March 17, 2022

#### **Highlighted companies**

#### List of ASX tickers mentioned

1AD, 1ST, ACW, ADO, AGN, AHX, ALC, ANP, ANR, ARX, AT1, ATX, AVH, AVR, BIT, BNO, BOT, CAN, CDX, CMP, CU6, CYC, CYP, DXB, EBR, EMV, EX1, EYE, GSS, IBX, IMC, IME, IMM, IMU, IPD, IVX, IXC, KZA, LBT, LCT, LDX, M7T, MDC, MDR, MEM, MX1, NEU, NOX, NSB, NTI, NXS, OCC, OIL, OPL, OPT, OSX, OVN, PAA, PGC, PIQ, PTX, PXS, PYC, RAC, RAP, RCE, RGS, RHY, RNO, SOM, TLX, TRP, UCM, VHT, VTI

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Analyst(s) own shares in the following stock(s) mentioned in this report:

Antisense Therapeutics, EBR Systems, ImexHS. ImpediMed, Mach7 Technologies, Neuren Pharmaceuticals, Opyl, Pharmaxis, Proteomics International Laboratories, Volpara

# **Healthcare - Overall**

# Micro to mid-cap catalyst table

- We have compiled a list of 75 ASX-listed micro to mid-cap healthcare/life science companies and highlight key catalysts expected to read out over the next 18 months.
- In this report, we have listed each company into broad categories (medical devices, services, wound care, oncology, delivery technologies, SaaS).
- We view the information as a guide around timing of major events while adding a market impact overlay to highlight potentially significant event reactions (good or bad).
- While healthcare is broadly viewed as a safe-haven asset class, this rarely applies to pre-revenue or pre-profit life science companies. Instead, investors rely on achievement of catalysts or progression events to de-risk and provide clarity on the commercial prospects of the asset, which in turn drives shareholder interest.
- The information has been compiled based on best endeavours from a scan through recent company updates as well as company input. While the list is not exhaustive, with likely subsequent milestones and timing estimates dependent on the progress of preceding events, we see this as a simple snapshot on a broad range of healthcare companies and some of the main news flow expected.

#### Catalysts our team is watching in 1HCY22

- Neuren Pharma (NEU): Pre NDA meeting with FDA / NDA submission Retts / Commencement of Ph2 (Phelan-McDermid, Angelman, Pitt Hopkins syndromes).
- Proteomics (PIQ): Potential US licensing deal (ProMarkerD) / Endometriosis trial results / First sales ProMarkerD in EU.
- ResApp (RAP): Top-line results from COVID-19 study.
- Volpara (VHT): Material contract wins (ongoing).
- Telix Pharmaceuticals (TLX): Illucix reimbursement decision / Ph1 glioblastoma commencement / first commercial sales AUS/US/EMA update.

#### Recent major catalysts and share price reactions

- Neuren Pharmaceutical (NEU): 7-Dec-21 Positive Ph3 Retts Syndrome topline results (-3.7% in 30-day leadup, +120% in 30 days post).
- Telix Pharmaceutical (TLX): 20-Dec-21 Positive FDA approval of prostate cancer imaging product Illucix (+10.5% in 30-day leadup, +2.5% in 30 days post).
- Anteotech (ADO): 10-Jan-2022 Negative TGA registration update #3. Further data required for COVID RDT (-7.8% in 30-day leadup, -60% in 30 days post).

#### **Quarter in review (January to March 2022)**

- Broad underperformance across the sector followed a re-organisation of risk in capital markets as inflationary pressures and geopolitical instability aided a sharp rotation from growth into defensives/value equities.
- The weakness not just limited to smaller markets, with the ASX200 healthcare constituents declining 14.3% over the period to date (1 Jan-17 Mar) although better-than-average declines of 19.7% across the balance of the list (market cap agnostic averages).

