UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 OR 15d-16 UNDER THE SECURITIES EXCHANGE ACT OF 1934

For the month of January 2021

Commission File Number: 001-38764

Aptorum Group Limited

17 Hanover Square London W1S 1BN, United Kingdom (Address of principal executive office)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F:

Form 20-F ⊠ Form 40-F □

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

We are filing this report to disclose a power point presentation the Company will use during corporate presentations; such power point presentation is incorporated herein by reference.

Neither this report nor the power point presentation attached as an exhibit hereto constitutes an offer to sell, or the solicitation of an offer to buy our securities, nor shall there be any sale of our securities in any state or jurisdiction in which such offer, solicitation or sale would be unlawful prior to the registration or qualification under the securities laws of any such state or jurisdiction.

The information in this Form 6-K, including the exhibit shall not be deemed to be "filed" for the purposes of Section 18 of the Securities Exchange Act of 1934, as amended, and shall not be incorporated by reference into any filing under the Securities Act of 1933, as amended, except as shall be expressly set forth by specific reference in such filing.

This Form 6-K is hereby incorporated by reference into the registration statements of the Company on Form S-8 (Registration Number 333-232591) and Form F-3 (Registration Number 333-235819) and into each prospectus outstanding under the foregoing registration statements, to the extent not superseded by documents or reports subsequently filed or furnished by the Company under the Securities Act of 1933, as amended, or the Securities Exchange Act of 1934, as amended.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Date: January 22, 2021

Aptorum Group Limited

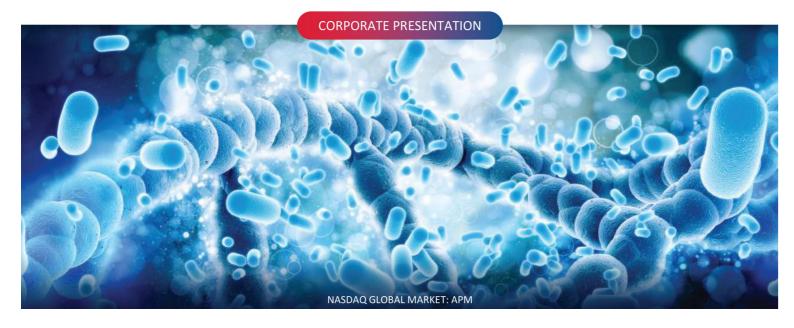
By: /s/ Sabrina Khan

Sabrina Khan Chief Financial Officer

Exhibit No.	Description	
99.1	Power Point Presentation	
	3	



Facilitating Life Science Innovations to Serve Unmet Medical Needs



Disclaimer

This document includes statements concerning Aptorum Group Limited and its future expectations, plans and prospects that constitute "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. For this purpose, any statements contained herein that are not statements of historical fact may be deemed to be forward-looking statements. In some cases, you can identify forward-looking statements by terms such as "may," "should," "expects," "plans," "anticipates," "could," "intends," "target," "projects," "contemplates," "believes," "estimates," "predicts," "potential," or "continue," or the negative of these terms or other similar expressions. Aptorum Group has based these forward-looking statements, which include statements regarding projected timelines for application submissions, trials and commercialization and market potential of related products, largely on its current expectations and projections about future events and trends that it believes may affect its business, financial condition and results of operations. These forward-looking statements speak only as of the date of this document and are subject to a number of risks, uncertainties and assumptions including, without limitation, risks related to its announced management and organizational changes, the continued service and availability of key personnel, its ability to expand its product assortments by offering additional products for additional consumer segments, development results, the company's anticipated growth strategies, anticipated trends and challenges in its business, and the stability of, its supply chain, and the risks more fully described in Aptorum Group's Form 20-F and other filings that Aptorum Group may make with the SEC in the future. As a result, the projections included in such forward-looking statements are subject to change. Aptorum Group may make with the SEC in the future. As a result, the projections included in such forward-looking statements are subject to change. Aptorum Group may m

