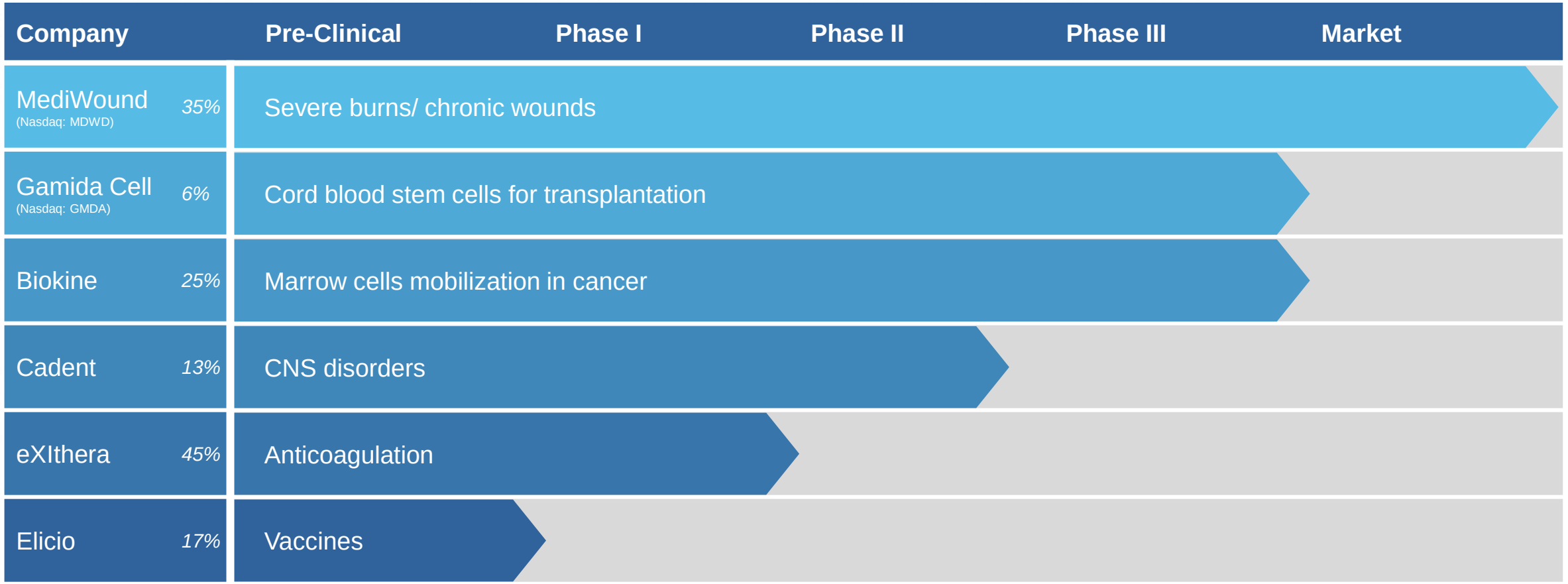
MediWound · amdocs · pwc · Variance

Gilad Rosenberg, MD - Medical Director

PHARM · MSD

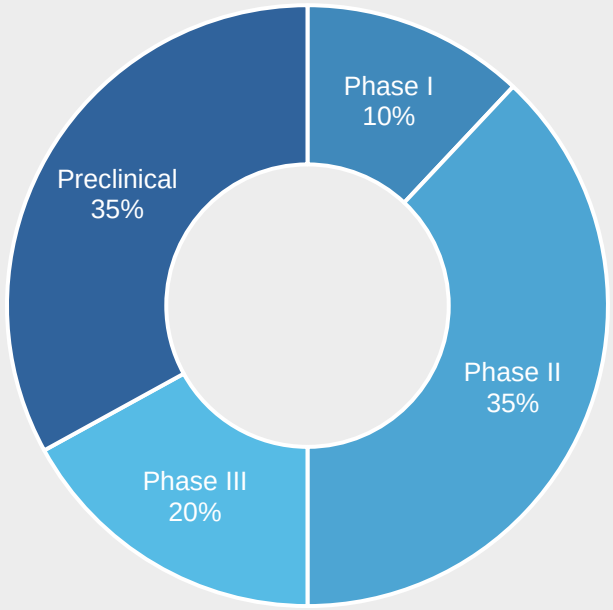
CBI

DIVERSE CLINICAL DEVELOPMENT ACTIVITY

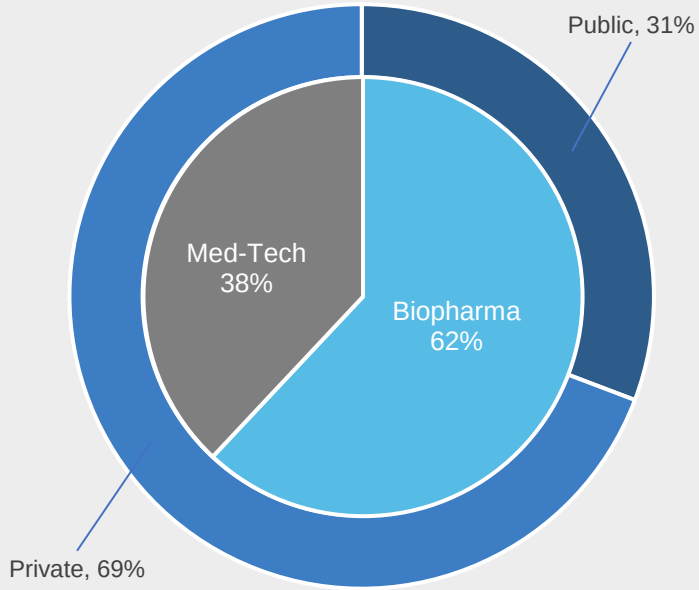


BALANCED POTFOLIO

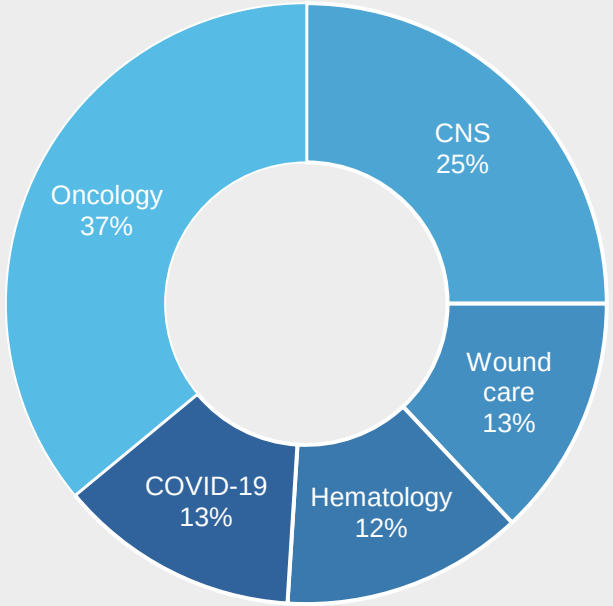
Stage of Development



Asset Distribution



Therapeutic Areas



PORTFOLIO COMPANIES

THE WORLD LEADER IN CORD BLOOD STEM CELL THERAPY

Unique technology for the expansion of cord blood-derived stem cells

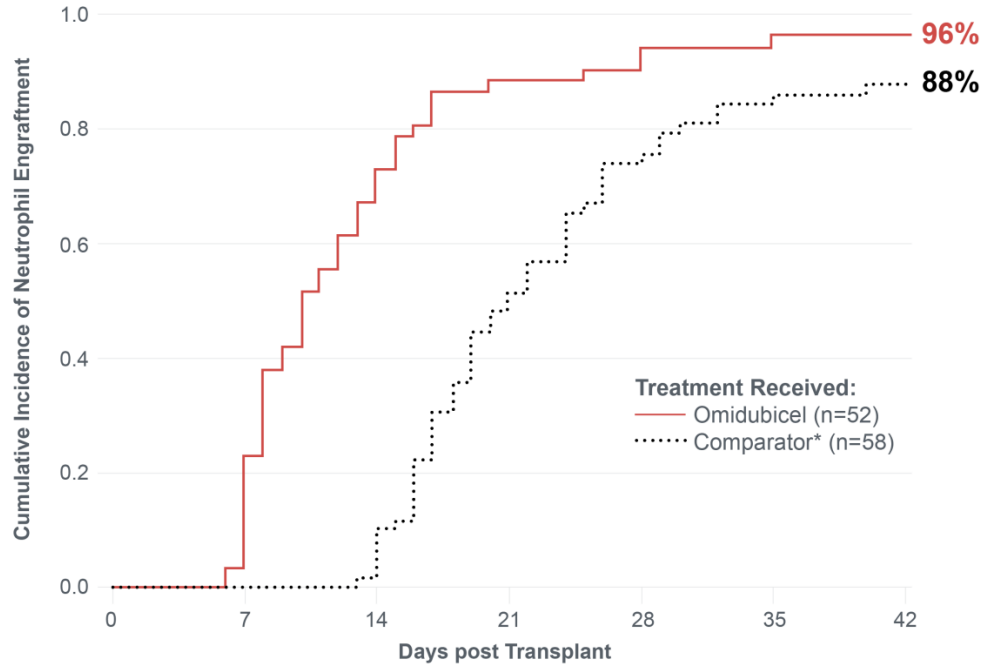