Figure 1: ASX listed healthcare heatmap (180 stocks) since 1 Jan 2022 - broad weakness including ASX200 constituents (highlighted in box)



Source: Morgans Financial, IRESS, Priced as at 17 March 2022



Figure 2: Bone

										Potential impact:	Minor	Mid	Significant
			Shar	e price i	moveme	nt (%)			E:	stimated timing on cataly	/sts		
Ticker	Company Name	Mkt Cap ▼ (A\$m) ▼	1M 🔽	3M 🔻	6M 🔻	12M 🔻	1Q22	▼ 2Q22	▼ 1H22	y 3Q22 ▼	4Q22	2H22 ~	1H2023
OCC	Orthocell Ltd	77	- 8.2	- 24.3	- 21.2	- 25.0		Remplir: nerve regeneration: Final 2- month results	Striate: Engage US marketing and distribution partner (CY22)			Remplir: AUS market authorisation / Striate: Engage US marketing and distribution partner (CY22)	
OSX	Osteopore Ltd.	22	- 11.9	- 15.9	- 40.3	- 58.9		PAK: DRAP craniofac product approval / CH Craniofacial product approval	E: AUS: AP market			EU approval for custom made device / China: initiate market entry	

Figure 3: Cardiovascular

											Potentia	al impact: Minor	1	Mid	Significant
			Shar	e price r	noveme	nt (%)				Est	timated timing	on catalysts			
_	!	Mkt Cap								_					
Ticker *	Company Name 💌 (/	A\$m) 💌	1M 🔻	3M ▼	6M 🔻	12M ▼	1Q22	▼ 2Q22	▼	1H22 ×	3Q22	▼ 4Q22	▼ 2	2H22	1H2023
AVR	Anteris Technologies	240	- 22.0	99.0	114.4	36.8				DurAVR - Aortic					
	Ltd.	240	22.0	33.0	117.7	50.0				Stenosis results - n=10					
								AUS/EU total	ly leadless						
EBR	EBR Systems	175	- 6.8	- 25.3				study com	mence /	Complete recruitment				Top line results -	Submit PMA application
EDK	EDR Systems	175	- 0.0	- 25.5				ACCESS-C	RT study	SOLVE pivotal trial				SOLVE trial	for US approval
								commend	cement						

Source: Morgans estimates, company data, FACTSET, Prices as at 17 March 2022



Figure 4: Central Nervous System (CNS)

										Potenti	al impact: Minor	Mid	Significant
			Shai	re price	movem	ent (%)			E	stimated timing	on catalysts		
Ticker		Mkt Cap (A\$m)	1M 🔽	3M	6M	12M T	1Q22		1H22	▼ 3Q22	▼ 4Q22	▼ 2H22	1H2023
ACW	Actinogen Medical Limited	146	- 28.7	- 36.9	- 18.0	141.2	Ph2 Fragile-X commencement	Ph 2 Part A - Mild Cognitive Impairment results				Biomarker results for mild AD	
AGN	Argenica Therapeutics	42	- 22.3	- 20.1	l 43.	3		Ethics approval / Ph1 trial commencement	ARG-007: pharmacokinetics + GLP safety and tox			Ph1 results	
BNO	Bionomics Ltd	92	- 20.0	- 49.6	6 - 60.	) - 71.7					Ph2 top-line results Acute Social Anxiety Disorder (SAD)		Ph2b top-line results PTSD
IXC	Invex Therapeutics Ltd.	41	- 9.2	- 18.0	) - 20.	4 - 31.4			MHRA / EMA / FDA Ph3 acceptance				
LCT	Living Cell Technologies Ltd.	6	20.0	-	- 42.	9 - 60.8						NTCELL 3rd trial - GMP manufacturing commencement	
NEU	Neuren Pharmaceuticals Limited	516	2.6	9.0	92.	3 206.5	Pre NDA meeting wit	th	NDA submission - Rett / Commencement of Ph2 (Phelan-McDermic Angelman, Pitt Hopkin: syndromes)	l,		PARTIAL milestones from Rett partnership & PRV voucher (~A\$111m) - spread across 2H22 & 1H23	FDA approval of NDA I Rett / US Launch / Balance of milestone payments in Retts / Pl results NNZ-2591 in 4 indications
NSB	Neuroscientific Biopharmaceuticals Ltd.	39	- 14.1	- 9.8	3 - 38.	9 14.6	HREC approval Ph1 neurology	-	Ph1 recruitment /commencement - Neurology			HREC / recruitment / commencement Ph1 oculary study	



