ACM Biolabs Pte Ltd.

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COMPANY TYPE

Emerging

SECTOR

Immuno-Oncology,
Immuno-Therapies
(& Veterinary Vaccines
through subsidiary, AAVACC
Pte Ltd)

FOUNDED

2013

COMPANY PROFILE

ACM Biolabs' proprietary polymersome technology allows highly targeted delivery of antigens to antigen-presenting cells in order to elicit a very strong antigen-specific immune response. We are partnering with leading neoantigen companies to enhance the response to their peptides or proteins and are working on DNA and RNA delivery in parallel.

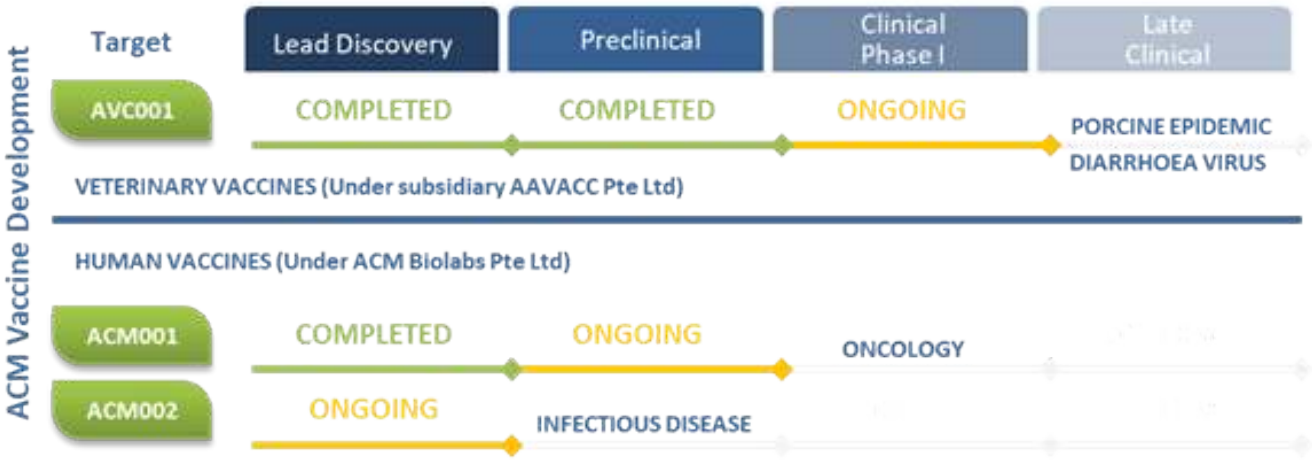
While our human vaccines are at a preclinical phase, our technology is currently being scale up and taken through regulatory approval for a lead veterinary vaccine candidate by our subsidiary, AAVACC Pte Ltd. ACM Biolabs is leveraging off the extensive safety testing and scale up work conducted for the veterinary vaccines in order to accelerate our path to the clinic for oncology vaccines.

MANAGEMENT TEAM

- Dr. Madhavan Nallani - Founder & CEO
- Dr. Peter Moran - COO
- Dr. Erich Erber - Director

PIPELINE

We are developing vaccines against a few selected targets. These targets are within the areas of infectious disease and oncology. Our targets are currently confidential, however, we intend to make them public as soon as practical, and so we encourage you to contact us or revisit out site to see what these are.



Cue BioPharma, Inc.

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United States

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PHONE

+1 617 949 2680

COMPANY TYPE

Public

TICKER

[NASDAQ: CUE]

SECTOR

Immuno-Oncology

FOUNDED

2014

COMPANY PROFILE

Cue Biopharma is an innovative immunotherapy company dedicated to developing a novel, proprietary class of biologics engineered to selectively modulate the human immune system to treat a broad range of cancers and autoimmune disorders. Cue Biologics are designed to engage directly with and modulate the activity of disease-associated T cells in the patient's body, potentially offering significant therapeutic advantages while minimizing or eliminating unwanted side effects.

MANAGEMENT TEAM

- Dan Passeri, M.Sc., J.D. - President and CEO
- Anish Suri Ph.D. - CSO
- Kenneth Pienta, M.D. - Acting Chief Medical Officer
- Ronald D. Seidel III, Ph.D. - EVP, Head of Reseach and Development
- Rodolfo J. Chaparro, Ph.D. - EVP, Head of Immunology
- Colin Sandercock, M.Sc., J.D. - Senior VP and General Counsel
- Mary Simcox, Ph.D. - VP of Translational Biology

PIPELINE

Cue Biopharma is working at the cutting edge of the immunotherapy revolution, providing us with the potential to offer patients significant therapeutic advantages while minimizing or eliminating unwanted side effects. Our goal is to develop and bring to market biologics that could overcome the challenges facing prevailing immunotherapeutics, via direct engagement with and modulation of disease-associated T cells in the patient's body.

eTheRNA Immunotherapies NV

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COMPANY TYPE

Private

SECTOR

Immuno-Oncology.
Immunotherapies

FOUNDED

2013

COMPANY PROFILE

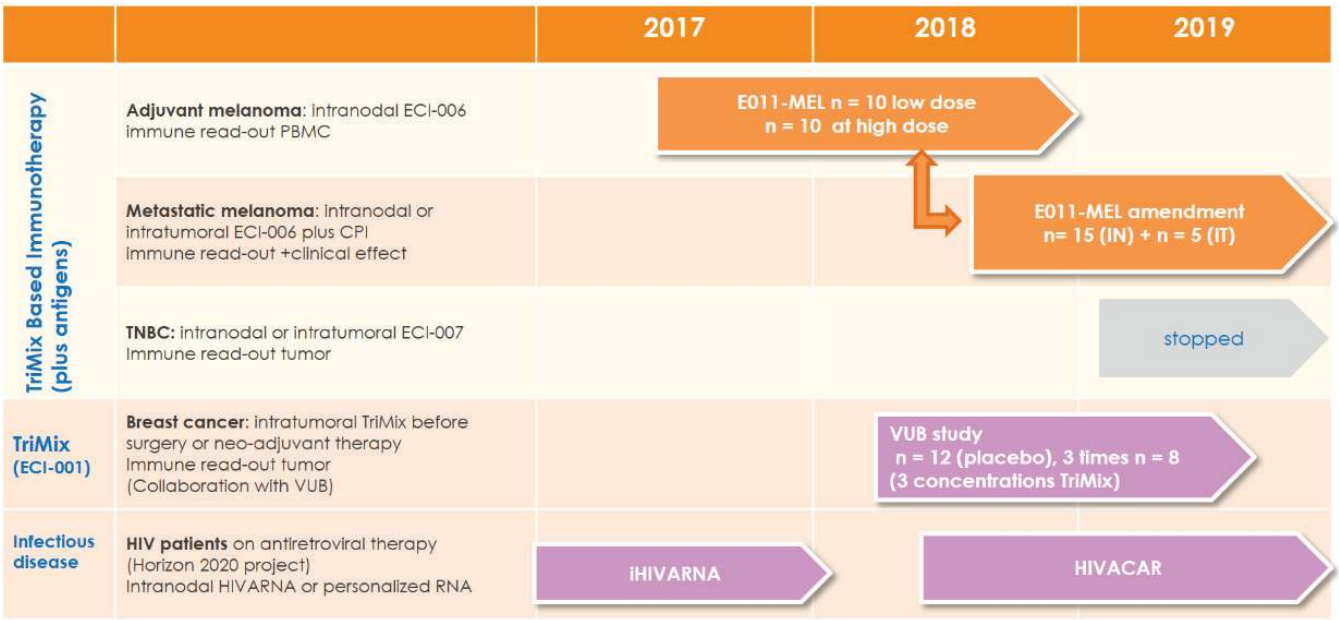
eTheRNA immunotherapies' mission is to help patients to overcome a broad range of cancers by developing novel immunotherapies that target the fundamental role of dendritic cells in the human immune system. eTheRNA's proprietary mRNA-based TriMix technology boosts dendritic cells leading to a more comprehensive, sustainable and safer enhancement of the patient's immune system than any other similar approach investigated until now. The Trimix platform could be directly injected to the patients alone or in combination with tumor-specific antigen mRNA.