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About Aptorum Group

Company Information

- Established in 2010, Aptorum focuses on current unmet medical needs, including orphan diseases, infectious diseases, metabolic diseases and women's health, with over 15 therapeutic candidates
- Business Strategy: from Discovery to Phase II Proof-of-Concept (PoC)
- Markets and Regulatory: targeted for clinical and market approval by US FDA, China NMPA, Europe EMA and regulatory authorities in other major countries
- IPO: listed on NASDAQ Global Market (ticker symbol: APM) since December 18, 2018 and cross-listed on Euronext Paris (ticker symbol: APM) since July 24, 2020
- Company's principal executive office is based in London, United Kingdom
- Development of key products based at Canadian facilities (GLP studies, GMP manufacturing, clinical trial coordination)
- 31 employees and 48 scientific advisors and consultants with expertise in drug development and clinical studies across therapeutic areas

Directors, Management and Significant Employees



Leadership



companies;

Over 15 years in global asset management;

- US healthcare equity research analyst at Janus Henderson Group; Trustee board member of Dr. Stanley Ho Medical Development Foundation; CFA, Princeton University, U.S. (Econ)

MISS SABRINA KHAN

Chief Financial Officer

Almost 10 years serving US & Asian healthcare

Extensive experience in business development,

restructuring, US & Asian IPO, and M&A deals; Chartered Accountant at Ernst & Young LLP;

Advanced China Certified Taxation Consultant:

CPA, University of Hong Kong (BBA(Acc & Fin))

Independent Non-Executive Directors

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PROFESSOR DOUGLAS ARNER

Kerry Holdings Professor in Law,





MR. DARREN LUI President and Executive Director

- Over 13 years in global capital market;
- Director of Structured Capital Markets at Barclays Capital.: Chartered Accountant (ICAS), Chartered Financial Analyst & Associate of Chartered Institute of Securities & Investments
- (UK);
- First-Class Honors from Imperial College (Biochemistry)



Head of Research and Development

- ormer Assistant Professor at The Chinese University of Hong Kong (CUHK) specialized in
- drug delivery and formulation development; 10 years from Novartis & Celgene; B.Pharm.(Hons), CUHK; Ph.D. in Pharmaceutical Sciences (Drug Delivery), the University of
- Wisconsin-Madison

DR. JUSTIN WU

COO of CUHK Medical Centre



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Medical:



DR. HERMAN WEISS

Over 20 years of experience in medical field;

Chairman of the Board of Directors of Todos

CEO of Claves Life Sciences Senior Medical Advisor of Aptorum Group



DR. CLARK CHENG

Almost 10 years working in Raffles Medical Group as

Operations Director and Deputy General Manager; Received medical training at the University College London in 2005 & obtained membership of the Royal College of

Director

Surgeons of Edinburgh in 2009;

MBA, University of Iowa, U.S.

Chief Medical Officer and Executive

DR. ANGEL NG SIU YAN

Chief Operating Officer

Research Officer cum Project Manager at The University

of Hong Kong (HKU) towards cadaveric trial for a novel

B.Sc (Hons), HKU: M.Sc in Composite Materials, Imperial

College London; Ph.D. in Mechanical Engineering, HKU

soft robotics medical device; Former Project Manager at Hong Kong Science & Technology Parks Corporation and CUHK;

Founder of Summerhill Advisors Limited



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Aptorum Team

Consultants and Advisors to Aptorum Group and Subsidiaries



DR. KEITH CHAN Consultant

- Adjunct professor and advisor at the Research Center for Drug Discovery, National Yang Ming University in Taipei; Former Division Director of Office of Generic Drugs, US EDA;
- Co-founder of Globomax LLC; Formerly employed at Ciba-Geigy



MR. WILLIAM WEISS

- Currently Director of Preclinical Service and Instructor of Pharmaceutical Sciences.
- College of Pharmacy, University of North Texas; 38 years of experience in drug discovery and development of antimicrobials
- including antibiotics, antivirals and antifungals;
- Former Director of Cumbre Pharmaceuticals Inc:
- .
- Former foreuction of counter enhanceducats inc, Former Group Leader at Wyeth for 17 years; Formerly employed at Schering-Plough for 7 years; BSc in Microbiology from Rutgers University; MSc in Microbiology from Penn :
- State University and Fairleigh Dickinson University



DR. NISHANT AGRAWAL

Senior Clinical Advisor

Professor of Surgery, School of Medicine, University

of Chicago; Former Asso. Professor at Johns Hopkins University;

M.D., Johns Hopkins University School of Medicine

.