Omidubicel – treatment for hematological malignancies

- Orphan drug status and 'Breakthrough Therapy' designation granted by FDA
- Phase III trial (n=125) completed
  - **Primary endpoint of neutrophil engraftment achieved**, with median time to engraftment of 12 days in the omidubicel group vs. 22 days in the comparator group (p<0.001)
  - **Trial met all 3 secondary endpoints** (day 42 platelet engraftment, Grade 2/3 infections by day 100 post-transplant, days alive out of the hospital by day 100 post-transplant)
- Phase II in aplastic anemia is ongoing

GDA-201 – phase I in hematological malignancies is ongoing; promising early evidence of clinical activity observed in advanced non-Hodgkin's lymphoma

(Nasdaq: GMDA)

Phase III trial primary endpoint: cumulative incidence of neutrophil engraftment



Omidubicel is designed to enhance the life-saving benefits of cord blood stem cell transplant

REVOLUTIONIZING WOUND CARE

Develops, manufactures & commercializes drugs for burns and wound care

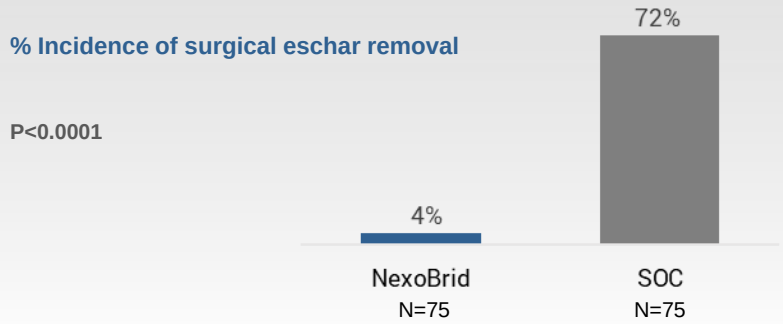
NexoBrid - an enzymatic orphan drug for burn debridement