MANAGEMENT TEAM

- Marc Dechamps - Acting CEO
- Sonja Van Meirvenne - QC & Regulatory Affairs Lead
- Dirk Van Broekhoven - General Counsel and HR Lead
- Marina Cools - Clinical Lead
- Wim Tiest - Head of Strategy
- Luc Lammens - Finance Lead
- Bernard Sagaert - QA Lead
- Marnix Collier - Head of Manufacturing
- Peter Tomme - Preclinical Lead

PIPELINE

eTheRNA aims to provide preclinical and clinical proof of evidence to support the further development of the TriMix technology into an injectable in vivo product, that can be made available "off-the-shelf".



F-star Biotechnology Ltd.

COMPANY PROFILE

F-star is a clinical-stage biopharmaceutical company committed to delivering life-changing treatments to cancer patients. Through our highly efficient Modular Antibody Technology™ platform, we are building and progressing an extensive immuno-oncology pipeline of mAb²™, a novel class of disruptive bispecific antibodies designed to unlock new biology which cannot be achieved by combining monospecific drugs. F-star's technological expertise and scientific approach have been validated through strategic partnerships with leaders in the pharma and biotech industries.

Find out more at www.f-star.com. Connect with us via LinkedIn and Twitter.

MANAGEMENT TEAM

- John Haurum - Chief Executive Officer
- Jane Dancer - Chief Business Officer
- Tolga Hassan - Chief Financial Officer
- Neil Brewis - Chief Scientific Officer
- Mihriban Tuna - Vice President, Drug Discovery
- Mike Davies - Vice President, Protein Science
- Michelle Morrow - Vice President, Preclinical Translational Pharmacology
- Alison McGhee - Vice President, Intellectual Property

PIPELINE

F-star is developing a pipeline of bispecific antibodies focused on oncology and immuno-oncology.

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COMPANY TYPE

Private

SECTOR

Immuno-Oncology,
Immunotherapies,
Bispecific Antibodies

FOUNDED

2006

DISCOVERY			PRECLINICAL	PHASE 1
FS20	FS29	FS320	FS120	FS118 *(under option to Merck KGaA)*
FS22	FS31	FS322	FS222	
Fcab building blocks Highly efficacious Fcab for the generation of first-in-class mAb² in immuno-oncology		**mAb² candidates** First-in-class bispecific antibodies in immuno-oncology	**mAb² lead candidates** First-in-class bispecific antibodies in immuno-oncology	First-in-class bispecific antibody in immuno-oncology targeting two checkpoint inhibitors: LAG-3 and PD-L1 Potential to deliver greater efficacy with better tolerability in a wide range of tumours

Genocea Biosciences, Inc.

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COMPANY TYPE

Public

TICKER

[NASDAQ:GNCA]

SECTOR

Immuno-Therapies
Immunotherapies,
Cancer Vaccines

FOUNDED

2008

COMPANY PROFILE

Genocea is harnessing the power of T cell immunity to develop life-changing vaccines and immunotherapies. While traditional immunotherapy discovery methods have largely used predictive algorithms to find target antigens, we have been able to successfully develop ATLAS, our proprietary, high-throughput technology platform, to identify target antigens of T cells based on actual human immune responses. We are focused on using ATLAS's superiority in neoantigen identification to develop neoantigen cancer vaccines.

GEN-009 is our most advanced neoantigen vaccine candidate for which we expect to initiate a Phase 1 clinical trial in the second half of 2018. GEN-009 is an adjuvanted neoantigen peptide vaccine that is designed to direct a patient's immune system to attack their tumor. GEN-009's neoantigen peptides are identified using ATLAS, which recalls a patient's pre-existing CD4+ and CD8+ T cell immune responses.

While we focus on advancing GEN-009 into the clinic and exploring next generation vaccine technologies, we are also actively seeking to partner certain applications of our ATLAS platform. Programs available for partnership include:

- Antigen Discovery: The versatility of our ATLAS platform not only allows the identification of neoantigens, but also tumor-associated antigens, viral-associated antigens, and T cell receptors.
- Immune Response Profiling: ATLAS can also be used as a blood-based, non-invasive assay to detect differing immune responses in patients successfully and unsuccessfully treated with cancer therapies to inform patient selection in clinical trials and clinical practice.

MANAGEMENT TEAM

- Pamela Carroll, Ph.D. - SVP, Immuno-oncology
- Chip Clark - President and Chief Executive Officer
- Jessica Baker Flechtner Ph.D. - Chief Scientific Officer
- Eric S. Hoffman - Chief Business Officer
- Narinder Singh - SVP, Pharmaceutical Sciences and Manufacturing

PIPELINE

		DISCOVERY	PRE-CLINICAL	PHASE 1	PHASE 2	STATUS & EXPECTED MILESTONES
IN-HOUSE PIPELINE	GEN-009 1st Generation Neoantigen Cancer Vaccine					• Peptide + adjuvant vaccine • IND filed April 2018 • Immunogenicity data expected 1H 2019
	GEN-010 2nd Generation Neoantigen Cancer Vaccine					• Proprietary vaccine modality
PARTNERING	Shared Antigen Cancer Vaccines					• Exploring ATLAS™ partnering opportunities
	Vaccines for Cancers of Viral Origin					• Exploring ATLAS™ partnering opportunities

Hemispherx Biopharma, Inc.

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COMPANY TYPE

Public

TICKER

[NYSEAMERICAN: HEB]

SECTOR

Immuno-Oncology
Drug Development

FOUNDED

1990

COMPANY PROFILE

Hemispherx Biopharma, Inc. is an advanced specialty pharmaceutical company engaged in the clinical development of new drug entities for treatment of seriously debilitating disorders.

Hemispherx's flagship products include Alferon N Injection® and the experimental therapeutics Ampligen®. Ampligen® is an experimental RNA nucleic acid being developed for globally important debilitating diseases and disorders of the immune system, including Chronic Fatigue Syndrome. Hemispherx's platform technology includes components for potential treatment of various severely debilitating and life threatening diseases. Because Ampligen® is experimental in nature, they are not designated safe and effective by a regulatory authority for general use and are legally available only through clinical trials.

The FDA approval of Alferon N Injection® is limited to the treatment of refractory or recurrent external genital warts in patients 18 years of age or older. The Company's Alferon® N approval in Argentina includes the use of Alferon N Injection® (under the brand name "Naturaferon") for use in any patients who fail, or become intolerant to recombinant interferon, including patients with chronic active hepatitis C infection.

The Company exclusively operates a GMP certified manufacturing facility in the United States for commercial products.

MANAGEMENT TEAM

- Thomas K. Equels, M.S. J.D. - Executive Vice Chairman, Chief Executive Officer, President
- Adam Pascale, CPA - Chief Financial Officer
- David R. Strayer, M.D. - Chief Scientific & Medical Officer
- Peter W. Rodino III, J.D. - Executive Director for Governmental Relations, General Counsel, Secretary
- Wayne Springate - Senior Vice President of Operations

PIPELINE

Product Candidate	Indication	Development Stage
Ampligen®	ME/CFS	NDA Active. Company in discussions with FDA to formulate path forward for potential approval
Ampligen®	Vaccine Adjuvant	Phase I/II – Research Collaboration with the University of Alabama
Ampligen®	Ovarian, Colorectal, and Peritoneal Cancers	Phase I/II - Sponsored by University of Pittsburgh
Ampligen®	Colorectal, Melanoma Cancer	Pre-clinical research collaboration with Georgia Regents University
Ampligen®	Renal Cell Carcinoma, Melanoma Cancers	Phase I/II Research Collaboration with Hahnemann University

Hookipa Biotech AG

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COMPANY TYPE

Private

SECTOR

Immuno-Therapies

FOUNDED

2011

COMPANY PROFILE

Hookipa Biotech AG is a clinical stage biotech company aiming to develop best-in-class active immunization therapies for infectious diseases and oncology.