DR. KIRA SHEINERMAN

Senior Strategic Consultant

DR. LAWRENCE BAUM

Senior Scientific Advisor

Asso. Professor, School of Pharmacy, The

Chinese University of Hong Kong; Research Officer, Faculty of Medicine, The

University of Hong Kong; Ph.D. in Neurosciences, UC San Diego

- Co-Founder, CEO and Executive Director of DiamiR Biosciences; Serves as a Managing Director, Healthcare Investment Banking at
 - H.C. Wainwright & Co.: H.D. in Biomedical Sciences from Mount Sinai School of Medicine in New York; Honors MBA from Zicklin School of Business, Baruch College, City
- University of New York



DR. FRANCIS SZELE

Senior Scientific Advisor

- Asso. Professor, Department of Physiology, Anatomy & Genetics, University of Oxford; Asst. Professor, Subventricular Zone, Northwestern
- University: .
- Ph.D. in Biology, The University of Pennsylvania, U.S.



- Assistant professor of Pediatrics (Hematology/Oncology) at the Stanford University Medical Center;
- Completed residency training in pediatrics and fellowship training in pediatric hematology-oncology; Board certified in pediatrics and pediatric hematology-.
- oncology; M.D., Harvard Medical School .

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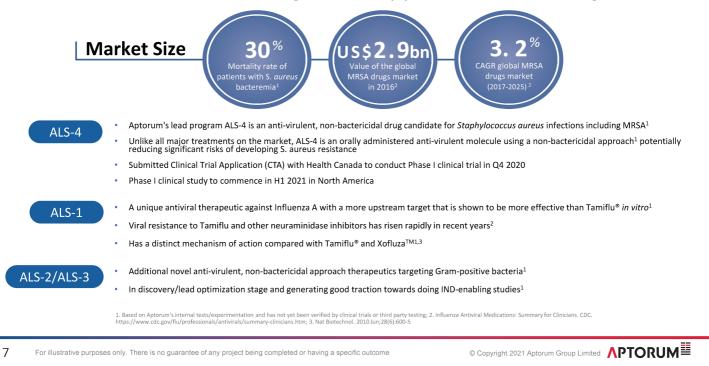
Current Progress of Leading Pipeline Programs and Discovery

			Development Stage						
Projects	Candidate / Modality	Indication	Target Identification & Selection	Lead Discovery	Lead Optimization	IND (or IND equivalent) Enabling	Clinical Tria Application Submission	Phase I	Phase II / III
Acticule's Ser	ies								
ALS-4	Small molecule	Treatment of bacterial infections caused by Staphylococcus aureus including MRSA						•	MRSA Bacteraemia MRSA Skin & Soft Tissue
ALS-1	Small molecule	Treatment of viral infections caused by influenza virus A							
ALS-2/3	Small molecule	Treatment of gram+ve bacterial infections			•				
Projects	Candidate / Modality	Indication	Computationa Discovery	I In Vitro Validation	Existing Clinical Dat	Safety II		IND Preparation & Submission	Phase Ib/lia
SACT's Series					Dat	a			
SACT-1	Small molecule (repurposed from FDA approved drug)	Neuroblastoma							
		Other cancer types including colorectal and triple-negative breast cancer)			
Diagnostic									
Project	Candidate / Modality	Indication	Development a Experimentat		Optimization	Clinical Validatio		nercialization paration	Commercialization
RPIDD	Liquid biopsy rapid pathogen diagnostics	Pathogen molecular diagnostics			\rightarrow	•			
Supplement									
Project	Modality	Target Customer		Formulatio	'n		Commerci	ialization and Dis	tribution
NativusWell [®] DOI (NLS-2)	Supplement	Women undergoing menopause							
. Refers to the dr	ug's existing Phase I/II safety data previously conduct	ed by a third party. Does not refer to clinical trials co	nducted by Aptoru	m.					

