

Syncona Corporate presentation

January 2021

synconaltd.com

Image Freeline labs, Stevenage

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Strategy and vision

Building the next generation of healthcare leaders

Our purpose is to invest to extend and enhance human life

Globally significant scientific research base

Leverage the quality of the European life science research base

Focus on products and patients

Select technology that can:

- deliver dramatic efficacy
 for patients
- credibly be taken to approval by an innovative biotech

Founding companies with strategic ownership

Invest through company life cycle to maintain significant ownership positions, enabling:

- strategic influence; leveraging expertise in Syncona team
- participation in the out return available from taking products to approval

Long-term, ambitious capital

Fund ambitiously over time frames necessary to develop innovative medicines

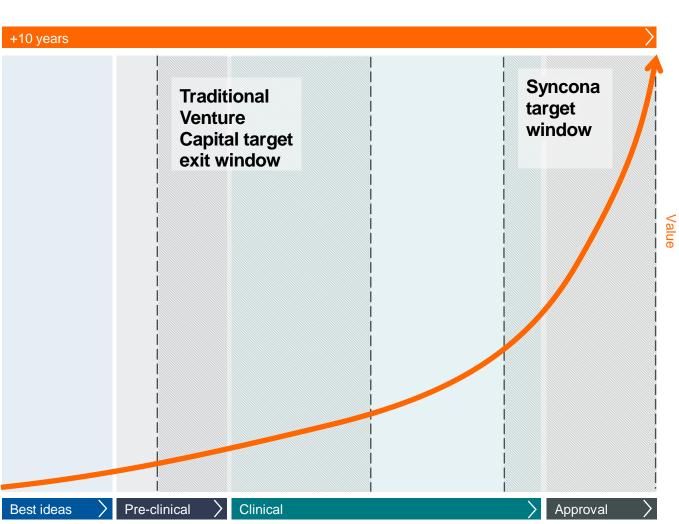


Capturing the out return in life science

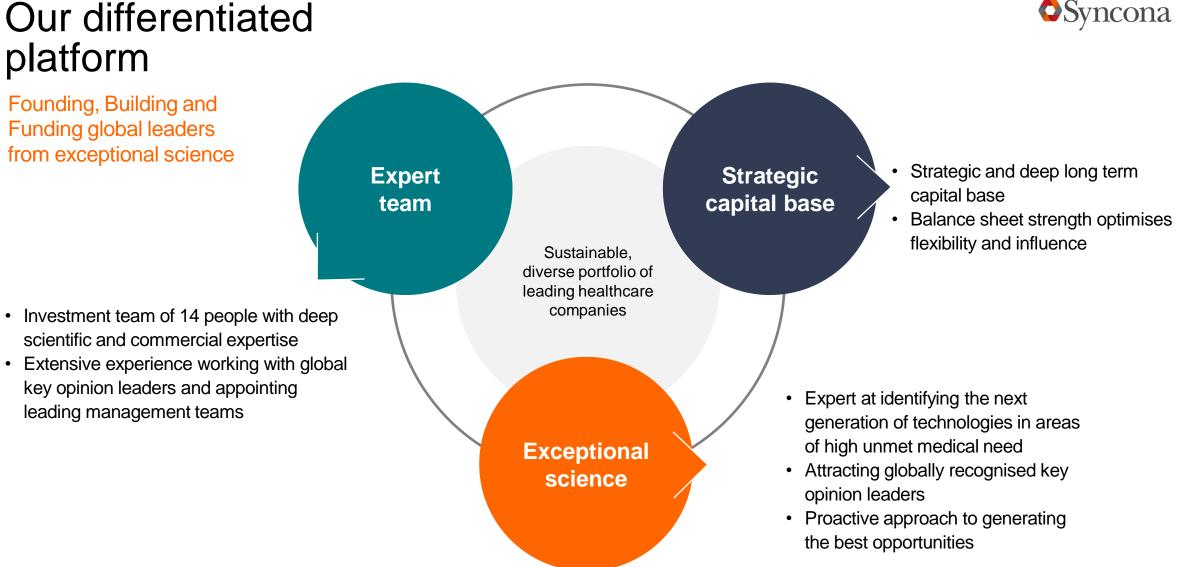
Strategy designed to deliver strong risk adjusted returns for shareholders

Out return in life science weighted towards late development and product approval:

- Set companies up with the ambition of taking products to market
- Target the steepest part of the value curve



OSyncona



Delivering value through biotech company creation

Building sustainable companies and delivering transformational outcomes for patients



Unless stated all data at 30 September 2020

1 Including dividends from Blue Earth

2 Including Purespring (announced November 2020)

3 https://autolus.gcs-web.com/static-files/f38a593a-a058-4c77-a9ea-ce24e7c70a85



Market Context

The promise of precision medicine

Enables faster development, smaller, more capital efficient clinical trials and targeted commercial roll-out

- Traditional drug development can lead to ineffective drug development; it assumes all patients respond similarly
- Precision medicine can enable more effective therapies; genetics revolution has enabled greater insight into choosing low risk targets and selecting patients that will respond
- Many chronic diseases impacting millions of patients have genetic sub-drivers, permitting targeted drug development



30-60%

A traditional drug may only be 30-60% effective*

3x

Medicines targeted at defined patient groups 3x more likely to succeed than conventional drugs**

+50% Trials initiated in 2018 using some form of genetic based selection***

Third Wave therapies have strong momentum

Syncona has established a leadership position in gene and cell therapy

"First Wave"

1950's Small Molecule drugs, dominated by large pharmaceutical companies.

"Second Wave"

1990's Large Molecule (antibody therapies, enzyme replacement therapies).