Our proprietary TheraT® and Vaxwave® platforms have shown promising abilities to elicit high neutralizing antibody responses, but also necessary levels of T cell responses, currently missing in most vaccine and therapeutic approaches. Hookipa's vectors are not impeded by vector-neutralizing antibodies and can be administered repeatedly, providing even greater immune protection. Levels of specific T cells generated by TheraT® are unprecedented in the field and have the potential to transform active immune-therapy in cancers.

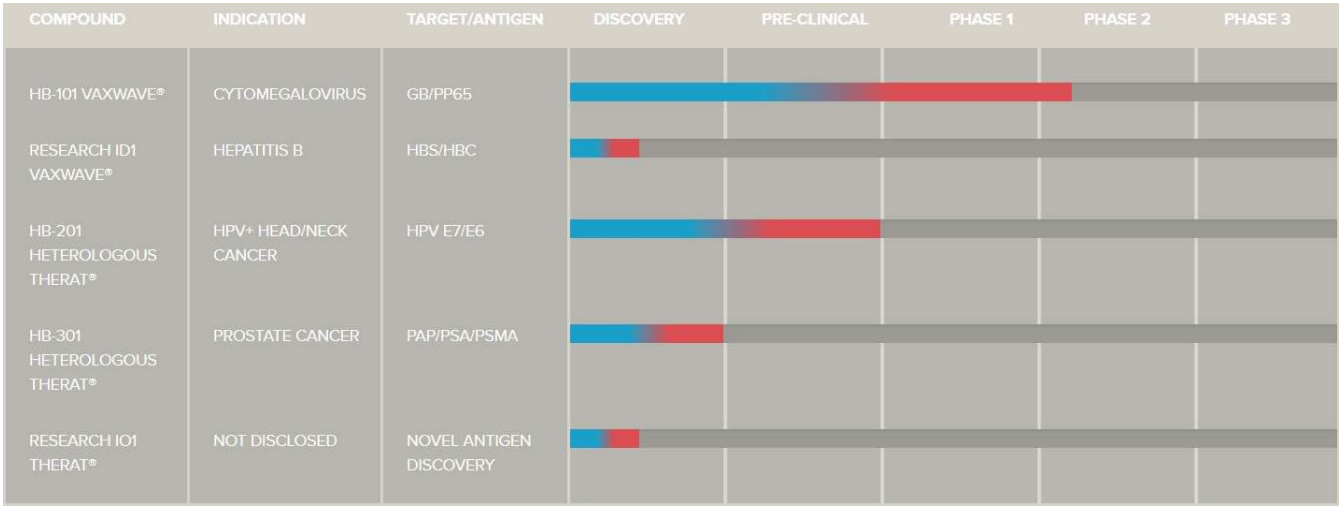
We have completed the active phase of a Phase 1 trial of a Vaxwave®-based vaccine against cytomegalovirus (CMV) and are finalizing clinical development plans for TheraT® in Human Papilloma Virus (HPV)- related head and neck cancers.

MANAGEMENT TEAM

- Joern Aldag – Chief Executive Officer
- Reinhard Kandera – Chief Financial Officer
- Daniel Pinschever- Chief Scientific Officer
- Igor Matushansky – Global Head, Research and Development
- Vera Baumgartl-Strasser - Head of Licensing & Grant Management
- Andy Hwang - Head of Clinical Program and Operations Logistics
- Heidi Buchinger – Head of Regulatory Affairs
- Anders Lilja – Vice President Technical Development
- Tony Melckenbeek – Vice President Finance & Human Resources
- Torsten Mummenbrauer – Senior Vice President Business Development & Licensing
- Klaus Orlinger – Vice President Research

PIPELINE

Hookipa is committed to responsibly developing critical programs where TheraT® and Vaxwave® can make the biggest difference for the most people. Our science and technologies have demonstrated the possibility of highly potent antibody and T cell responses while maintaining safety, even with repeated administrations.



Immunicum AB

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COMPANY TYPE

Public

TICKER

[STO: IMMU]

SECTOR

Immuno-Oncology

FOUNDED

2002

COMPANY PROFILE

Immunicum is developing novel immuno-oncology therapies against a range of solid tumors. The approach is based on allogeneic dendritic cells that are designed to stimulate a personalized anti-tumor immune response in each patient. The Company's lead compound, ilixadencel is currently being evaluated in clinical trials for the treatment of kidney cancer, liver cancer and gastrointestinal stromal tumors. Ilixadencel combines the best aspects of two approaches: a cell-based, cost-effective and off-the-shelf immune enhancer that when injected intratumorally is capable of triggering a highly specific and potentially long-lasting immune reaction against tumor cells throughout the body.

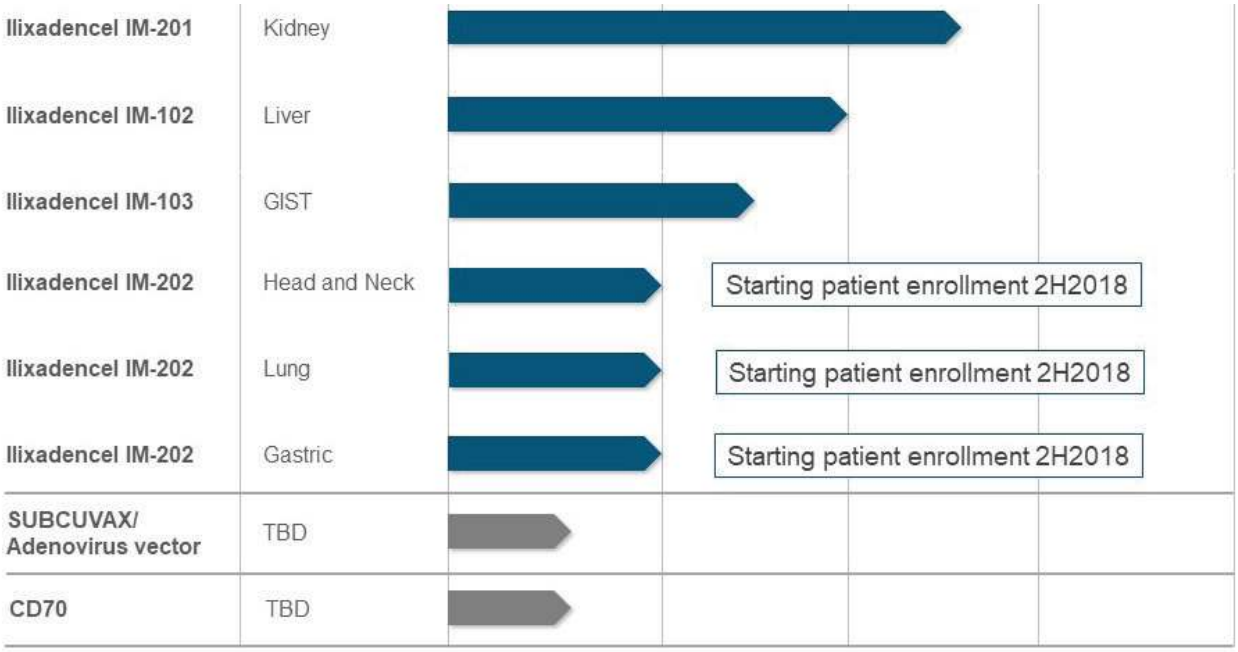
MANAGEMENT TEAM

- Carlos de Sousa – Chief Executive Officer
- Peter Suenaert – Chief Medical Officer
- Michaela Gertz – Chief Financial Officer
- Alex Karlsson-Parra – Chief Scientific Officer
- Sharon Longhurst – Head of CMC
- Margareth Jorvid – Head of Regulatory and QA
- Sijme Zeilemaker – Senior Director Business Development

PIPELINE

Immunicum is focused on demonstrating the therapeutic value of ilixadencel through a rigorous clinical program led by the ongoing Phase II study in renal cell carcinoma. Immunicum has gathered encouraging results in trials conducted to date and will seek to further substantiate the potential for ilixadencel to help treat cancer patients as a component of either current standard of care or other combination treatment.