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Executive Summary: Acticule Projects

ALS-4 is an anti-virulent, non-bactericidal drug candidate for Staphylococcus aureus infections including MRSA



ALS-4: Addressing the Shortfall of Vancomycin

Vancomycin

- Generic antibiotic that is the most frequently prescribed for MRSA-suspected infections^{1,2}
- After >60 years³ of clinical use, its use against S. aureus is becoming limited. Vancomycin has been shown to have slow bactericidal activity, poor anti-staphylococcal activity, poor tissue penetration, and high rates of infection relapse^{4,5,6,7,8,9}
- The shortcomings of Vancomycin have been compounded since the discovery of vancomycin-resistant S. aureus (VRSA) in 2002¹⁰
- Vancomycin is not orally bioavailable and must be administered intravenously in order to treat systemic infections^{11,12}. Oral vancomycin is only
 effective for treating local intestinal infections¹³. Therefore, for MRSA-suspected infections oral vancomycin is only indicated for the treatment of
 pseudomembranous colitis¹⁴

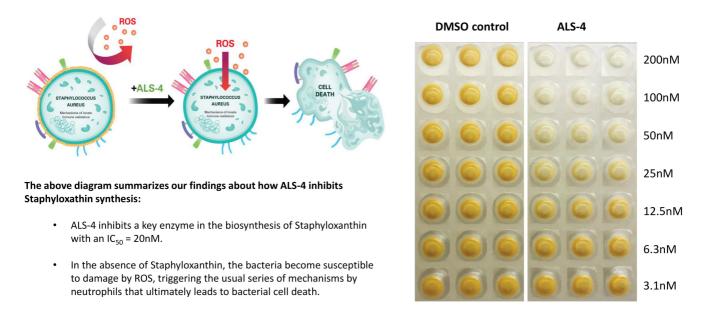
ALS-4: Stand Alone or as Combination Therapy with Antibiotics (e.g. Vancomycin)

- ALS-4 demonstrated efficacy both on a standalone basis and combination basis (with Vancomycin)^{15,17}
- · ALS-4 can potentially complement other bactericidal antibiotics as well, therefore ALS-4 is not a direct competitor of antibiotics
- Synergistic effects of other drugs with vancomycin against MRSA has been demonstrated previously with β-lactam antibiotics and vancomycin¹⁶

1. "Companies Take Aim at MRSA Infections" P T. 2016 Feb; 41(2): 126–128; 2. Clin Infect Dis. 2011 Feb 1;52(3):e18-55; 3. Clin Infect Dis. 2006 Jan 1;42 Suppl 1:55-12; 4. Antimicrob Agents Chemother. 2008 Jan;52(1):192-7; 5. Clin Infect Dis. 2007 Jan 1;54(2):192-6; 6. Clin Infect Dis. 2007 Sep 1;45(5):601-8; 7. J Clin Microbiol. 2011 Oct;49(10):3669-7;8; 8. Clin Infect Dis. 2007 Sep 15;45 Suppl 3:5191-5; 9. J Clin Microbiol. 2004 Jun;42(6):2388-402; 10. Centers for Disease Control and Prevention. https:///www.clinearcom/com/clinearc

8 For illustrative purposes only. There is no guarantee of any project being completed or having a specific outcome

Mechanism of Action-ALS-4 on Staphyloxathin Synthesis



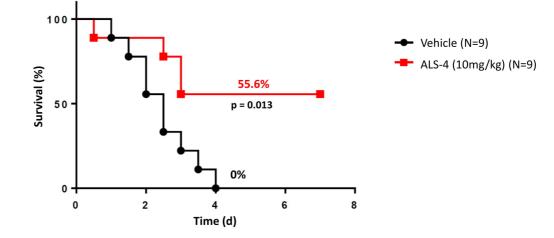
The description of ALS-4 and related conclusory statements on ALS-4 on this slide are based on Aptorum's internal tests/experimentation and has not yet been verified by clinical trials or third party testing

9 For illustrative purposes only. There is no guarantee of any project being completed or having a specific outcome

ALS-4: Oral Formulation Treatment in an MRSA Survival Study

The combination of ALS-4's anti-virulence properties together with host immune system, efficacy is still superior.

The below in-vivo data includes rats infected with a lethal dose of MRSA USA300 in a bacteremia model.