Figure 5: Devices

										Potential impact:		Mid	Significant
		_	Share	e price	movem	ent (%)			Es	timated timing on cataly	ysts		
Ticker	Mkt Company Name ▼ (A\$m		1M 🔻	3M 💌	6M	▼ 12M ▼		2Q22 ▼	1H22	3Q22 ×	4Q22 ▼	2H22	1H2023
CDX	CardieX Limited	49	- 2.2	- 11.8	- 27.	4 - 34.8	Move to consumer market (release of Mobvoi smartwatch incorporating CDX tech)		Sales progression			FDA approval: Pulse device / FDA approval: CONNEQT Band	
CMP	Compumedics Limited	54	- 16.4	- 22.8	- 27.	4 - 24.7			Sales progression			Sales progression	
CYC	Cyclopharm Limited	152	- 1.2	- 4.1	- 8.	5 - 36.3				FDA CRL response submission			FDA review of CRL
EMV	EMvision Medical Devices Ltd.	149	- 4.7	- 27.9	- 34.	3 - 27.1			1st Gen portable brain scanners manufactured and tested / Clinical study prep (Ethics, protocols, reg engagement / COMMENCEMENT)	Patient enrolment and study update		Industry / Commercial collaboration	
EYE	Nova Eye Medical Ltd	30	- 19.6	- 35.9	- 49.	4 - 38.8			Sales progression			Sales progression	
LBT	LBT Innovations Limited	29	- 9.1	- 7.2	- 37.	9 - 5.3			Sales progression / urine analysis models launched	Initial use of antimicrobial resistance analysis module / Product expansion to new verticals		Sales progression / Restructured EU channel partner agreement	
MX1	Micro-X Ltd.	76	- 25.0	- 38.9	- 44.	1 - 52.2		CE Mark approval for Rover					
NTI	Neurotech International Ltd.	36	4.0	- 8.8	15.	6 - 21.2		Phase I/II results in ASD		Commence PhIII multi- cohort trial in ASD			
OIL	Optiscan Imaging Limited	90	3.6	- 23.7	- 38.	3 - 37.0	Finalise validation ad clinical activities	510(k) submission for oral cancer device			FDA clearance for oral cancer		
OVN	Oventus Medical Ltd.	11	- 36.2	- 46.3	- 60.	0 - 78.0			Sales progression			Sales progression	
PGC	Paragon Care Limited	285	21.6	38.5	42.	9 95.7			Sales progression			Sales progression	
RNO	Rhinomed Limited	48	- 22.9	- 28.8	- 47.	1 54.2			Rhinoswab commercialisation				
SOM	Somnomed Limited	145	- 7.4	- 21.3	- 18.	6 - 7.9			Sales progression			Launch of technology enabled sleep device	
UCM	Uscom Limited	19	-	- 10.0	- 23.	1 - 35.5			Sales progression			Sales progression	
VTI	Visioneering Technologies Inc	16	- 12.7	- 25.0	- 28.	5 - 61.7		Complete enrollment of the PROTECT Clinical Study		PROTECT Clinical Study (interim) release - one year data			1-year follow up results PROTECT study