The Company has also defined additional opportunities that are currently in research and preclinical evaluation, including SUBCUVAX®. These programs are listed in the Development Programs.



IMMUNOVACCINE

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COMPANY TYPE

Public

TICKER

[TSE: IMV]

SECTOR

Immuno-Oncology

FOUNDED

2000

Immunovaccine, Inc.

COMPANY PROFILE

Our technology provides the foundation of our Company and underscores the novel benefits of our product candidates across multiple therapeutic markets. Our human immune system is bombarded with countless messages and directives at any given moment. The key, we believe, is making sure that the right directives get through, safely and efficiently, to help our body do what it is already designed to do: fight serious diseases.

The technology behind our unique delivery platform can help to get the messages across, by promoting the active uptake and extending the delivery time to the immune system. Our formulations provide a simple but elegant solution to delivering the right messages, and helping to make sure they are received and acted upon, by our immune system.

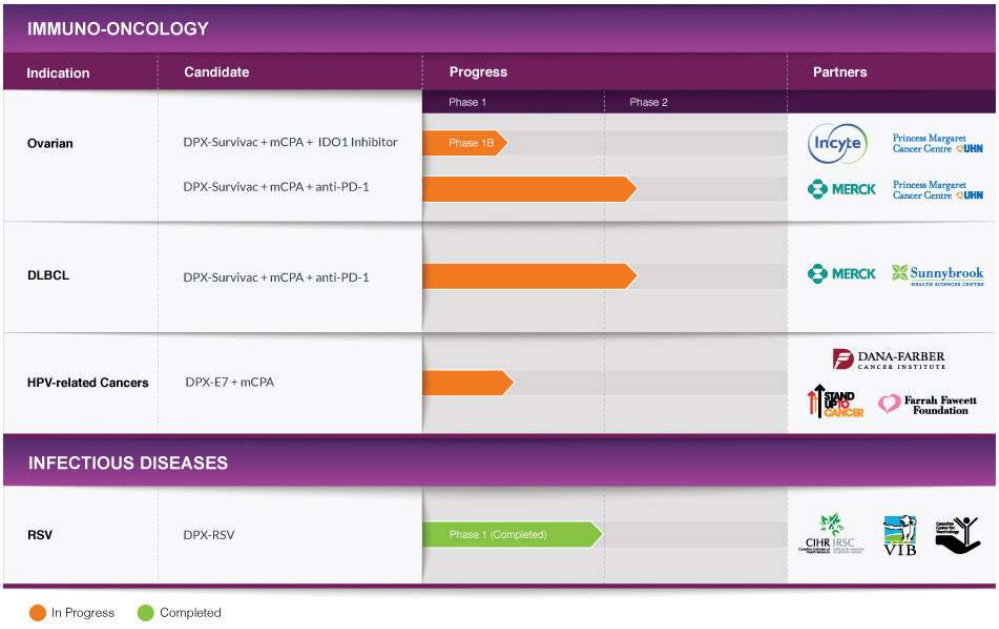
Through partnerships with pharmaceutical and biotech leaders, we are leveraging the unique capabilities of platform to develop innovate therapies with potential to mobilize the power of the immune system in a more rapid, robust and sustained fashion. We work with a sense of purpose, using the best science and drug development practices to address urgent unmet medical needs in cancer and other diseases.

With three candidates already in clinical trials and several more at the precipice, we are committed to building a company that can deliver value for our shareholders, patients and communities.

MANAGEMENT TEAM

- Frederic “Fred” Ors - Chief Executive Officer
- Pierre Labbé - Chief Financial Officer
- Gabriela Nicola Rosu, MD - Chief Medical Officer
- Joseph Sullivan - Senior Vice President, Business Development
- Stephan Fiset - Vice President, Clinical Research
- Leeladhar Sammatur - Vice President, Product Development & Manufacturing
- Marianne Stanford, PhD - Vice President, Research
- Annie Tanguay - Vice President, Quality and Regulatory

PIPELINE



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COMPANY TYPE

Emerging

SECTOR

Immunotherapies

FOUNDED

2004

ISA Pharmaceuticals B.V.

COMPANY PROFILE

ISA Pharmaceuticals is a privately held company based in the Netherlands. It focuses on the development of rationally designed, fully synthetic immunotherapeutics for the treatment of cancer and persistent viral infections. ISA's development platform is based on its proprietary SLP® (synthetic long peptide) and AMPLIVANT® technologies. The platform is broadly applicable and suitable for a multitude of targets and product opportunities.

The company has established its development platform based on insight into the exact mechanism of action and the immunopharmacology of its immunotherapeutics. Various clinical trials up to completion of Phase II have demonstrated the safety, tolerability and clinical efficacy of SLP® compounds, thereby providing proof-of-concept.

The company was founded in 2004 by Aglaia Oncology Fund with Leiden University Medical Center (LUMC) as its primary research partner.

MANAGEMENT TEAM

- Gerben Moolhuizen - Chief Executive Officer
- Cornelis Melief, Ph.D. - Chief Scientific Officer
- Dr. Leon Hooftman - Chief Medical Officer
- Willem-Jan Krebber - Chief Operating Officer

PIPELINE

Product	Indication	Pre clinical	Phase 1	Phase 2	Phase 3	Partner
ISA101b (HPV16)	Cervical Cancer	Cemiplimab (aPD1) combo (start 2018)				REGENERON
	SCCHN (2L)	Cemiplimab (aPD1) combo (start 2018)				
	SCCHN (1L; IST)	MDACC/Utomilumab (4-1BB) combo				
ISA201 (HPV16)	H&N/Cervical Cancer (Amplivant conjugates; IST)	HESPECTA – ongoing				
ISA203 (PRAME)	Multiple cancer indications, incl glioblastoma					
ISA204 (HBV)	Chronic Hepatitis B					
On-demand	Target orphan disease – other; MyISA® (neo-antigens)					