The "Third Wave"

Today

Advanced Biologics and genetic medicines such as gene therapy and cell therapy and DNA/RNA medicines.

1()k

monogenic diseases, less

than 50 with treatments

'Third Wave' therapies approved in the US

'Third Wave' programmes taken into the clinic by

Syncona founded companies

Of Syncona's companies in Third Wave¹

8/1()

+85% 2014 Of Syncona total capital invested in Third Wave companies

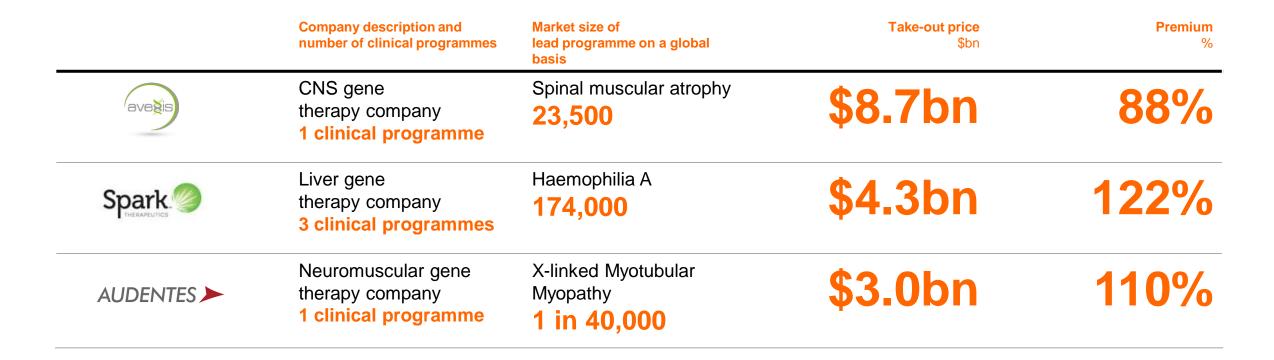
Syncona's first Third Wave company founded

Unless stated figures as at 30 September 2020 1 As at 31 December 2020



Third Wave commercial context

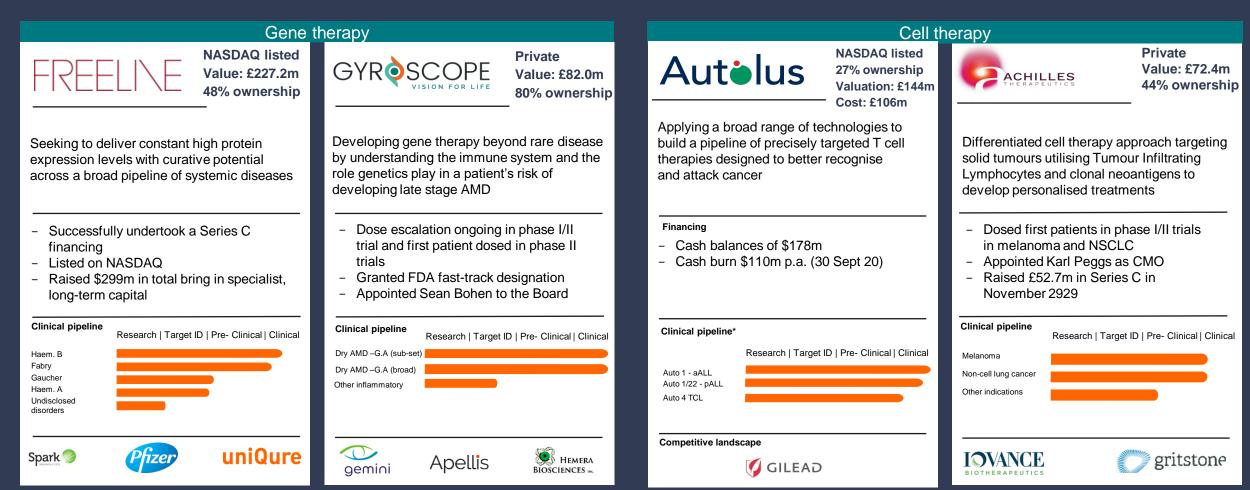
Platforms attract premiums





Syncona portfolio

Strong clinical and financial progress Clinical trials across the portfolio are continuing where possible