Figure 6: Diagnostics

										Potential impact:	Minor	Mid	Significant
			Shar	e price i	moveme	nt (%)			Es	timated timing on catal	ysts		
Ticker		Mkt Cap A\$m)	1M 🔻	3M 🔻	6M 🔻	12M <b>▼</b>	1Q22	2Q22 •		3Q22 ×	4Q22	2H22	1H2023
ADO	AnteoTech Ltd	193	- 54.9	- 48.9	- 66.0	- 52.7			Progress on TGA COVID RDT				
AT1	Atomo Diagnostics Ltd.	68	- 33.3	- 27.3	- 65.7	- 55.6			TGA approval for Rapid Antigen test				
GSS	Genetic Signatures Ltd.	171	- 10.8	- 7.4	- 27.1	- 27.1	Entertic trial: recruitment completed		Enteric: File FDA submission			Enteric: Marketing approval	
IPD	Impedimed Limited	249	- 24.3	- 17.6	27.3	33.3					Renal observational tria results	Potential inclusion in NCCN guidelines / reimbursement policy determinations	Renal - interventional trial commence
LDX	Lumos Diagnostics	60	- 50.3	- 45.5	- 63.6			First production of RAT	TGA approval for COVID RAT / FebriDX FDA clearance				
PIQ	Proteomics International Laboratories Ltd.	115	- 11.0	- 3.1	7.4	- 17.1			US licensing deal (ProMarkerD) / Endometriosis trial results / First sales ProMarkerD in EU			US remimbursement code for ProMarkerD / New tests from diagnostic pipeline	
RAP	ResApp Health Limited	53	- 15.1	6.9	- 23.5	- 15.1	Results from US/Indian instant screening COVID cough study						
RHY	Rhythm Biosciences Ltd.	270	2.0	- 19.0	12.0	- 12.3		EU - Progress commercialisation	TGA submission				

Figure 7: Eye

										Pote	ential impact: Minor	Mid	Significant
			Share	e price m	noveme	nt (%)				Estimated tim	ing on catalysts		
Ticker	Company Name 💌 (	Mkt Cap (A\$m)	1M 🔻	3M 🔻	6M 🔻	12M 🔻	1Q22	▼ 2Q22	▼ 1H22	<b>▼</b> 3Q22	▼ 4Q22	▼ 2H22	▼ 1H2023
OPT	Opthea Limited	294	- 18.9	- 35.5	- 33.7	- 48.0							
PYC	PYC Therapeutics Limited	289	- 24.2	- 35.0	- 39.3	- 39.3			FDA Pre IND Pipeline ex			RP11 - IND su + Ph1/2 con	

Source: Morgans estimates, company data, FACTSET, Prices as at 17 March 2022



Figure 8: Fibrosis

										Potential impact	: Minor	Mid	Significant
			Shai	re price	moveme	nt (%)			Es	timated timing on cata	lysts		
Ticker	Company Name	Mkt Cap (A\$m)	1M 🔻	3M 🔻	6M <b>▼</b>	12M 🔻	1Q22	▼ 2Q22	1H22	3Q22	4Q22	2H22 ×	1H2023
1AD	AdAlta Ltd.	24	- 1.3	- 9.6	- 19.4	- 59.1	Animal data available for inhaled version of AD-214					Initial experimental results (in vitro) on target under Carina collaboration / Initial functional data on i-body binders against internal Target #2	
DXB	Dimerix Limited	56	- 28.6	- 25.5	- 37.5	- 34.0	Interim safety data on REMAP-CAP COVID Ph3 study						FSGS Ph3 study Part 1 data (triggers options expiry to fund Part 2)
PXS	Pharmaxis Ltd	47	- 12.4	- 19.0	- 41.4	- 2.3			Ph2 MF recruitment complete / Ph1-2 Hepatocellular cancer study commencement / Ph1c scarring recruitment completion		Ph1c results PXS-6302 Scarring	- Ph2 top line results PXS 5505 in MF	

Figure 9: Gut health

											Potential impac	t: Minor	Mid	Significant
			Shar	e price	moveme	nt (%)				Es	timated timing on cata	lysts		
		Mkt Cap												
Ticker *	Company Name 💌	(A\$m) 🔻	1M 🔻	3M 🔻	6M ▼	12M ▼	1Q22	2Q22	▼ 1H22	~	3Q22	▼ 4Q22	2H22	1H2023
ANR	Anatara Lifesciences	7	- 13.0	- 31 0	- 35.5	- 45.0					GaRP; Phase I/II;	3FDC; Phase I/II; Final		GaRP; Phase I/II; Final
AINIX	Ltd	,	- 13.0	- 31.0	- 33.3	- 45.8					Interim report	Report		report
														NMRC Campulobacter
								NMRC Ph2: initiation	n IMM-124E	E IND			NMRC ETEC Ph2:	Ph2: Topline results /
IMC	Immuron	24	- 8.7	-	- 34.4	- 51.2	NMRC IND submission	ETEC challenge stu					Topline results / IMM-	IMM-124E ETEC:
								ETEC challenge stu	ay Subitilis:	51011			529 IND submission	Topline results / Ph2
														CDI initiation