Lycera

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COMPANY TYPE

Private

SECTOR

Immuno-Therapies

FOUNDED

2006

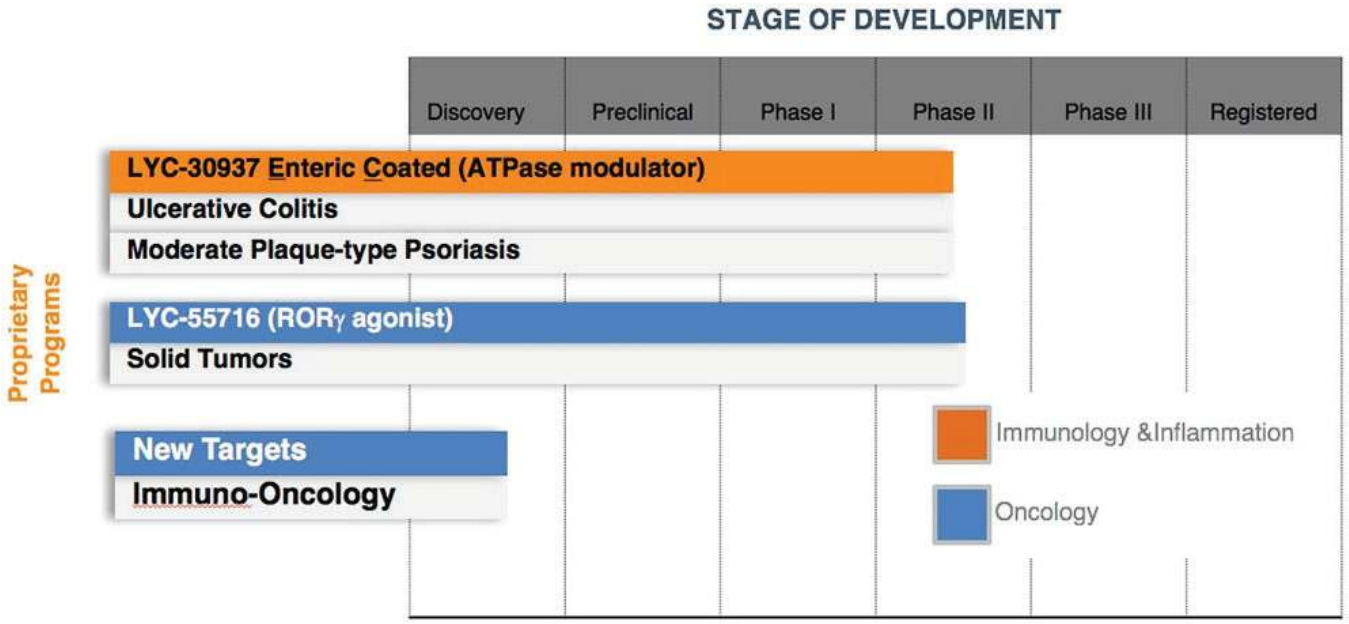
COMPANY PROFILE

Lycera is a private biopharmaceutical company developing novel oral immune modulators for the treatment of autoimmune diseases and cancer. Based on successful progress of its world-class R&D platform, Lycera has advanced two programs into clinical development. Lycera's most advanced wholly owned in cancer immunotherapy focuses on oral, selective ROR agonists. The retinoic acid-related orphan receptor-gamma t (ROR t) is a nuclear receptor transcription factor that acts as a immune cell master control switch driving the generation and function of Th17 (helper T-cells) and Tc17 (cytotoxic) immune cells. Lycera's clinical stage ROR agonist, LYC-55716, combines multiple anti-tumor mechanisms into a single therapeutic by modulating gene expression to reprogram immune cells for improved function, as well as decrease immunosuppressive mechanisms. LYC-55716 has completed Phase 1 single agent clinical studies, demonstrating a well tolerated profile, disease stabilization in a subset of patients as well as a confirmed partial response in a patient with advanced non-small cell lung cancer which did not respond to checkpoint inhibitor or combination chemotherapy. LYC-55716 is currently in a Phase 2a study with 6 cohorts of patients with advanced solid tumors as well as in a Phase 1b combination study in non-small cell lung cancer in combination with anti-PD-1. The company is also advancing a wholly owned, oral, gut- directed ATPase modulator, designated LYC-30937-EC, for the treatment of autoimmune disease. Additionally early stage research programs are focused on advancing differentiated oral small molecules for novel targets in immuno-oncology. Lycera has an exclusive strategic collaboration with Celgene Corporation to advance Lycera's proprietary pipeline for cancer and immune-mediated diseases.

MANAGEMENT TEAM

- Paul Sekhri - President and CEO
- Bruce A. Goldsmith, Ph.D., Ph.D., - Chief Operating Officer
- Alex G. Howarth - Chief Financial Officer
- H. Jeffrey Wilkins, M.D. - Chief Medical Officer
- Laura L. Carter, Ph.D. - Senior Vice President, Biology
- JoAnn Scatina, Ph.D. - Senior Vice President, Preclinical Development
- Peter L. Toogood, Ph.D. - Senior Vice President, Chemistry and Chemical Biology

PIPELINE



Madison Vaccines Inc.

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COMPANY TYPE

Private

SECTOR

Immuno-oncology,
Immunotherapies,
Active Immunotherapies,
Prostate Cancer,
DNA vaccines

FOUNDED

2012

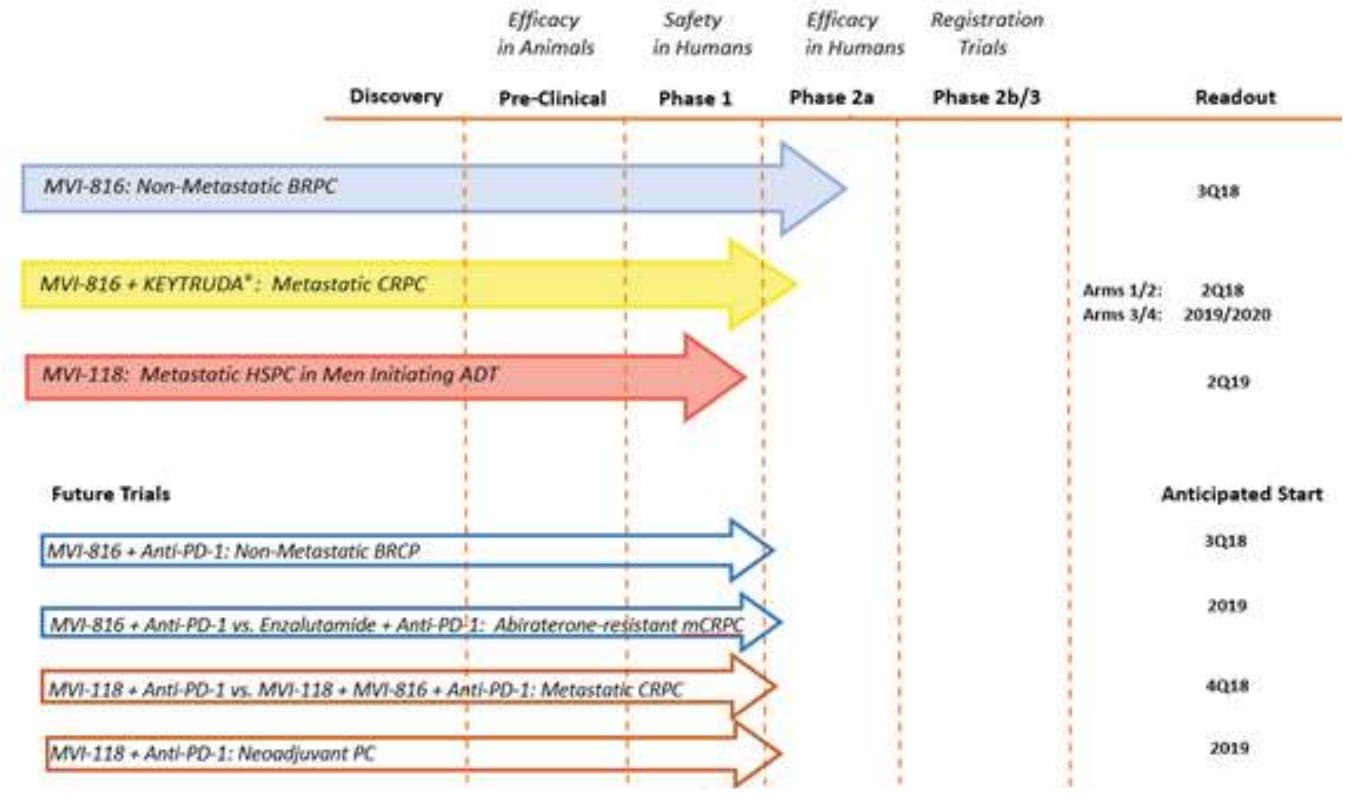
COMPANY PROFILE

MVI is a clinical stage biopharmaceutical company developing active immunotherapies as monotherapy and in combination with anti-PD-1, for men with all stages of prostate cancer (PC). MVI is currently completing three clinical trials, using two plasmid DNA vaccines encoding PAP (MVI-816) and the androgen receptor (MVI-118). These trials include a fully enrolled placebo-controlled Phase 2 trial in biochemically-recurrent, hormone-sensitive prostate cancer. A pilot Phase 1/2 trial of MVI-816 + Keytruda® has revealed positive clinical signals in metastatic, castrate-resistant PC, including PSA responses and radiographic tumour regressions in patients with MSI(-) disease. A Phase 1 trial of MVI-118, in men with mHSPC who were initiating ADT, is also fully enrolled. MVI DNA plasmids are stable, off-the-shelf therapies, manufactured at low cost, and delivered by simple intradermal injection. MVI active immunotherapies represent an affordable and reimbursable platform for combination with PD-1 blockade, a critical consideration for bringing the benefits of immunotherapy to men with prostate cancer in a cost-constrained US health care system. MVI has 4 new planned clinical trials for 2018 and 2019, and is seeking full collaborative partnerships and investors to enable major proof-of-concept trials.