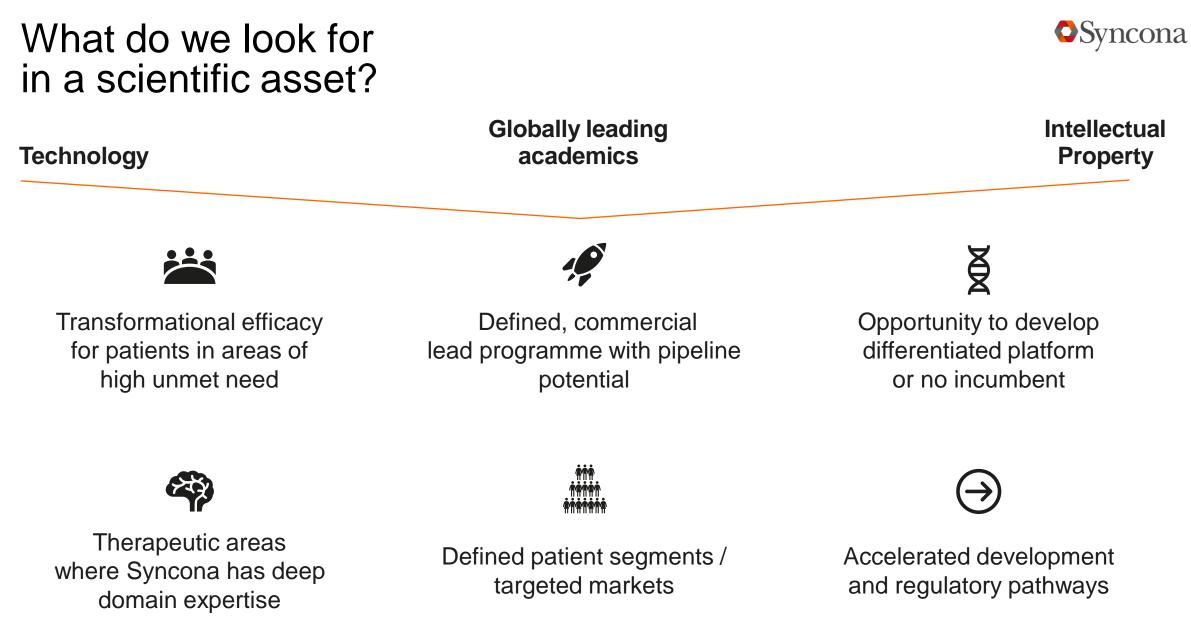
Syncona

Momentum building in preclinical companies Building out management teams and manufacturing capabilities; making strides towards the clinic



Company	Focus	Value	Operational progress	Clinical progress	Competitors
	Cell therapy	£19.9m	Team build outManufacturing build out	Clinical candidate nominationPipeline development (neuroinflammation)	Sangamet 🕼 cell
neogene	Cell therapy	£11.8m	 Series A financing of \$110 million Appointment of Franz Humer as Chair 	 Pre-clinical development 	pact
() RTx	Cell therapy	£1.8m	- Series A financing of £26.8m	 Pre-clinical development 	Resolution with first mover advantage
SwanBio Therapeutics	Gene therapy	£33.0m	 Team build out Continuing to develop a scalable manufacturing process for commercial supply Completed engineering run of its product 	 Pre-clinical development continues with lead programme Made strong progress in its clinical trial design Developing pipeline indications 	Passage Bio Prevail
ΛΝ _Λ νεον	Biologics	£12.4m	 Continued team build out Expanding operations 	 Clinical candidate nomination 	NEKTAR synth@rx
Purespring	Gene therapy	£3.9m	Series A financing of £45.0mRichard Francis appointed CEO	 Pre-clinical development 	Purespring with first mover advantage
VOMASS	Small molecule	£14.6m	 Continue to recruit senior leadership team 	 Progressing a pipeline of small molecule targets 	N/A 14

Found and Build



Focus on founding companies

Optimises strategy, control, ownership and returns

Strategy: ensure company targets products that can credibly be taken to approval / market

Influence: sole or majority investor position maximises ability to influence company, especially in crucial early years when strategy and management are set

Ownership and returns: aim for best cost basis of any investor, supporting opportunity to deliver best returns for shareholders

Company	Founded by Syncona	Syncona majority ownership position
Autelus		Largest investor (27%)
FREELINE		Largest investor (48%)
CACHILLES THE RAPEUTICS		Largest investor (34%)
SwanBio THERAPEUTICS		
OMass	OSI (seed)	Largest investor (49%)
AN ^V EON	UZH Fund (seed)	
RTx		
Purespring	\checkmark	

Syncona

Our approach to company creation and development

Translating technology to products to reach full value potential

Our partnership approach provides a strategic premium

Identify area of compelling new science / technology

Approach key opinion leaders in the space

Work with key opinion leaders to leverage their differentiated scientific insight into commercial vision

9-12 months of diligence: define commercial opportunity and write plan

Found company and provide capital over the long term to maintain strategic ownership position

Build out team with globally leading executives

Actively drive business strategy – take operational roles and Board seats across portfolio

Hands-on build out: scaling our companies for success



Sourcing technology in growing areas has led to multiple Syncona companies and investments



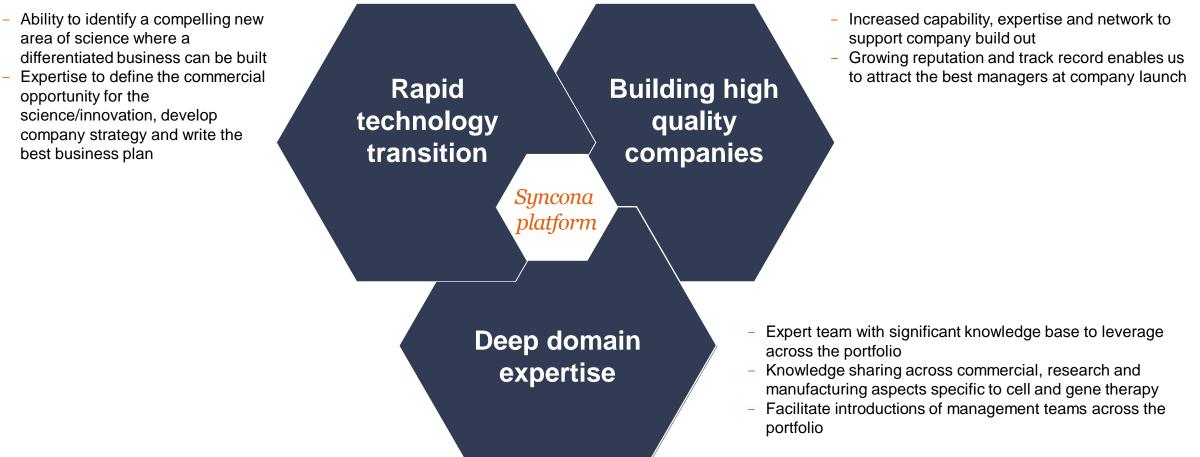


The strength of our platform and the depth of our diligence allows us to identify new areas where there is the potential to found multiple companies