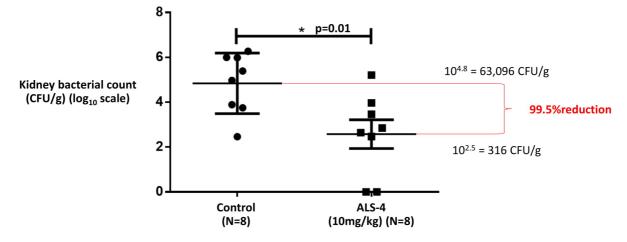
- A lethal dose (10⁹ CFU) of MRSA was introduced through the tail vein
- ALS-4 was administered orally 30 minutes after infection for twice a day thereafter

The results shown in this slide are based on Aptorum's internal (in vitro/in vivo) tests/experiments that have not been verified in clinical trials and/or third party testing.

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ALS-4: Oral Formulation Treatment in a Non-Lethal Bacteremia Model

ALS-4 is shown to greatly reduce organ bacterial count in a bacteremia animal model.



- Rats were challenged with a non-lethal dose (10⁷ CFU) of MRSA through the tail vein
- In order to simulate a more realistic clinical scenario, treatment was introduced 14-days after infection, where ALS-4 was administered orally twice a day at 10mg/kg per animal

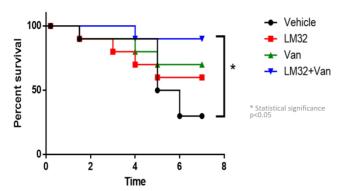
The results shown in this slide are based on Aptorum's internal (in vitro/in vivo) tests/experiments that have not been verified in clinical trials and/or third party testing

11 For illustrative purposes only. There is no guarantee of any project being completed or having a specific outcome

ALS-4: Survival Study of ALS-4 in Combination of Vancomycin in a Mouse Model Infected with MRSA USA 300

Immediate Treatment Post Lethal Dose

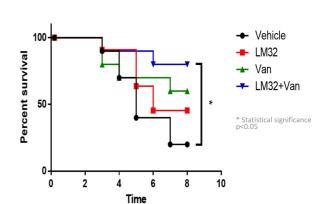
20% bodyweight loss as HEP



N = 10, CFU per mouse is 6 x 10^7 . All of the treatments were administrated through i.p. 15 hours after infection;

(a) Vehicle
(b) ALS-4: 4.5mg/kg
(c) Vancomycin: 4.5mg/kg
(d) Combo: 4.5mg/kg IM032+4.5mg/kg Vancomycin





Delayed Treatment

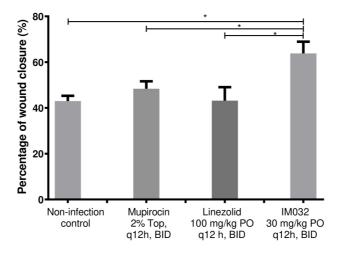
N = 10, CFU per mouse is $6x10^7$ ALS-4 at 6.75mg/kg/dose and treatment started 2 hrs post infection twice daily Vancomycin, 4.5 mg/kg/dose and treatment started 18 hrs after infection twice daily

The results shown in this slide are based on A ents that have not been verified in clinical trials and/or third party testing

12 For illustrative purposes only. There is no guarantee of any project being completed or having a specific outcome

ALS-4: Oral Administration in a MRSA Mouse Skin Wound Infection Model

ALS-4 (Compound IM032) shows a statistically significant improvement in skin wound closure / healing.

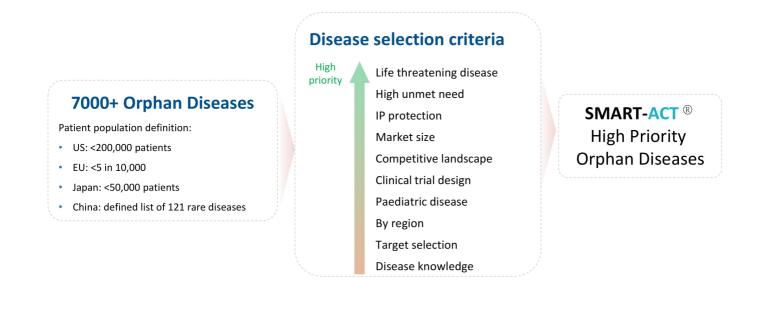


*unpaired t-test: p<0.05

The results shown in this slide are based on Aptorum's internal (in vitro/in vivo) tests/experiments that have not been verified in clinical trials and/or third party testing