Source: Morgans estimates, company data, FACTSET, Prices as at 17 March 2022



Figure 10: Inflammation

										Potential impact:	Minor	Mid	Significant
			Share	price r	noveme	nt (%)			Es	timated timing on catal	ysts		
Ticker	Mkt Cap ▼ Company Name ▼ (A\$m)		М	3M 🔻	6M 🔻	12M 🔻	1Q22	2Q22 ×	1H22	3Q22 ▼	4Q22	2H22 ~	1H2023
ANP	Antisense Therapeutics Limited 84	- I	21.9	- 32.4	- 28.6	- 30.6	FDA tox protocol feedback	Animal model - new indication results		Animal model - Dystrophin combination results	Ph2/3 EU - first patient dosed	Animal model - Chronic dosing phase data	
СҮР	Cynata Therapeutics 62 Limited	!  -	2.3	- 9.5	- 23.9	- 35.3					Complete recruitment (n=30) for Ph1-2 diabetic foot ulcer / Recruitment (n=24) Ph1-2 respiratory (MEND trial)	strategy / Commence	
RGS	Regeneus Ltd. 19	) -	14.9	- 13.7	- 13.7	- 45.2	Sygenus: Ph1 pain tria commencement	ıl Progenza: KOA Ph2 US IND application		Progenza: KOA Ph2 US IND approval	Progenza: KOA Ph2 US patient recruitment	JPN: establishment of manufacturing process milestone payment (US\$3m)	Ph2 (JPN) KOA: 2 X US\$1.5m milestone payment (50% recruitment & 100% recruitment)

Figure 11: Medicinal cannabis

									Poter	ntial impact: Minor	Mid	Significant
		Shar	e price mo	vemer	nt (%)				Estimated timir	ng on catalysts		<u> </u>
Ticker Company	Mkt Cap Name ▼ (A\$m)		3M 🔻 (	SM 🔻	12M ▼	1Q22	<b>2</b> Q22	▼ 1H22	▼ 3Q22	▼ 4Q22	▼ 2H22	▼ 1H2023 ▼
CAN Cann Gr	oup Ltd. 8	8 - 8.2	- 12.9 -	9.8	- 56.8		First commercial cro	First commercial cro ps harvest / Satipharm commercial production commencement				