Syncona platform: a growing competitive advantage



Platform enables rapid translation of basic scientific research into companies with the potential to be global leaders



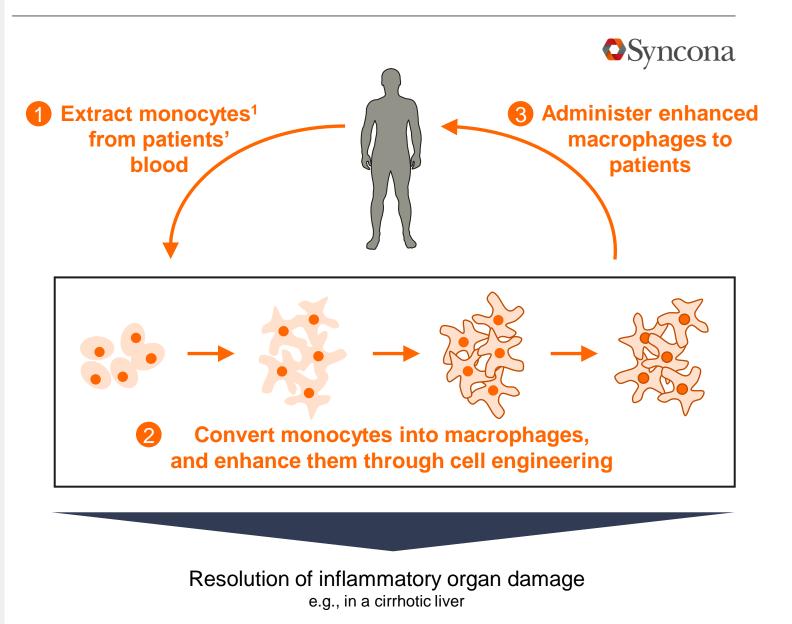
Resolution: harnessing the healing properties of macrophages

Macrophage cells are a key immune cell type

Based on the research of Prof. Stuart Forbes and Prof. John Campbell from the University of Edinburgh

Built over a 3-year partnership between Syncona and the University:

- Research Collaboration launched in Jan 2018 to develop the technology further
- Series A commitment of £26.8m from Syncona
- Vision to develop an autologous macrophage cell therapy for treatment of liver cirrhosis
- Syncona partners Ed Hodgkin and Gonzalo Garcia to become CEO and Chief of Staff respectively



Purespring: one of the first kidney AAV gene therapy companies

New Syncona company in area of deep domain expertise



Foundation of one of the first AAV gene therapy company's globally to target the kidney





Balance sheet strength is strategic and a key differentiator

Life science companies requires significant capital as they scale

Syncona capital base



to fund growing life science portfolio and found new companies

£150m-250m FY 2021 capital deployment

based on further investment in our existing portfolio and the opportunities we see in our investment pipeline Strong capital base is central to delivery of strategy and provides competitive advantage

- Founding investors have the best ability to set strategy
- Life science companies require significant capital as they scale; ability to maintain influence through financing rounds essential
- Balance sheet strength provides best negotiating position for external financing rounds or M&A
- Capital to execute ambitious vision optimises ability to attract the best academics, founders, managers and partners

Disciplined approach

- Each financing dependent on company specifics (scale of opportunity, risk, capital requirement) and size of Syncona's balance sheet
- Funding commitments tranched and based on milestone delivery



Financial performance

Financial review

NAV of £1,366.7m, 203.4p; capital pool of £700.1m

NAV increase of 9.6% in the six months to **30 September 2020**

- Life science portfolio valued at £666.6m, a return of 24.8% in six months:
 - Performance driven by the increase in the Autolus share price and the write-up of Freeline in its recent Series C financing and IPO
 - Azeria closed resulting in a write off of £4.5m
- Capital base of £700.1m; £68.9m of capital deployed in the six months
- Post period end:
 - £42.9m capital deployed
 - £10.7m write up of Achilles following its £52.7m Series C financing; Syncona retains a 34% holding

- Clinical stage
- Pre-clinical stage
- Drug discovery





*Percentage holdings reflect Syncona's ownership stake at the point full current commitments are invested 26 **Cost indicates that the fair value has been determined to be equal to the total funding invested by Syncona

Outlook and summary

Portfolio company outlook Strong momentum in the portfolio with near term catalysts



Company	Status of pipelines	Next steps
Autelus	Four programmes in clinical trials	 Progress on AUTO1 pivotal trial Initial data in Phase I/2 AUTO4 and AUTO1/22 programmes CY2021
FREELINE	Two lead programmes in Phase I/II clinical trials, pipeline of preclinical programmes	 Initiate pivotal study in haemophilia B in CY2021 Dose its next patient in its second programme in Fabry's when its safe to do so
GYROSCOPE VISION FOR LIFE	Lead programme completed dose escalation in Phase I/II trial and initiation of Phase II trial	 Initial data from its lead phase I/II trial targeting dry AMD FY2021
ACHILLES	Two lead programmes in Phase I/II trials	 Report initial data in H1 CY2021 from its melanoma and NSCLC studies
	Lead programme in pre clinical development	 Complete first clinical manufacturing batch in this financial year. Expand leadership team
OMass	Seeking to build pipeline of therapeutics	 Initiation of pre-clinical development of lead programme
ANAVEON	Nominated clinical candidate in lead programme	 Initiation of phase I/II clinical trial FY2022
	Nominated clinical candidate in lead programme	 Initiation of phase I/II clinical trial FY2022
RTx	Pre-clinical development of lead programme	 Company and leadership team build out
Purespring	Pre-clinical development of lead programme	 Company and leadership team build out