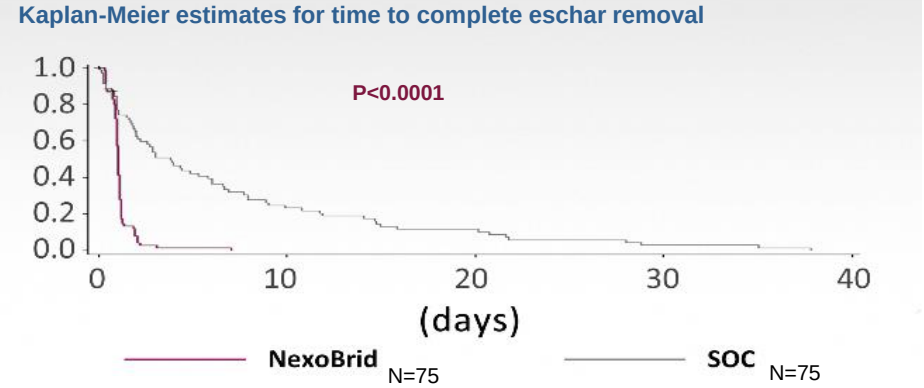
- Marketed in the EU and other territories; becoming standard of care
- Phase III trial for FDA approval has met the primary and all secondary endpoints; BLA submitted and accepted for review by FDA
- Strategic agreements of up to $202 million with BARDA: funding all of NexoBrid's R&D activities and procuring NexoBrid for $16.5 million
- License agreement with Vericel (Nasdaq: VCEL) for NexoBrid in North America

EscharEx - an enzymatic drug for chronic wound debridement

- Positive results in initial phase II trial
- A large phase II study comparing EscharEx to standard of care in venous leg ulcers initiated; interim data expected in H1/2021

(Nasdaq: MDWD)





Evidence-based breakthrough technology addressing large and growing markets

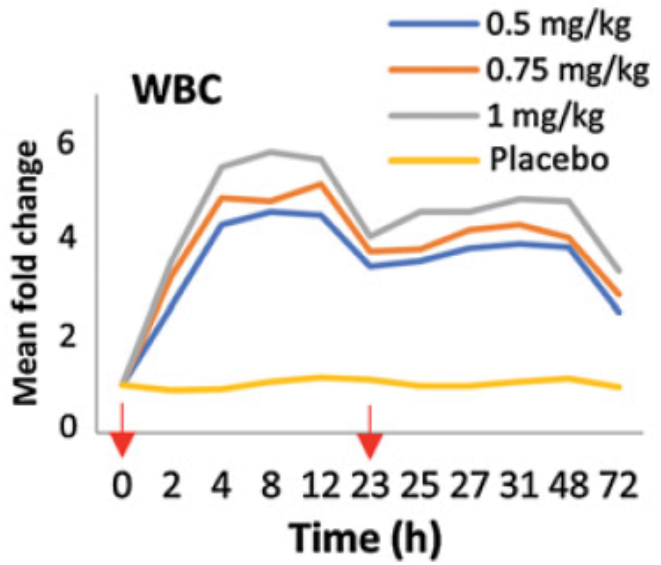
TARGETING TUMOR MICROENVIRONMENT TO FIGHT CANCER

Small molecules and peptides disrupting cancer cell communications

Motixafortide (BL-8040) - a novel high-affinity antagonist of CXCR4, mobilizing hematopoietic stem cells; orphan drug status in US and EU

- Developed by BioLineRx (Nasdaq: BRLX) under a worldwide exclusive license
- Phase II has shown that a single injection of motixafortide mobilized sufficient cells for transplantation as 4-6 injections of G-CSF, the current standard of care
- **A phase III** trial in hematopoietic stem cell mobilization for autologous marrow transplantation in multiple myeloma has been **recently stopped for success** as the primary endpoint was met
- Motixafortide is also being developed as a therapy for solid tumors (phase I/II), acute myeloid leukemia (phase II) and for ARDS (phase Ib)

BKT300 - a small molecule in pre-clinical research that interferes with a key cell cycle regulator over-expressed in tumor cells, aimed for solid and non-solid cancers



Motixafortide dose-dependent mobilization of while blood cells (WBC) from the bone marrow into blood stream; red arrows indicate the time of the two injections of motixafortide (n=6/group)
Clin Cancer Res, 2017, 23; 6790–801

Innovative arsenal for combating tumor expansion with multiple potential applications