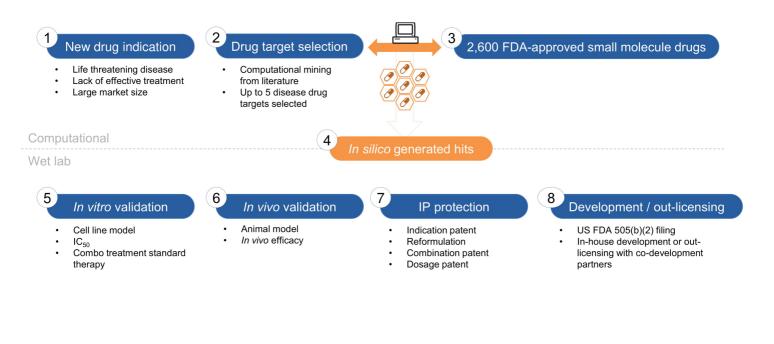
13 For illustrative purposes only. There is no guarantee of any project being completed or having a specific outcome

SMART-ACT[®] Drug Discovery Platform: Orphan Disease Focus and Selection



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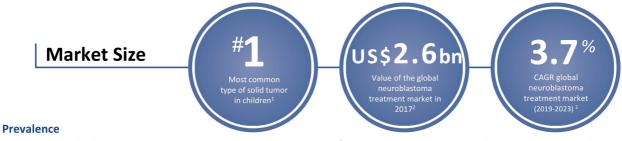
SMART-ACT® : Pipeline Workflow



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SACT-1 (Neuroblastoma): Market Overview

SACT-1 targets neuroblastoma, a cancer that develops from nerve cells



- ~700 cases of high risk neuroblastoma (NB) patients each year in the US³ and we estimated EU has 1.5x those cases, c. 1050 high risk NB patients per year
- Accounts for ~15% of all cancer-related deaths in the pediatric population⁴

Orphan drug designation⁵

- · Neuroblastoma is a rare disease and drugs usually qualify for orphan designation subject to FDA
- Designated orphan drugs receive 7 years of market exclusivity in US and 10 years of marketing exclusivity in EU
- Patents on new indication and reformulation, if granted, will provide up to 20 years of patent exclusivity from the application date in parallel to the market exclusivity

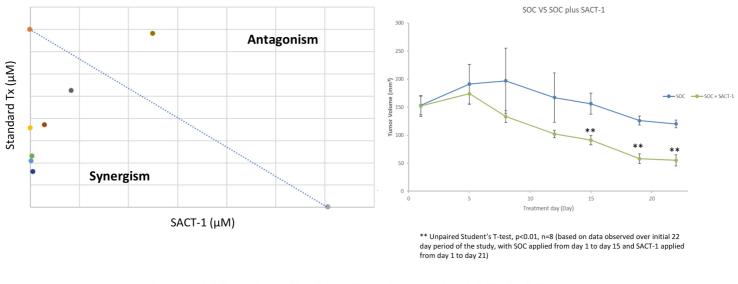
rspective, Comprehensive Analysis, Size, Share, Growth, Trends, and Forecast 2019 – 2023" (2019). MRFR Research. 3. Curr Oncol Rep. 2009 Nov;11(6):431-84. Paediatr edical-programs/office-orphan-products-development 1. Pediatr Rev. 2018 Feb;39(2):57-67; 2. "Neuroblastoma Market Global Industry Pers Drugs. 2011 Aug 1;13(4):245-55 5. https://www.fda.gov/about-fda/office-special-mec All conclusory statements on this slide are based on Aptorum's internal tests/experimentation and has not yet been verified by clinical trials or third party testing.

16 For illustrative purposes only. There is no guarantee of any project being completed or having a specific outcome

SACT-1: In-Vivo Study and Synergistic Effect with Chemotherapy

Synergistic effect observed for SACT-1 in combination with standard treatment in 2 different neuroblastoma cell lines, as seen in the isobologram

SACT-1 when combined with standard of care chemotherapy showed a statistically significant reduction in tumor volume in a xenograft mouse model.