Source: Morgans estimates, company data, FACTSET, Prices as at 17 March 2022



Figure 12: Oncology

										Potential impact:		Mid	Significant
			Shar	e price	moveme	nt (%)			Est	timated timing on catal	ysts		
Ticker	Company Name	Mkt Cap A\$m) <mark>▼</mark>	1M 🔽	3M 🔻	6M 🔻	12M 🔻	1Q22 🔻		1H22	3Q22 ▼	4Q22 ~	2H22	1H2023
ATX	Amplia Therapeutics Ltd.	27	- 15.2	- 9.7	- 32.6	- 45.6		Ph2 pancreatic cancer trial commencement / Pre-IND feedback		Ph2 Pulmonary fibrosis - HREC approval	IND opened for AMP945		
CU6	Clarity Pharmaceuticals Ltd.	133	- 28.3	- 26.8	- 61.8			SECuRE Ph1/2a: First patient in dose escalation study / COBRA Ph1/2: recruitment commences					
IBX	Imagion Biosystems Ltd.	48	- 32.8	- 42.7	- 35.8	- 73.1						Ph1 HER2 study completion	
IMM	Immutep Ltd	299	- 5.4	- 24.7	- 34.0	- 5.4			TACTI-002: Ph2 NSCLC and 2nd line HNSCC Part C interim data			INSIGHT-003: Ph2b 1st line HNSCC Interim results	
IMU	Imugene Limited	1,491	- 17.7	- 44.0	- 45.2	112.5							
IVX	Invion Ltd.	103	- 11.1	- 11.1	-	77.8			Clinical Trial Indication targets (Cancer) and proof of concept results			Early Stage findings from atheroclerosis & infectious diseases (AID), Initiate clinical tial - skin cancer, initiated 2nd clinical trial	
KZA	Kazia Therapeutics Ltd	114	- 13.1	- 20.0	- 39.4	- 36.1			Ph2 commence recruitment paxalisib GBM				
MDC	Medlab Clinical Ltd	36	- 19.2	- 30.0	- 36.4	- 64.4			Partial CMC / stability testing	UK compassionate use	mRNA / NanoCelle COVID government readout	Commence Ph3 trials / US compassionate use (botanical)	Full CMC / Complete stability
NOX	Noxopharm Ltd.	96	- 18.5	- 5.7	- 35.9	- 51.8	CEP-2 dose escalation/expansion commencement		Interim results IONIC study			CEP-2 dose escalation/expansion completion / Interim results IONIC study	DARRT-2 Ph1/2 completion
PAA	Pharmaust Limited	31	- 1.0	7.7	12.6	- 2.0		Ph1/2 trial commencement for MND & COVID-19		Ph3 trial commencement for Canine Cancer	Ph2 trial start human cancers	Licensing agreement - animal health	
PTX	Prescient Therapeutics Limited	104	- 20.0	- 30.4	- 40.7	60.0	PTX-100 (PTCL) commence expansion cohort	PTX-200 (AML) Ph1b/2 top-line results		PTX-100 complete enrolment of expansion cohort	PTX-100 full recruitment		
RAC	Race Oncology Ltd.	415	- 9.1	- 20.7	- 26.8	- 33.5	HREC approval for Ph1/2 trial in AML			IND filing for AML	Ph2b Breast Cancer results		
π.x	Telix Pharmaceuticals Ltd.	1,458	- 20.8	- 40.3	- 36.9	11.9	ProstACT ethics approval / STARLIGHT 2 initial dosing / ZIRCON Ph3 recruitment complete	Illucix reimbursement decision / Ph1 glioblastoma commencement / first commercial sales AUS/US / EMA update				Full reimbursement in US / ZIRCON study readout / Kidney cancer imaging agent BLA filing update / CUPID alpha therapy interim update	



Figure 13: SaaS

											Potential impact: Mind	or	Mid	Significant
			Shar	e price	movem	ent (%)				Es	timated timing on catalysts			
Ticker		/lkt Cap \\$m) <mark>▼</mark>	1M 🔽	3M 🔻	6M 3	12M ▼	1Q22	<b>▼</b> 2Q22	₩	1H22 ~	3Q22 <b>▼</b> 4Q2	2	2H22 ▼	1H2023 ▼
ALC	Alcidion Group Limited	241	- 17.4	- 26.9	- 49.7	- 33.2				Contract win announcements			Contract win announcements	
IME	ImExHS Limited	26	- 15.3	- 15.8	- 44.8	- 62.6				New contract wins			New contract wins	
M7T	Mach7 Technologies Ltd.	201	12.7	0.6	- 18.0	- 31.0				New contract wins			New contract wins	
MDR	MedAdvisor Limited	98	- 18.8	- 29.7	- 16.1	- 22.4		Walmart go	live					
VHT	Volpara Health Technologies Ltd.	171	- 12.8	- 34.0	- 45.6	i - 47.5				RevealDx TGA approval / Breast Screen contract commencement / Material contract wins (ongoing)			Material contract wins (ongoing)	Material contract wins (ongoing)