MANAGEMENT TEAM

- Richard Lesniewski, PhD, President and CEO
- Douglas McNeel, MD, PhD, CMO

PIPELINE



Medicenna Therapeutics, Corp.

COMPANY PROFILE

Our most advanced program, MDNA55, specifically targets the Interleukin-4 Receptor (IL4R), which is over-expressed by at least 20 different types of cancer affecting more than one million new cancer patients every year. Medicenna's lead IL4-EC, MDNA55 is currently enrolling patients in a Phase 2b clinical trial for rGBM at leading brain cancer centres in the US. MDNA55 has completed 3 clinical trials in 72 patients, including 66 adults with rGBM, demonstrated compelling efficacy and obtained Fast-Track and Orphan Drug status from USFDA.

Unlike most other cancer therapies, Medicenna's IL4-ECs have the potential to purge both the tumor and the immunosuppressive tumor microenvironment (TME), offering a unique treatment paradigm for a large majority of cancer patients.

Our approach to treat brain and other aggressive cancers received strong validation by a recent award of a $14.1M non-dilutive grant from the Cancer Prevention and Research Institute of Texas (CPRIT).

The treatment plan for the MDNA55 clinical trial includes our IL4R targeted drug MDNA55, precision image-guided convection enhanced delivery (CED) and real-time monitoring of drug distribution to ensure optimal delivery of the drug.

Treatment involves direct one-time intra-tumoral infusion of MDNA55 using CED. Image guided CED provides intra-tumoral delivery with sub-millimeter precision and real-time monitoring ensures uniform distribution of MDNA55 into the brain tumor and its infiltrative edges. We believe that this personalized approach by-passes the blood brain barrier (BBB), avoids potential systemic side effects and has the potential to reduce the risk of tumor recurrence – problems that have continued to plague this difficult to treat disease.

In addition to brain cancers, the IL4R is a marker for highly aggressive forms of solid and blood tumors affecting more than a million new cancer patients every year. The IL4/IL4R bias is known to play a central role in the establishment of a robust immunosuppressive tumor micro-environment (TME), is expressed by cancer stem cells and is generally associated with poor survival outcomes. MDNA55 and Medicenna's next generation fully human IL4-EC platform (MDNA57) have the potential to mature into an important class of treatments addressing large unmet needs in oncology.

MANAGEMENT TEAM

- Elizabeth Williams - CPA, CA, Chief Financial Officer
- Martin Bexon - MD, Head of Clinical Development
- Rosemina Merchant - MESc, Chief Development Officer
- Shafique Fidai, PhD, Head of Discovery and Corporate Development

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COMPANY TYPE

Public

TICKER

[TSE: MDNA]

SECTOR

Immuno Oncology

FOUNDED

2012

Numab Therapeutics AG

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Switzerland

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COMPANY TYPE

Private

SECTOR

Antibody Therapeutics

FOUNDED

2011

COMPANY PROFILE

Numab is a biopharmaceutical company specializing in the discovery and development of next-generation bi- and multi-specific antibodies for the treatment of cancer and auto-immune diseases. Our trispecific lead immuno-oncology product ND021 targets all PDL1-positive tumors and has the potential for superior safety and efficacy when compared to first generation checkpoint modulators (such as PD1 blockers) and combinations thereof. ND021 combines two validated mechanism of action in one molecule and restricts its activity to the tumor microenvironment. Our plug-and-play platform substantially reduces the random nature of the discovery process to predictably yield ready-to-develop multispecific biotherapeutics.

MANAGEMENT TEAM

- David Urech - CSO & Co-CEO
- Oliver Middendorp - CBO & Co-CEO
- Peter Lichtlen - Chief Medical Officer
- Tea Gunde - Chief Research Officer
- Sebastian Meyer - Chief Operating Officer
- Roland Helfenstein - Chief Financial Officer

PIPELINE

OSE IMMUNO THERAPEUTICS

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COMPANY TYPE

Public

TICKER

[EPA:OSE]

SECTOR

Immuno-Oncology

FOUNDED

2012

OSE Immunotherapeutics

COMPANY PROFILE

OSE Immunotherapeutics (Nantes – ISIN : FR0012127173 ; Mnemo : OSE) was created in May 2016 through the merger of OSE Pharma, an immuno-oncology company developing specific immunotherapy activating T lymphocytes, and Effimune, a biotechnology company specializing in immune regulation with clinical applications in autoimmunity, transplantation and immuno-oncology.

OSE Immunotherapeutics is a biotechnology company dedicated to the development of innovative immunotherapies which act on effector and suppressor cells to stimulate or inhibit the body's immune response, and to restore immune disorders in the fields of immuno-oncology, autoimmune diseases and transplantation.

These new generation products are optimized to better target key receptors of the immune response's activation or regulation, thus allowing for longer therapeutic effects.

OSE Immunotherapeutics is specialized in the immune system regulation and activation technologies. The company relies upon its international and complementary team of experts involved in the research and optimisation of drug candidates, pharmaceutical development and drug registration.

The company's strategy is based on the development of a balanced product portfolio with a diversified risk profile, and innovative drug candidates in immuno-oncology, autoimmune diseases and transplantation.

OSE Immunotherapeutics is managed by an experienced and well recognised team of health professionals, including the co-founders of both OSE Pharma and Effimune.

At present, OSE Immunotherapeutics has approximately 30 collaborators, full time employees and specialist consultants, all supported by international experts in immunology. Our high-level team is committed to optimizing R&D and progressing the clinical development of the company's programs in immune regulation and activation to advance the projects towards the last clinical phase before registration.

The company is listed on Euronext Paris. The Head Office is located in Nantes (22, boulevard Benoni Goullin, 44200 Nantes), with teams based in Nantes and Paris (Pépinière Paris Santé Biotech, 29, rue du Faubourg Saint-Jacques, 75014 Paris).

MANAGEMENT TEAM

- Alexis Peyroles - Chief Executive Officer
- Dominique Costantini - Chairman and Director of Early Development
- Maryvonne Hiance - Vice Chairman
- Bernard Vanhove - Chief Operating Officer, Director of R&D and International Scientific Collaborations

Selecta Biosciences, Inc.

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COMPANY TYPE

Public

TICKER

[NASDAQ:SELB]

SECTOR

Biologic Therapies

FOUNDED

2007

COMPANY PROFILE

Selecta Biosciences, Inc. is a clinical-stage biopharmaceutical company that is focused on unlocking the full potential of biologic therapies by avoiding unwanted immune responses. Selecta plans to combine its tolerogenic Synthetic Vaccine Particles (SVP™) to a range of biologics for rare and serious diseases that require new treatment options. The company's current proprietary pipeline includes SVP-enabled enzyme, oncology and gene therapies. SEL-212, the company's lead candidate in Phase 2, is being developed to treat severe gout patients and resolve their debilitating symptoms, including flares and gouty arthritis. Selecta's SEL-403 product candidate, a combination therapy consisting of SVP-Rapamycin and LMB-100, recently entered a Phase 1 trial in 2018 for the treatment of patients with malignant pleural or peritoneal mesothelioma. Selecta's proprietary gene therapy product candidates are being developed for rare inborn errors of metabolism and have the potential to enable repeat administration. The use of SVP also holds potential in the development of vaccines and treatments for allergies and autoimmune diseases. Selecta is based in Watertown, Massachusetts.