Building a sustainable, scalable model

Delivering strong risk-adjusted returns for shareholders



Current portfoli	io: 2012-21		Rolling 10 year targets
Autolus Cachilles SwanBio	Quell _X ANA ^V EON GYROSCOPE	10 High quality portfolio of leading life science companies	15-20 High quality portfolio of leading life science companies
YOMASS THERAPEUTICS FREELINE Provious portf	Olio companies	15 Portfolio companies to date	2-3 New companies p.a.
nightstar, Blue Earth	£592.6m proceeds from exits Aggregate 6.2x multiple ¹	1 Product delivered to patients	3-5 Companies to approval, accessing the steepest part of the life science value curve

Appendix

An expert multidisciplinary team

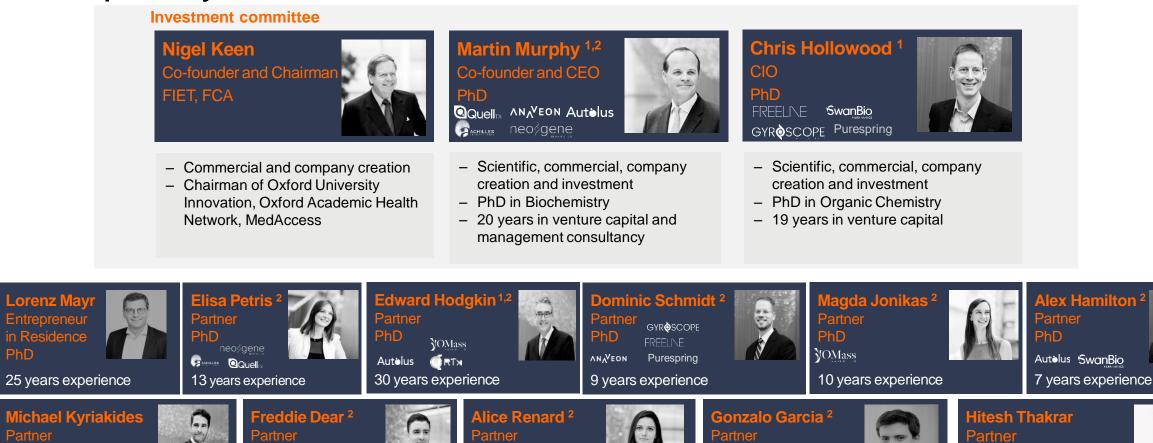
Our unique skill set



A Scientific 🗑 Commercial 🗎 Company creation 🖉 Investment

RTX

2 years experience



hD

ΛΝ_Λ^VΕΟΝ

5 years experience

4 years experience

PhD

PhD

GYROSCOPE FREELINE

5 years experience

3Chem

27 years experience

Executing a differentiated strategy

Found

Proactively source globally competitive science, leveraging UK opportunity

Focus on products that move the needle for patients; dramatic efficacy in areas of high unmet need

Select products an SME can credibly take to market

Build

Leverage expertise and track record using Syncona resource to drive success

Take long term decisions consistent with a company taking product to market independently

Attract the best global talent

Fund

Scale ambitiously, maintain significant ownership positions to product approval; option to fund to market

Ownership position provides strategic influence; flexibility and control

Balance sheet protects against risk of being a forced seller 2-3 new portfolio

10 year targets

OSyncona

2-3 new portfolio companies p.a.



Build a sustainable portfolio of 15-20 companies

3-5 companies to approval

An expert team with the skill set, track record and strategic capital base to build a sustainable, diverse high quality portfolio

The Syncona Foundation

Supporting excellent charities that are meeting pressing needs within society, particularly those that are related to healthcare systems

Focused on cancer, neuro-degenerative diseases, gene therapy. Alongside other health and society related areas including mental health, bereavement and diversity

"The Syncona Foundation has been critical in equipping us with the ability to respond to emergencies. By allowing us to use donations flexibly, our frontline services have been able to respond quickly and effectively to the pandemic."

Marie Curie



Charities donated to in 2020

0.35%

of Syncona's NAV donated on an annual basis

Alzheimen's Research UK	Althemene Soverty		BowelCancer
	butterfly	CANCER RESEARCH UR	Child Bereavement UK
cureleukaemia	Dawid Nott FOUNDATION	downside	COMONT TRUST
POINT FOR SOUT		The Institute of Center Research	John Warman Sudar Summa States Annual
JDRF	Macular Society Let's Beat Mocular Disease	MAGGIES	
NSPCC	Grand Grand Hereid Cherry	The ROVAL MARSDEN Concer Charity	Scope About discibility
EUPPORTING 	ssafa the forces	- second for the second	

Autolus Therapeutics

Applying a broad range of technologies to build a pipeline of precisely targeted T cell therapies designed to better recognise and attack cancer

1
2014
2014
NASDAQ
Clinical
£106.0m
300+

Competitor Landscape

GILEAD

Key risks_A

- Highly competitive environment
- Differentiated product requirement
- Complex manufacturing

Clinical pipeline**



Key management team

Christian Itin, Chief Executive (formerly CEO of Micromet)
Martin Pule, Founder and Chief Scientific Officer
David Brochu, Chief Technical Officer (formerly VP of Technical Operations at Kedrion SpA)

Founders

Martin Pule, Clinical Senior Lecturer in the Dept. of Haematology at UCL Cancer Institute and Honorary Consultant in Haematology at University College London Hospital



Investment thesis

- No CAR-T therapy approved for adult ALL for patients
- AUTO1 targets a differentiated safety profile (reduce high grade CRS⁵) and improved persistence to address limitations of current T cell therapies