Figure 14: Services

										Potential impact:	Minor	Mid	Significant		
·			Shar	e price	moveme	ent (%)		Estimated timing on catalysts							
Ticker	Company Name 🔻 (	Mkt Cap A\$m) <mark>▼</mark>	1M 🔽	3M 🖪	6M -	12M <b>▼</b>	1Q22 <b>~</b>	2Q22	1H22	3Q22 ▼	4Q22	2H22	1H2023		
1ST	1st Group Ltd.	5	- 30.8	- 23.0	- 42.3	- 72.0					Accelerated sales impact from major contracts	Potential acquisition / Progress on major contracts			
MEM	Memphasys Ltd	50	- 1.6	- 34.4	l - 8.7	' - 22.2	Start of patient recruitment - Monash IVF clinical trial for Felix device / Horse pregnancy prediction results	Publishing of Felix device in vitro performance results from KOL trials							
OPL	Opyl Ltd.	4	- 24.7	- 41.7	' - 48.1	- 62.2	Opin: Launch in Spanish / Chinese	Release of Opin 2.0		Opin feature releases: patient survey + customer cashboard + patient EOI and data trading		Opin 2.0: Partner with Asian CRO	Partner with US CRO / HIPPA compliance certification / Data trial #4: TrialKey / First customers TrialKey		

Source: Morgans estimates, company data, FACTSET, Prices as at 17 March 2022



# Figure 15: Skin

							Potential impact:	Minor	Mid	Significant		
		Share	price movement (%)		Estimated timing on catalysts							
Ticker 🔻	Mkt Cap Company Name ▼ (A\$m)		3M 🔻 6M 🔻 12M 🔻	1Q22	▼ 2Q22 ▼	1H22 <b>•</b>	3Q22 <b>~</b>	4Q22 ~	2H22	1H2023		
вот	Botanix Pharmaceuticals 59 Limited	5.2	8.9 - 15.3 - 47.0	Ph2b study commencement (Antimicrobial)	Canine dermatitis - topline results	Ph1b/2 Rosacea: Full enrolment	Ph1b/2 Rosacea: Top- line results					

Source: Morgans estimates, company data, FACTSET, Prices as at 17 March 2022

# Figure 16: Veterinary

			Potential impact: Minor	Mid	Significant		
Share price movement (%)		Esti	imated timing on catalysts				
Mkt Cap							
Ticker Company Name (A\$m) 1M 3M 6M 12M	▼ 1Q22	▼ 1H22 ▼ ;	3Q22 ▼ 4Q22	▼ 2H22 ▼	1H2023		
Apiam Animal Health		Strategic acquisitions to		Contributions from new			
AHX Ltd. 113 - 5.2 - 7.4 - 18.5 0.	6	expand market reach		products (Xtend 21 /			
Liu.		expand market reach		ACE vaccines)			

Source: Morgans estimates, company data, FACTSET, Prices as at 17 March 2022

# Figure 17: Viral

											Potential impact: Mind	or	Mid	Significant		
			Shar	e price	mover	nent (	%)		Estimated timing on catalysts							
Ticker	Mkt Ca ▼ Company Name ▼ (A\$m)		1M 🔻	3M 🖪	6M	▼ 12	M 🔻	1Q22 🔻	2Q22 <u> </u>	IH22 <b>▼</b>	3Q22 <b>4</b> Q2	2	2H22	1H2023		
BIT	Biotron Limited	46	- 1.5	- 28.6	22	.6 -	4.4			FDA feedback for COVID trial			Topline Ph2 results - HIV			
EX1	Exopharm Ltd.	39	- 29.6	- 40.5	- 48	3.5 -	67.5	Commencement of AIRM LEAP project								
RCE	Recce Pharmaceuticals Ltd.	60	- 17.9	- 5.2	2 - 3	3.7 -	10.2		Ph1 dose ranging study completion				Licencing and partnering developments			