NOVEL THERAPIES FOR NEUROLOGICAL AND PSYCHIATRIC CONDITIONS

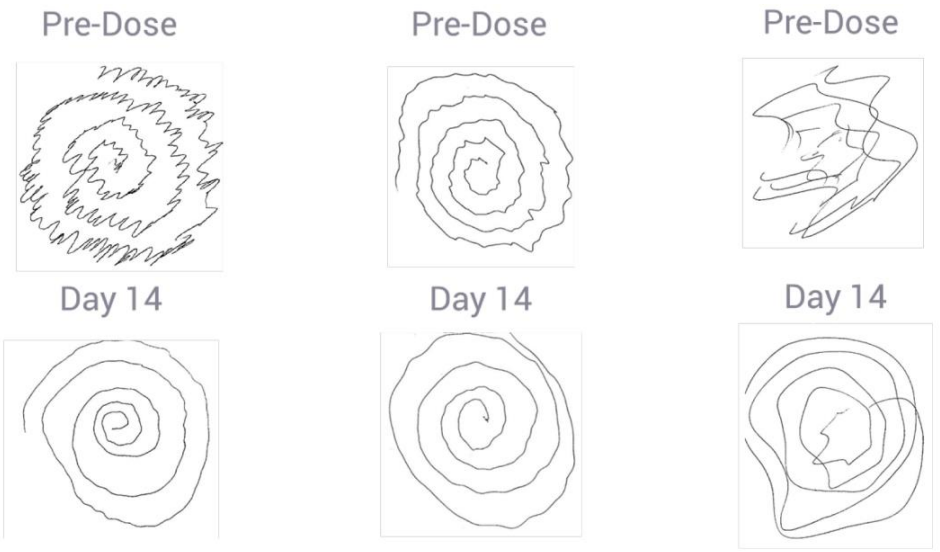
Developing drugs for CNS disorders

Positive or negative modulation of brain NMDA receptors:

- **MIJ821** - for treatment-resistant depression; licensing deal with Novartis provides for milestone payments of up to $386 million, plus royalties; a phase II trial recently completed enrolment
- **CAD-9303** - for schizophrenia; currently in phase I

Modulation of ion channels to treat movement disorders

- **CAD-1883** - drug for spinocerebellar ataxia (SCA) and essential tremor
  - A phase II trial in essential tremor has indicated proof of concept
  - Granted Orphan Drug status by FDA for SCA



Robust improvements in spiral drawing in essential tremor patients who responded to CAD-1883 in a Phase 2a trial

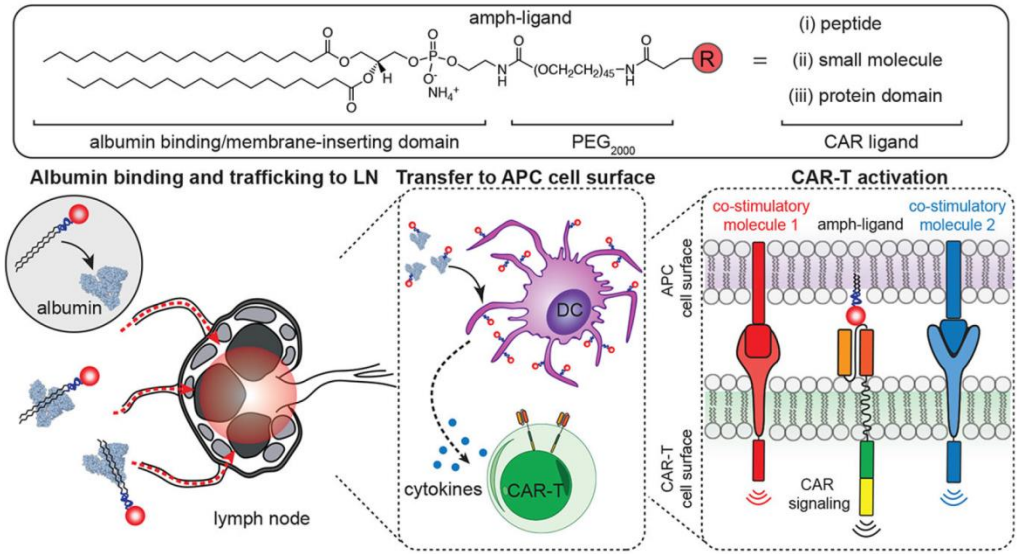
Presented at the 3rd Pan American Parkinson's Disease and Movement Disorders Congress, February 15, 2020