The results shown in this slide are based on Aptorum's internal (in vitro/in vivo) tests/experiments that have not been verified in clinical trials and/or third party testing

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RPIDD: Challenges Faced By Infectious Diseases

INFECTIOUS DISEASES OF UNKNOWN CAUSES REMAIN HIGH

Although hospitals have extensive laboratory testing for infectious diseases, it is estimated that aetiology in

over 30% of infectious disease cases remained unknown¹.



Current most common clinical

Blood Culture

- ★ Cheap (average \$50 per test) but inaccurate
- × Labour intensive
- ✗ Analytically insensitive
- × Trial and error approach and takes up to 5 days to culture at which point the patient may diagnostics for infectious disease: already have worsened in condition

Without accurate data, clinicians typically are unable prescribe appropriate medication or can only apply broad spectrum antibiotics or antivirals that may have limited efficacy on the patient.

CONCLUSION

A new technology for a rapid, cost-

effective, sensitive and unbiased

detection for ALL type of pathogens

is needed

Other technologies used in current clinical diagnosis for infectious diseases:

Other diagnostic technologies including PCR is affordable (average \$130 per test) but is biased to "known" specific pathogens only and unable to detect broad spectrum of both known and unknown pathogens. - It is not ready for new emerging infectious diseases (e.g. COVID-19)

For illustrative purposes only. There is no guarantee of any project being completed or having a specific outcome

1. Crit Care Med 2012 40(12): 3277-3282

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OUR SOLUTION: RPIDD (Rapid Pathogen Identification and Detection Device Technology)

Executive Summary

OVERVIEW

- RPIDD: Next-generation molecular-based diagnostics for "unbiased" detection of any foreign pathogens (virus, bacteria, fungus, parasites) in infected patients using DNA/RNA
- <24 hours turnaround time + cost-effective
- Blood sample and adaptable to others (including swab)
- Collaboration with technology from Nobel prize winner Sydney Brenner / A*Star Sg
 Patented proprietary technology to prepare and enrich the pathogenic DNA/RNA and
- deplete the background human host DNA simultaneously + AI analysis

TARGET

Next generation technology to transform diagnostic procedures for infectious diseases
 To become a first line of diagnostics in line or ahead of traditional methods

- Our Technology (based on internal results) ✓ Lower costs: < USD\$400 wholesale costs vs >USD\$2000 NGS sequencing services ✓ Unbiased and broad range of
- pathogen detection ✓ <24 hour turn-around time
- Unbiased detection of a wide range of foreign pathogens



 Koss sequencing: expensive (may cost as high as US\$2,000 per test)

Existing Methods

CAPABILITIES

Based on internal tests, our technology can detect:

- A full range of DNA/RNA viruses, bacteria, fungi, parasites, including coronavirus such as COVID19
- Pathogen genes that cause antibiotic/antimicrobial resistance (e.g. MRSA)
- Previously unknown and novel mutated pathogens (e.g. new virus)

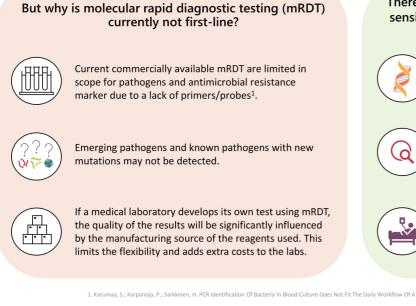
Based on internal tests, our technology can:

- \bullet REDUCE diagnosis time to 24 hours or less (vs avg. 3 5 days using blood culture)
- REDUCE cost of existing NGS-based diagnosis by more than 50%
- \bullet TARGET TO ACHIEVE analytical specificity >99.99% per pathogen + sensitivity >95%
- "Personalized Medicine" approach to infections allowing clinicians to prescribe suitable and targeted treatments at an early stage of admission of the patient

	Blood Culture	PCR and Film Array	Existing NGS Technologies	Our Technology
Rapid	No (5 days)	Yes (1 day)	Yes (2 days)	Yes (1 day)
Detect Unknown Pathogens	No	No (biased & specific to pathogen)	Yes	Yes
Detect Antibiotic Resistance	Yes (limited)	Yes (limited)	Yes	Yes
Average Costs	USD\$100-150 per culture / pathogen BUT no broad range detection; specific only		>USD\$2,000 cost	Current <usd\$400 cost (target <usd\$100)< td=""></usd\$100)<></usd\$400

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RPIDD Aims to Shift mRDT Methods to First-line Diagnosis



Therefore, a technology for a rapid, cost-effective, sensitive and unbiased detection for ALL types of pathogens is urgently needed: RPIDD



RPIDD is an NGS-based (Next generation sequencing) molecular diagnostic technology.