MANAGEMENT TEAM

- Werner Cautreels, Ph.D. - President and CEO
- Lloyd Johnston, Ph.D. - Chief Operating Officer and Senior Vice President, Research and Development
- Takashi Kei Kishimoto, Ph.D. - Chief Scientific Officer
- David Abraham, J.D. - General Counsel, Chief Compliance Officer and Corporate Secretary
- Earl Sands, M.D. - Chief Medical Officer
- John Leaman, M.D. - Chief Financial Officer and Head of Corporate Strategy
- Stephen Smolinski - Chief Commercial Officer
- Dmitry Ovchinnikov, Ph.D. - Managing Director, SelectaRUS, LLC

PIPELINE

Selecta is developing a range of product candidates for patients with rare and serious diseases that utilize SVP-Rapamycin, the company's proprietary immune tolerance agent, to prevent the formation of ADAs that might otherwise compromise the medication's efficacy and safety.

Selvita S.A.

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COMPANY TYPE

Public

TICKER

[WSE:SLV]

SECTOR

Oncology,
Immuno-Oncology,
Immuno-Metabolism

FOUNDED

2007

COMPANY PROFILE

Selvita is one of the largest drug discovery companies in Europe. The company has two primary focus areas: to serve the drug discovery market as a customer centric provider of high quality, integrated drug discovery services, and as a drug discovery company engaged in the research and development of breakthrough therapies in oncology.

Selvita is headquartered in Krakow, Poland, with a second research site in Poznan, Poland and foreign offices located in Cambridge, MA and San Francisco Bay Area, in the US, as well as in Cambridge, UK. Selvita employs over 460 people including 150 with PhD.

Selvita's internal R&D department focuses on oncology. The company's most advanced R&D program is SEL24, a dual PIM/FLT3 kinase inhibitor, which has entered the clinic in March 2017, and was subsequently licensed to Menarini Group.

The second most advanced program is SEL120, a first-in-class small molecule inhibitor of CDK8 with potential use in hematological malignancies, colorectal cancer and breast cancer is currently developed in partnership with The Leukemia and Lymphoma Society.

Selvita Early Discovery programs include: Immunooncology platform, Epigenetic platform, program targeting metabolic abnormalities in cancer, as well as an early discovery stage programs in the area of protein kinases.

The company has alliances and partnerships with more than fifty large and medium-sized pharmaceutical and biotechnology companies from USA and Europe, including R&D partnerships with Merck, H3 Biomedicine, Nodthera Therapeutics, as well as Menarini Group and The Leukemia and Lymphoma Society.

MANAGEMENT TEAM

- Paweł Przewiźlikowski – Chief Executive Officer
- Krzysztof Brzózka – Executive Vice President, Chief Scientific Officer
- Bogusław Sieczkowski – Executive Vice President, Chief Operating Officer
- Steffen Heeger – Chief Medical Officer
- Mirosława Zydroń – Member of the Management Board, Director of Chemistry Department
- Miłosz Gruca – Member of the Management Board, Director of Biology Department
- Edyta Jaworska – Member of the Management Board

PIPELINE

TapImmune, Inc.

COMPANY PROFILE

TapImmune Inc. is a leader in the development of novel immunotherapies for cancer, with multiple Phase 2 and Phase 1b/2 clinical studies currently ongoing for the treatment of ovarian and breast cancer. The company's peptide- or nucleic acid-based immunotherapeutic products comprise multiple naturally processed epitopes (NPEs) designed to comprehensively stimulate a patient's killer T-cells and helper T-cells, and to restore or further augment antigen presentation by using proprietary nucleic acid-based expression systems. This unique approach can produce off-the-shelf T-cell vaccine candidates that elicit a broad-based T-cell response and can be given without respect to HLA type. The company's technologies may be used as stand-alone medications or in combination with other treatment modalities.

TapImmune is advancing two clinical stage T-cell vaccine candidates in multiple Phase II and Phase Ib/IIa clinical trials for treating ovarian and breast cancers, including programs in ovarian cancer that will benefit from FDA Fast Track and Orphan Disease Designation. The company is working in collaboration with industry and clinical leaders including Mayo Clinic, Memorial Sloan Kettering Cancer Center, and AstraZeneca.

MANAGEMENT TEAM

- Peter L. Hoang - President & CEO
- Glynn Wilson Ph.D - Chairman & Strategic Advisor
- Richard Kenney, MD, FACP - Acting Chief Medical Officer
- Michael J. Loiacono - CFO
- Robert Z. Florkiewicz - Sr. Director of Molecular Biology & Virology
- Elizabeth Donnelly - Director of Administration

ADDRESS

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COMPANY TYPE

Public

TICKER

[OTCBB:TPIV]

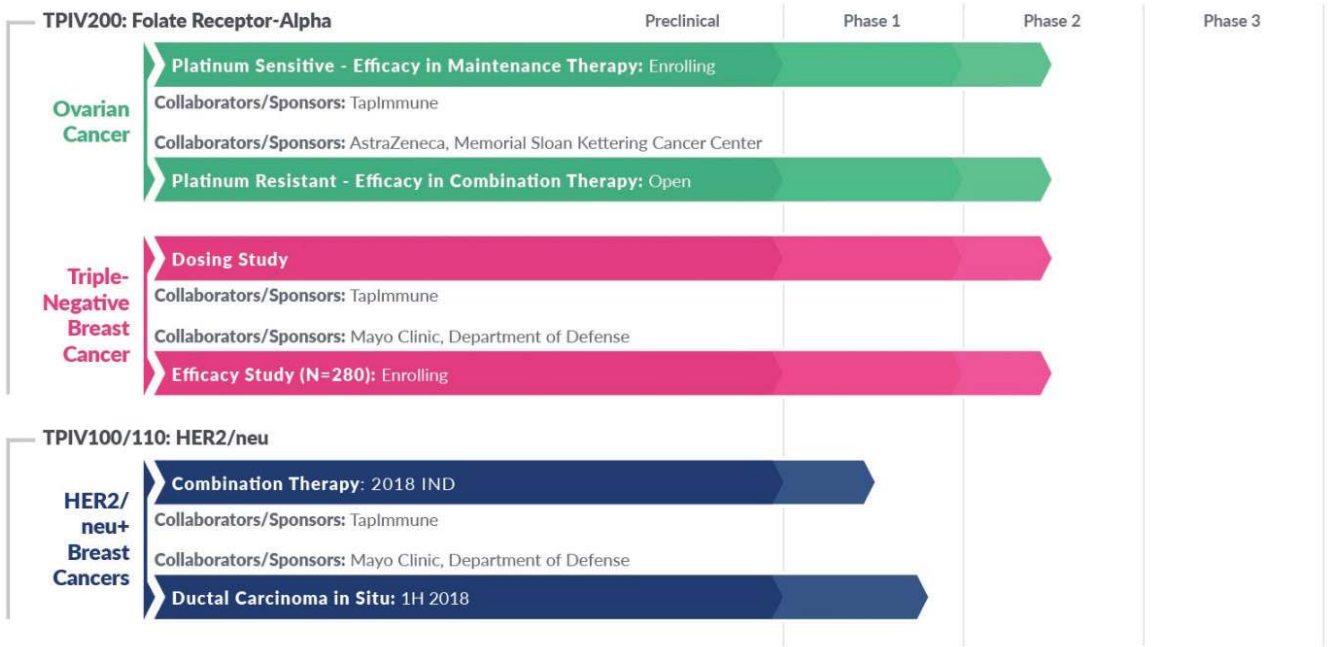
SECTOR

Immuno-Oncology

FOUNDED

1999

FDA/Pipeline



Triumvira Immunologics, Inc.