Unmet medical need

 In lead programme of AUTO1, only 30-40% of patients with Adult ALL achieve long term remission with combination chemotherapy, the current standard of care*

Market opportunity

 3,000 patients p.a. in lead programme of Adult Acute Lymphoblastic Leukaemia^{*} (estimated new patients diagnosed per annum)

For more information see https://www.autolus.com/aboutus/executive-team

Unless stated all data at 30 September 2020

* Source; Autolus Corporate Presentation January 2019

** Clinical pipeline updated to reflect the announcement by Autolus on 6 Jan 2021 that it intends to partner its AUTO 3 programme in DLBCL. Autolus is also running two extension clinical trials in AUTO1, one in Non-Hodgkin Lymphoma and one in Primary CNS Lymphoma

Freeline Therapeutics

Clinical-stage, fully integrated, next generation, systemic AAV gene therapy company

Board Seat	1 (Chair)
Date of Founding	2015
Date of Syncona investment	2015
Valuation basis	NASDAQ
Stage	Clinical
Syncona capital invested	£167.7m
No. of employees	200+
Compatitor Landscapa	

Competitor Landscape



Key risks_A

- Highly innovative concept in emerging space

Clinical pipeline



Key management team

Theresa Heggie, Chief Executive (formerly Head of CEMEA at Alnylam Pharmaceuticals)

Julie Krop, Chief Medical Officer (formerly CMO at AMAG Pharmaceuticals)

Jan Thirkettle, Chief Development Officer (formerly led the establishment of GSK's cell and gene therapy platform) Professor Amit Nathwani, Founder and Clinical and Scientific Adviser. Prof. Nathwani is renowned for his pioneering work on gene therapy for hemophilia B, and was first to show successful correction of bleeding diathesis in patients with severe hemophilia B

Markus Hörer, Founder and Chief Technology Officer (over 30 years' experience working in AAV biology, as well as over 23 years' experience in industrial vaccine and biologics development)

Romuald Corbau, Chief Scientific Officer (formerly Translational Lead at Spark Therapeutics)

Founders

Professor Amit Nathwani, as above

Markus Horer, as above, brought the Rentschler manufacturing platform to Freeline

For more information see: https://www.freeline.life/about-us/our-

team/

Unless stated all data at 30 September 2020 *Source: Freeline Corporate Presentation January 2021



Investment thesis

- To deliver curative gene therapies that will transform patients' lives.
- Deliver therapies for a broad pipeline of systemic diseases which require the delivery of high protein expression levels

Unmet medical need

- Significant number of systemic diseases with genetic drivers which have poor or no treatment options
- Current standard of care in lead programme of Haemophilia B is Enzyme Replacement Therapy (ERT) (infusions of Factor IX (FIX) into the blood); requires regular administration, FIX activity does not remain stable

Market opportunity*

- 9,000 patient opportunity in lead programme in Haemophilia B
- 9,000 patient opportunity in Fabry's disease
- 6,000 patient opportunity in Gaucher's
- 38,000 patient opportunity in Haemophilia A

Gyroscope Therapeutics

Developing gene therapy beyond rare disease by understanding the immune system & the role genetics play in a patient's risk of developing late stage AMD

Board Seat	2 (inc. Chair)
Date of Founding	2016
Date of Syncona investment	2016
Valuation basis	Series B
Stage	Clinical
Syncona capital invested	£82.0m
No. of employees	100+
Competitor Landscape	

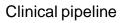
HEMERA

Competitor Landscape

gemini **BIOSCIENCES**

Key risks_A

Highly innovative concept in emerging space





Key management team

Khurem Farooq, Chief Executive (formerly SVP of Immunology and Ophthalmology at Genentech) Nadia Waheed, Chief Medical Officer (formerly Director of the Boston Image Reading Center and Consultant at the New England Eye Center, Tufts University School of Medicine) Jane Hughes, Chief Scientific Officer (formerly Senior Director of Integrated Drug Discovery at Charles River) Ian Pitfield, SVP, Technical Operations (formerly project leadership in GSK's cell and gene therapy CMC platform)

Founders

Peter Lachmann, Emeritus Sheila Joan Smith Professor of Immunology, University of Cambridge

David Kavanagh, Professor Of Complement Therapeutics at National Renal Complement Therapeutics Centre Andrew Lotery, Professor of Ophthalmology within Medicine at the University of Southampton

Scientific Advisory Board

Keith Peters, Peter Lachmann, David Kavanagh, Alberto Auricchio, Pete Coffey, Clare Harris, Robert Maclaren, Matthew Pickering, David Steel and Timothy Stout

For more information see: https://www.gyroscopetx.com/scientificadvisory-board/



Newcastle

Southampton

janssen

Seeking to take application of gene therapy beyond rare diseases

Svncona

Unmet medical need

 AMD is one of the leading causes of permanent vision impairment for people aged 65 and older with no approved treatments

Market opportunity*

Initial population of an estimated 3.5 million people in the US & EU5 with geographic atrophy, late stage dry AMD

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Achilles Therapeutics

Differentiated cell therapy approach targeting solid tumours utilising Tumour Infiltrating Lymphocytes and clonal neoantigens to develop personalised treatments

Board Seat	1	
Date of Founding	2016	
Date of Syncona investment	2016	
Valuation basis	Series B*	
Stage	Clinical	
Syncona capital invested	£49.0m	
No. of employees	100+	
Competitor Landscape		