An attractive portfolio of products to treat CNS debilitating diseases; targeting multi billion $ markets

DRIVING THE IMMUNE SYSTEM TO ELIMINATE CANCER

Developing potent next generation, lymph node-targeting, immuno-modulatory therapeutic and prophylactic vaccines for cancer and infectious diseases

- Lymph node targeting aims to achieve potent immune activation, robust T cell response, immune memory, and, in cancer, tumor eradication and durable cure
- Solid intellectual property; ongoing relationship with founding MIT laboratory
- Preclinical data from Elicio's COVID-19 vaccine indicate:
  - Up to 25-fold more T cell response over benchmark vaccines and >265-fold greater neutralizing antibody levels than recovering patients
  - Potent CD8 and CD4 T cell presence in lung tissue and respiratory fluid
- Expertise in cancer therapeutics; an executive team with a track record of success and exits with novel platform biotechnology companies
- ELI-002: anti-KRAS therapeutic vaccine for KRAS-positive pancreatic and colorectal cancers; phase I/II to start in Q1 2021
- Pipeline includes a combination with CAR-T for better efficacy in solid tumors



Science. 2019, 12; 365(6449): 162–168

Lymph node targeting better unlocks the power of the immune response

THROMBOSIS PREVENTION AVOIDING BLEEDING RISK

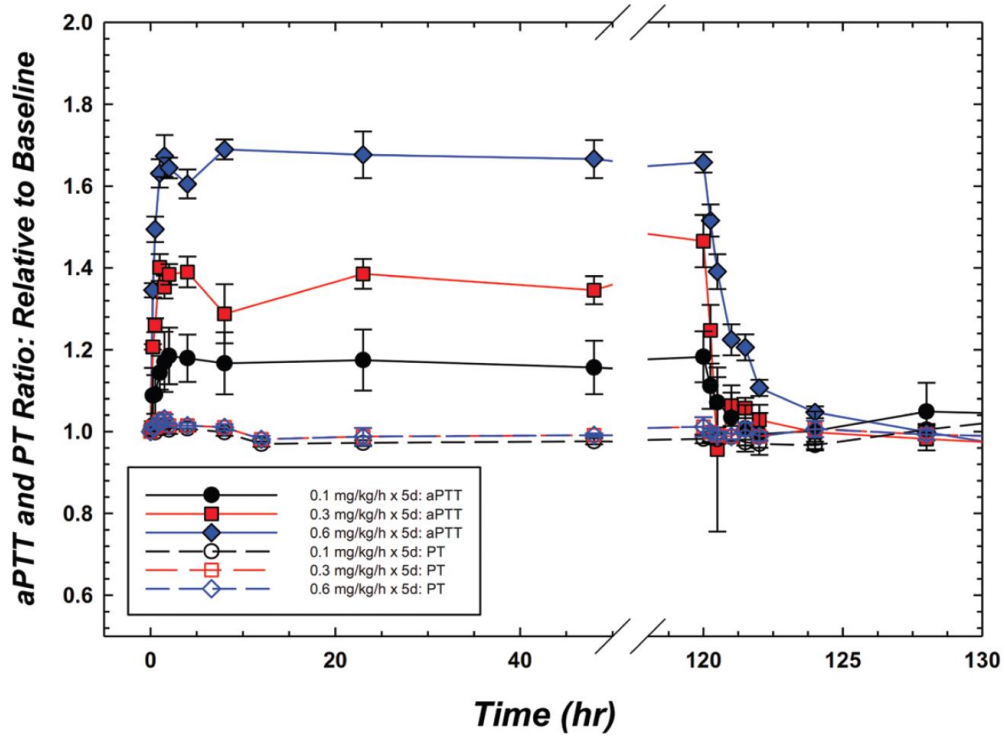
World leader in developing novel, safer, first-in-class antithrombotic drugs