COMPANY PROFILE

Triumvira Immunologics, Inc. is a preclinical-stage immunotherapy company developing an expanding pipeline of novel T cell therapies for solid and liquid cancers. Triumvira's T cell therapies are based on the company's proprietary T cell Antigen Coupler (TAC) technology poised to deliver safer and more efficacious therapies than current cancer treatments such as chimeric antigen receptor (CAR) and engineered T cell receptor (TCR) therapies. Grounded in a deep understanding of immunology and drug development, our international team is committed to initiating clinical testing of its lead therapeutic candidate CD19-TAC01in lymphoma patients in early 2019 followed by two candidates to treat solid tumors.

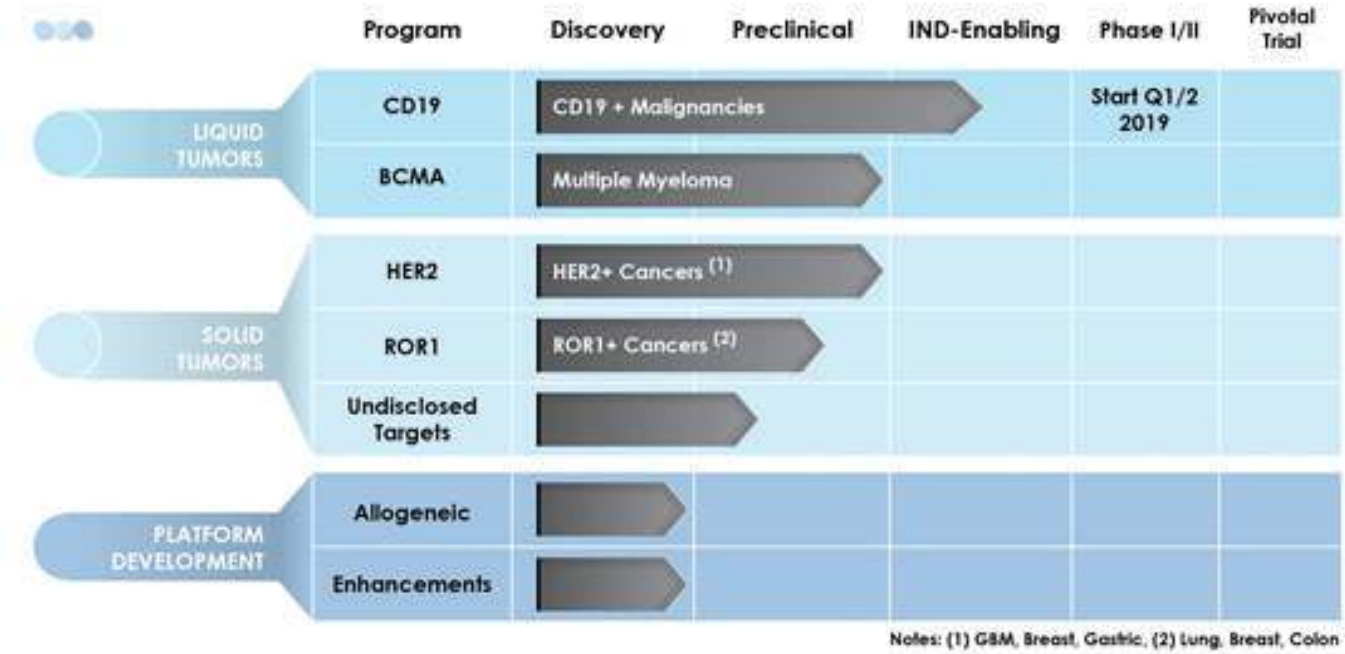
Triumvira is led by Dr. Paul Lammers, CEO & President, and an experienced management team with operational, clinic and product development expertise. Spanning the United States and Canada, our headquarters are in Austin, Texas, and our research facilities are in Hamilton, Ontario.

For more information, contact Partners@Triumvira.com

MANAGEMENT TEAM

- Paul Lammers, MD, MSc, - President and Chief Executive Officer
- Jonathan Bramson, PhD. - Chief Scientific Officer
- Sabine Chlosta - MD, PhD. - Chief Medical Officer
- Donna Rill - CTO
- Jon Irvin - Vice President, Finance

PIPELINE



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COMPANY TYPE

Private

SECTOR

Immuno-Oncology,
Immuno-Therapies,
gene therapies,
T cell Therapies

FOUNDED

2015

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COMPANY TYPE

Private

SECTOR

Immuno-Therapies

FOUNDED

2013

VLP Therapeutics

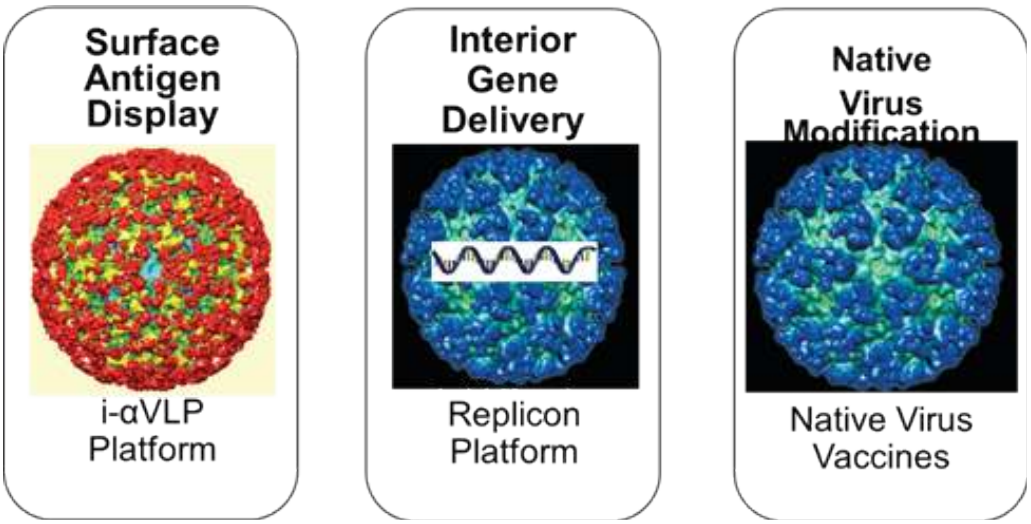
COMPANY PROFILE

VLP Therapeutics was established in 2013 with a mission to create next-generation virus-like particles to transform traditional vaccine therapies. We are focusing on cancer and infectious disease vaccines. VLP Therapeutics modifies viruses to target cells in two ways: 1) delivery of substantial antigen on the surface of the virus; and 2) direct insertion of genetic material inside the virus. Our virus-like particles have proven to be highly immunogenic in multiple animal models and we anticipate being in a human trial in 2018. The company is headquartered in Gaithersburg, Maryland.

MANAGEMENT TEAM

- Dr. Wataru Akahata, Ph.D., Co-Founder, CEO and CSO
- Jacob Licht, COO
- George Moonsammy, MA, PhD., Director, Clinical & Regulatory Affairs

PIPELINE



Platform	Indication	Discovery	Preclinical	Clinical
i-αVLP	Malaria	CSP surface protein		Phase I/2a in 2018
	Cancer	Immune checkpoints		
		Viral Antigens		
	Alzheimer's	Immune protein	outlicensed to CynK, 2016	
Non-platform	Zika	VLP		
	Dengue	VLP (Serotypes 1-4)		