0

Key risks_A

- Highly innovative concept in emerging space

gritstone INVANCE

- Complex manufacturing
- Increasing competition

Clinical pipeline



Key management team

Iraj Ali, Chief Executive (former Syncona Partner)
Karl Peggs, Founder and Chief Medical Officer
Sergio Quezada, Founder and Chief Scientific Officer
Edwin Moses, Chair (formerly CEO at Ablynx)

Founders

Karl Peggs, Professor of Transplant Science and Cancer
Immunotherapy at UCL Cancer Institute, Scientific Director of the NIHR
Blood and Transplant Research Unit for Stem Cells and
Immunotherapies, and Clinical and Scientific Director of the Sir Naim
Dangoor Centre for Cellular Immunotherapy at UCLH
Mark Lowdell, Director of the Centre for Cell, Gene & Tissue
Therapeutics at the Royal Free and Professor of Cell & Tissue Therapy
at UCL

Charles Swanton, Royal Society Napier Professor of Cancer and consultant thoracic oncologist at UCL Hospitals, Chief Clinician at Cancer Research UK (CRUK) and group Leader of the Cancer Evolution and Genome Instability laboratory at CRUK and the Francis Crick Institute

Sergio Quezada, Professor of Cancer Immunology and Immunotherapy at University College London Cancer Institute and CRUK senior research fellow

Scientific Advisory Board

Dr Elizabeth M. Jaffee, Dr Scott Antonia and Dr Christopher A. Klebanoff

For more information, please see https://achillestx.com/about-us

Unless stated all data at 30 September 2020 *In November 2020 Achilles completed a £52,7m Series C financing ** Achilles analysis



Investment thesis

- TIL's have shown convincing efficacy in solid tumours⁹
- Leveraging clonal neoantigens to develop patient specific immunotherapies and reduce risk of relapse

Unmet medical need

 Lung cancer has limited treatment options and is the leading cause of cancer deaths¹⁰

Market opportunity**

- 234,000 patient opportunity in nonsmall cell lung cancer
- In 2020, over 196,000 patients expected to be diagnosed with melanoma in the US

SwanBio Therapeutics

Developing leading-edge gene therapies to deliver dramatic clinical efficacy for the treatment of neurological diseases

Board Seat	2 (inc. Chair)
Date of Founding	2018
Date of Syncona investment	2018
Valuation basis	Series A
Stage	Pre-Clinical
Syncona capital invested	£33.6m
No. of employees	25+
Competitor Landscape	

11

PassageBio **Prevail**

Kev risks_A

- Challenging clinical endpoint
- Complex manufacturing

Key management team

Tom Anderson, Chief Executive (formerly Chief Commercial Strategy Officer at Sage Therapeutics)

Karen Kozarsky - Chief Scientific Officer (former President of Vector BioPartners)

Steven Zelenkofske - Chief Medical Officer (former Chief Medical Officer of Achillion Pharmaceuticals) Scott McMillan, Chief Technical Officer, (formerly Chief Executive Officer of Saliogen Inc.)

Founders

Florian Eichler, Director of the Leukodystrophy Service and of the Center for Rare Neurological Diseases at Massachusetts General Hospital and Associate Professor of Neurology, Harvard Medical School

Rachel Salzman, Former Chief Science Officer of The Stop ALD Foundation

Karen Kozarsky, (as above)

For more information see: https://www.swanbiotx.com/



Investment thesis

- Gene therapy has the potential be transformational in neurology¹⁴
- Lead programme targeting, AMN^{*}, an inherited neurodegenerative disease in which the causative gene is definitively known and well characterised
- One-off delivery mechanism and multiple tractable pipeline programmes

Unmet medical need

- Hundreds of single gene disorders with poor or not treatment options
- Lead programme targeting one of the most common monogenic neurological disorders for a severely debilitating progressive movement disorder, with no available therapies

Market opportunity**

AMN impacts 10,000-20,000 patients in the US and EU5

Quell Therapeutics

Engineered cell therapy company addressing immune dysregulation

Board Seat	2 (inc. Chair)
Date of Founding	2018
Date of Syncona investment	2018
Valuation basis	Series A
Stage	Pre-Clinical
Syncona capital invested	£19.9m
No. of employees	25+
Competitor Landscape	

SONOMA

Key risks_A

- Highly innovative concept in emerging space

Key management team

lain McGill, CEO (formerly on the Executive Committee and as Head of Europe and Rest of World for Jazz Pharmaceuticals) **Nathalie Belmonte**, SVP Research & Translation (formerly Chief Operating Officer at Promethera Biosciences

Luke Henry, VP Operations & Corporate Development (formerly Senior Director of Business Development & Strategy at Neon Therapeutics)

Bernd Schmidt, VP Product Delivery (formerly MPD Leader at GSK Stevenage with overall accountability for the CMC development, governance and end to end supply chain)

Founders

Giovanna Lombardi, Professor of Human Transplant Immunology at King's College London

Marc Martinez-Llodella, Senior Lecturer at King's College London **Alberto Sanchez-Fueyo**, Head of the Liver Sciences Department at King's College London

Hans Stauss, Director of the Institute of Immunity & Transplantation at UCL

Emma Morris, Professor of Clinical Cell and Gene Therapy at UCL **Elmar Jaeckel**, Co-Leader Liver Transplant program MHH and Group Leader Immune tolerance" in the Department of Gastroenterology, Hepatology and Endocrinology at Hannover Medical School.