- Despite the benefits of available anticoagulants, all convey significant bleeding risk
- Factor XI antagonists inhibit the intrinsic clotting pathway, related to cardiovascular risk, but not the extrinsic pathway, critical to bleeding control in surgery and trauma
- Humans with genetically low levels of factor XI have deceased incidence of thrombosis, which is not associated with spontaneous bleeding

EP-7041 - a novel, IV, selective small molecule Factor XIa inhibitor

- Phase I in healthy volunteers showed good tolerance, predictable dose-dependent increase in aPTT (efficacy marker) and rapid start and end of activity
- Strategic collaboration with Haisco Pharmaceutical Group (002653:CH)
- Phase II trial evaluating EP-7041 in COVID-19 patients in ICU, and a trial in the setting of extracorporeal membranous oxygenation (ECMO) are being planned

Phase I trial coagulation data



Factor XIa inhibition may finally dissociate anti-thrombotic effect from bleeding risk

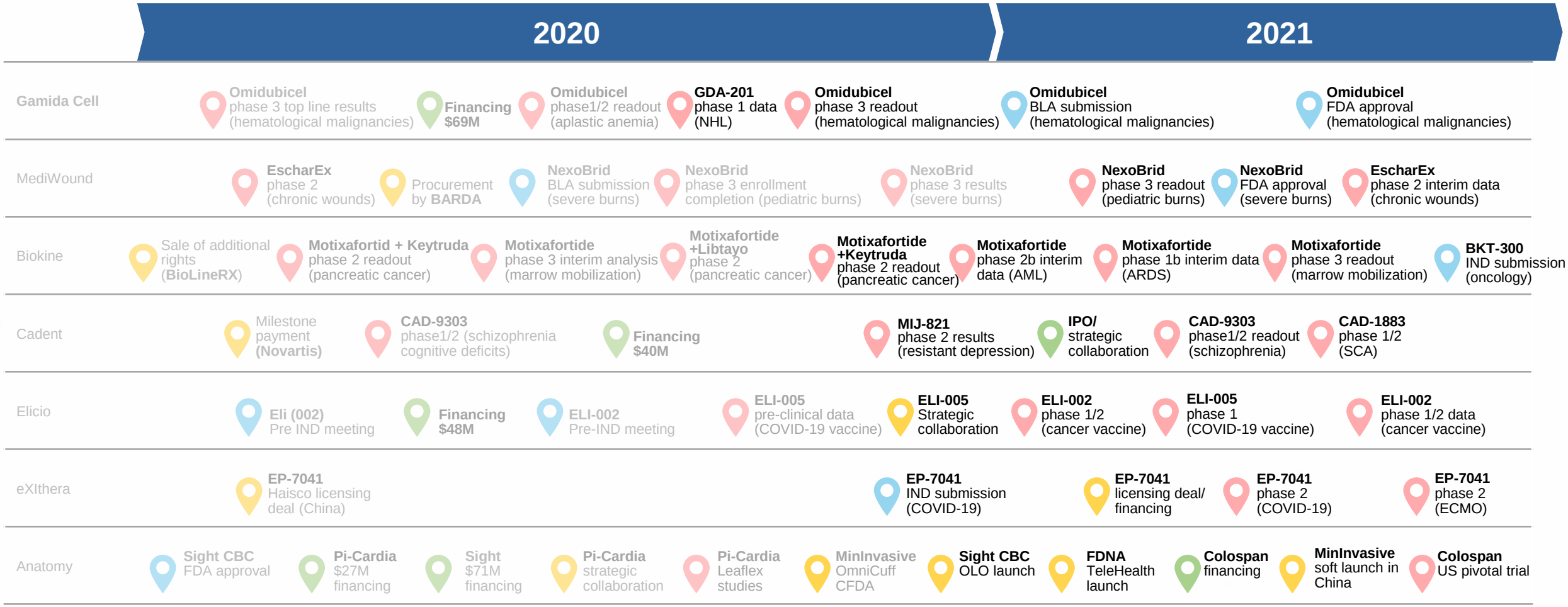
MED-TECH PORTFOLIO

Anatomy
Medical Technology Fund

Sight Diagnostics	Colospan	Pi-Cardia	MinInvasive	FDNA
Commercializing OLO™, a novel AI and optical, FDA approved, point-of-care system for complete blood count Worldwide launch activities Significant COVID-19 related opportunities Recently completed $71M financing	Developing CG-100, an anastomosis protection device for colorectal surgery to prevent anastomotic leaks, forgoing the need for a protective colostomy CE Approved device Clinical trial to support PMA is