Based on internal results, RPIDD employs an untargeted approach for detection of all known and mutated pathogens, as well as genes that cause antibiotic



information in a timely manner and the appropriate antimicrobial therapy would be initiated as rapidly as possible. RPIDD is a scalable service integrated in hospitals to

support local and regional hospital services for blood-

resistance in a single test. It provides valuable

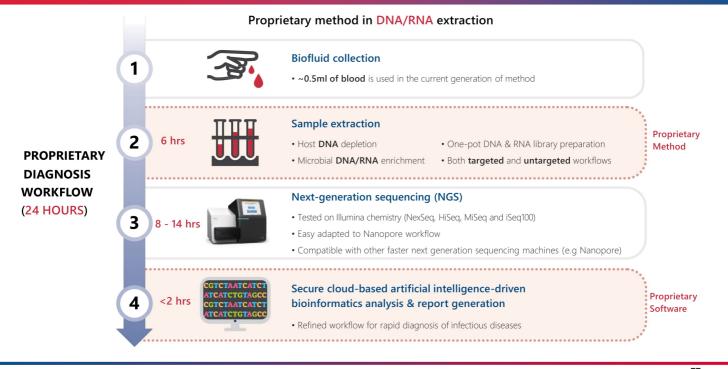
based rapid pathogen diagnostics.

1. Karumaa, S.; Karpanoja, P.; Sarkkinen, H. PCR Identification Of Bacteria In Blood Culture Does Not Fit The Daily Workflow Of A Routine Microbiology Laboratory. Journal of Clinical Microbiology 2011, 50 (3), 1031-1033.

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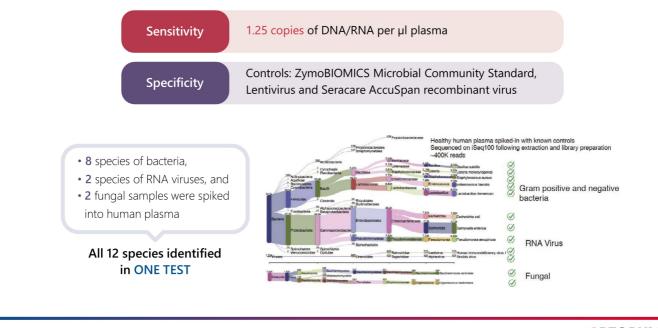
RPIDD Device Workflow Overview



21 For illustrative purposes only. There is no guarantee of any project being completed or having a specific outcome

Analytical Performance: Sensitivity and Specificity

Based on internal results, RPIDD device detected organisms ranging from bacteria, RNA viruses and fungi in ONE TEST



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NativusWell[®]: Executive Summary

NativusWell[®] (NLS-2)

- Global menopause supplement market is projected to exceed US\$50 billion by 2025¹
- NativusWell[®] is a novel nutraceutical supplement targeting women who are between 45 and 65 years old and experiencing menopausal, perimenopausal and postmenopausal syndromes
- Planned to commence commercialization in H1 2021 in UK, Europe and Asia
- Consists of cinnamon-vine extract containing DOI, a novel non-hormonal, bioactive compound which
 - Increases estradiol biosynthesis and aromatase expression in granulosa cells *in vitro* and in an *in vivo* preclinical model significantly
 - Increases the apparent bone mineral density, bone volume fraction and trabecular thickness in an *in vivo* preclinical model
 - Acts in a tissue-specific manner. DOI causes upregulation of aromatase, an enzyme involved in the production of estrogen, in the ovary but not in other tissues
 - Does not cause any *in vitro* toxicity and it also appears to be safe in an *in vivo* preclinical model

1. Grand View Research. Isoflavones Market Size Worth \$50.06 Billion By 2025. https://www.grandviewresearch.com/press-release/global-isoflavones-market. All conclusory statements on this slide are based on Aptorum's internal tests/experimentation and has not yet been verified by clinical trials or third party testing

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