For more information see: https://quell-tx.com/about/



Investment thesis

- Current standard of care for prevention of solid organ transplant rejection is life-long immunosuppression which results in an array of serious long-term side effects significantly impacting patient quality of life¹⁷
- Potential pipeline to treat serious, chronic conditions mediated by the immune system
- Potential to be first-in-class in CAR-Tegs; an early mover in the space

Unmet medical need

 First programme addressing solid organ transplant; current standard of care to prevent transplant rejection is life-long immunosuppression, resulting in long-term side effects which materially impact quality of life and long-term survival

Anaveon Therapeutics

Immuno-oncology company developing a selective IL-2 Receptor Agonist

Board Seat	2 (inc. Chair)
Date of Founding	2017
Date of Syncona investment	2018
Valuation basis	Series A
Stage	Pre-clinical
Syncona capital invested	£11.7m
No. of employees	5+
Compositor Landscapo	

Competitor Landscape

> synth@rx Alkermes NEKTAR

Key risks_A

Highly competitive environment

Investment thesis

- Developing a selective IL-2 agonist with improved administration and tox burden
- Wide potential utility across multiple oncology indications in wider Markets²³

Unmet medical need

 Human Interleukin 2 "IL-2" approved as a medicine for the treatment of metastatic melanoma and renal cancer, but with a frequent administration schedule and significant toxicity²²

For more information see: https://anaveon.com/board/

Key management team

development of Crovalimab)

Andreas Katapodis (as above)

Scientific Advisory Board

Founder

Andreas Katapodis, Chief Executive and Founder (former

group at the Novartis Institutes for BioMedical Research)

Christoph Huber, Chief Scientific Officer (previously held

Jane K. Osbourn, Wolf H. Fridman and Robert Hawkins

Director in the Autoimmunity, Transplantation & Inflammation

Christoph Bucher, Chief Medical Officers (Previously at Roche

pRED Immunology, where he led the transition to the late-stage

leadership positions at Roche, Pfizer and COI Pharmaceuticals)



OMass Therapeutics

Focused on structural mass spectrometry to discover novel medicines for immunological and genetic disorders

Board Seat	2 (inc. Chair)
Date of Founding	2017
Date of Syncona investment	2018
Valuation basis	Series A
Stage	Drug discovery
Syncona capital invested	£14.6m
No. of employees	25+

Key risks

- Pre-clinical and clinical attrition of potential drugs

Key management team

Rosamund Deegan, Chief Executive (former Chief Business Officer at Bicycle Therapeutics, where she established the company's Boston-based subsidiary)

Ali Jazayeri, Chief Scientific Officer (Previously Chief Technology Officer at Heptares)

Jonathan Hopper, VP of Platforms and Founder; worked with Carol Robinson on developing mass spectrometry

Founder

Professor Dame Carol Robinson, Founder and Scientific Adviser; recognised for using mass spectrometry to further research into the 3D structure of proteins and their complexes and is the first female Professor in Chemistry at the University of Cambridge

For more information see: https://omass.com/our-team/



Investment thesis

Opportunity to build a drug discovery platform employing a differentiated Modified Mass Spectrometry technology with the potential to yield high quality chemical hits to discover novel small molecule drug therapeutics for a variety of complex targets, including membrane receptors

- 1. Syncona investment team analysis of key risks facing the companies; the companies are subject to other known and unknown risks, uncertainties and other factors
- 2. Syncona investment team analysis of lead programmes in this area, indicative only
- 3. Source: Autolus _ see Autolus corporate presentation November 2019 https://autolus.gcs-web.com/static-files/cd8dc1d9-6a7b-496d-933f-1a3b0bfbd56a. Autolus project the addressable population at 3,000 patients US & EU5
- 4. Source: Autolus see Autolus corporate presentation November 2019 https://autolus.gcs-web.com/static-files/cd8dc1d9-6a7b-496d-933f-1a3b0bfbd56a
- 5. Cytokine Release Syndrome
- 6. Source: Autolus see Autolus corporate presentation November 2019 https://autolus.gcs-web.com/static-files/cd8dc1d9-6a7b-496d-933f-1a3b0bfbd56a
- 7. https://www.gilead.com/science-and-medicine/pipeline
- 8. Source: Freeline analysis of prevalence in US and EU5. Analysis is based on World Federation of Haemophilia Global Annual Survey 2017 http://www1.wfh.org/publications/files/pdf-1714.pdf and National Haemophilia Foundation; CDC.
- 9. https://sparktx.com/scientific-platform-programs/
- 10. http://www.uniqure.com/gene-therapy/hemophilia.php
- 11. Source: Gyroscope estimate. Age related macular degeneration, of which one type is dry AMD, is estimated to affect 195.6 million people globally (<u>https://www.who.int/publications-detail/world-report-on-vision</u>). Gyroscope's estimate is that there is a population of 2 million people in the US & EU5 with geographic atrophy, which is late stage dry AMD.
- 12. Source: WHO https://www.who.int/blindness/causes/priority/en/index7.html
- 13. https://www.apellis.com/focus-pipeline.html
- 14. https://www.geminitherapeutics.com/approach-progress/
- 15. https://www.hemerabiosciences.com/clinical-trials/
- 16. Source: Achilles calculation of US and UK prevalence. There are 275,000 new cases of lung cancer in US and UK each year, of which 85% are estimated to be NSCLC. US: 228,150 <u>https://seer.cancer.gov/statfacts/html/lungb.html</u>; UK: 47,235 <u>https://www.cancerresearchuk.org/health-professional/cancer-statistics/statistics-by-cancer-type/lung-cancer/incidence</u>.
- 17. Source: American Cancer Society https://www.cancer.org/cancer/small-cell-lung-cancer/about/key-statistics.html
- 18. Source: American Cancer Society https://www.cancer.org/cancer/lung-cancer/about/key-statistics.html
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- 20. https://www.iovance.com/clinical/pipeline/
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- 23. See for example existing approved product Zolgensma for spinal muscular atrophy https://www.zolgensma.com/
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