ongoing in US, EU and Israel	Developing Leaflex™, a novel catheter for treating calcified aortic stenosis without a need for valve replacement Proof-of-concept clinical trial completed successfully; a trial to evaluate durability is ongoing Recently completed $27M financing; initiated a strategic collaboration with Venus (China)	Commercializing OmniCuff™ - a minimally invasive system for rotator cuff tear repair Excellent clinical outcomes in clinical trials and in routine use FDA Approved Received NMPA (CFDA) approval; partnering with Microport in China	Deploying Face2Gene: AI-based platform to detect physiological patterns to reveal disease-causing genetic variants Used by 70% of the world's geneticists (2,000 sites; over 130 countries) Telehealth opportunity boosted by COVID-19

LOOKING AHEAD

UPCOMING EVENTS - VALUE CREATING MILESTONES



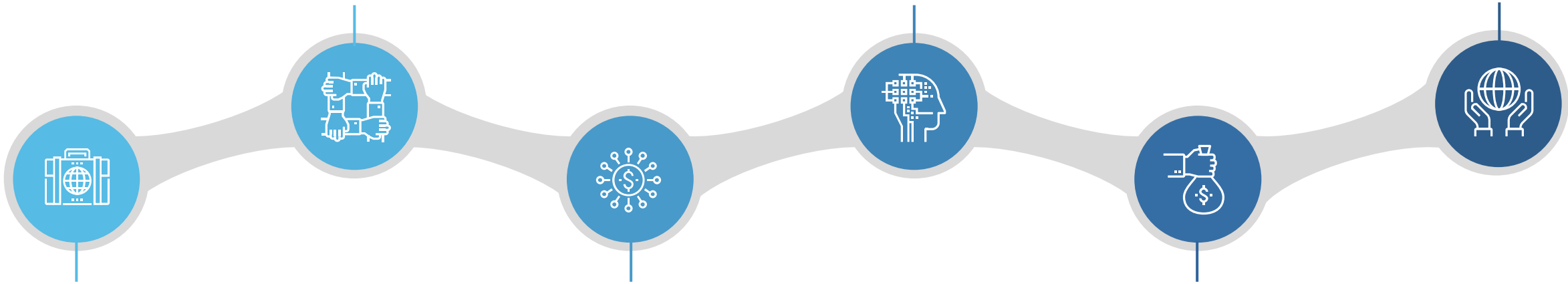
(*) The above events may be delayed/ cancelled/ otherwise varied in relation to the spread of the COVID-19 pandemic

READY TO MATERIALIZE

Collaborations with multinational healthcare companies and major investment funds

Advanced technologies from the best institutions and minds in Israel and US

Diverse portfolio with **world class leadership**



Mature portfolio of late-stage companies; multiple expected value catalysts

Drug candidates for significant unmet needs with **multibillion-dollar market potential**

Portfolio companies are **well funded** to support their clinical programs

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