Source: Morgans estimates, company data, FACTSET, Prices as at 17 March 2022

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Figure 18: Wound

										Potential impact:	Minor	Mid	Significant			
Share price movement (%)						nt (%)	Estimated timing on catalysts									
Ticker	Company Name	Mkt Cap (A\$m)	1M 🔻	3M 🔻	6M 🔽	12M <b>▼</b>	1Q22	▼ 2Q22	▼ 1H22	3Q22 ×	4Q22	2H22 ~	1H2023			
ARX	Aroa Biosurgery	229	- 23.0	- 38.0	- 37.4	- 44.2				Diabetic Foot Ulcer study results						
AVH	AVITA Medical Inc	258	- 16.5	- 38.8	- 55.9	- 63.1						PMDA approval of burns in Japan and commercial launch / RECELL vitiligo & soft tissue repair FDA PMA submission				
NXS	Next Science Ltd	184	- 15.9	- 25.0	- 34.8	- 29.1		SurgX expanded coverage / TridentX US launch / XPERIENCE NZ launch		XPERIENCE US launch via Zimmer / BlastX AUS + NZ launch		XPERIENCE AUS launch				
TRP	Tissue Repair Ltd		- 18.4	- 30.4					Completion of product familiarisation (TR Pro+)	Commercial launch of TR-Pro+	Commercial launch of TR-Pro+	Type-C meeting (toxicology) / CMC completion / Ph3 IND submission	Ph3 Chronic Wound trial commencement			

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Brisbane: North Quay	+61 7 3245 5466	Sydney: Currency House	+61 2 8216 5111	Geelong	+61 3 5222 5128	
Bundaberg	+61 7 4153 1050	Armidale	+61 2 6770 3300	Hawthorn	+61 3 9900 4350	
Cairns	+61 7 4222 0555	Ballina	+61 2 6686 4144	South Yarra	+61 3 9006 9955	
Gladstone	+61 7 4972 8000	Balmain	+61 2 8755 3333	Southbank	+61 3 9037 9444	
Gold Coast	+61 7 5581 5777	Bowral	+61 2 4851 5555	Traralgon	+61 3 5176 6055	
Holland Park	+61 7 3151 8300	Chatswood	+61 2 8116 1700	Warrnambool	+61 3 5559 1500	
Kedron	+61 7 3350 9000	Coffs Harbour	+61 2 6651 5700			
Mackay	+61 7 4957 3033	Gosford	+61 2 4325 0884	Western Australia		
Milton	+61 7 3114 8600	Hurstville	+61 2 8215 5079	West Perth	+61 8 6160 8700	
Newstead	+61 7 3151 4151	Merimbula	+61 2 6495 2869	Stockbroking, Corporate Advice, We	ealth Management	
Noosa	+61 7 5449 9511	Mona Vale	+61 2 9998 4200	Perth	+61 8 6462 1999	
Redcliffe	+61 7 3897 3999	Neutral Bay	+61 2 8969 7500			
Rockhampton	+61 7 4922 5855	Newcastle	+61 2 4926 4044	South Australia		
Springfield-Ipswich	+61 7 3202 3995	Orange	+61 2 6361 9166	Adelaide	+61 8 8464 5000	
Spring Hill	+61 7 3833 9333	Port Macquarie	+61 2 6583 1735	Stockbroking, Corporate Advice, We	ealth Management	
Sunshine Coast	+61 7 5479 2757	Scone	+61 2 6544 3144	Exchange Place	+61 8 7325 9200	
Toowoomba Chalk Capital	+61 7 4639 1277	Wollongong	+61 2 4227 3022	Norwood	+61 8 8461 2800	
Townsville	+61 7 4725 5787			Unley	+61 8 8155 4300	
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## Regulatory disclosures

Analyst owns shares in the following mentioned company(ies): Antisense Therapeutics, EBR Systems, ImexHS, ImpediMed, Mach7 Technologies, Neuren Pharmaceuticals, Opyl, Pharmaxis, Proteomics International Laboratories, Volpara

Morgans Corporate Limited was Joint Lead Manager to the Placement and Share Purchase Plan of shares in Antisense Therapeutics Limited in October 2021 and received fees in this regard. Morgans Corporate Limited was a Joint Lead Manager to the Initial Public Offer of shares in EBR Systems Inc in October 2021 and received fees in this regard. Morgans Corporate Limited was Joint Lead Manager to the Placement of shares in Medlab Clinical Limited and received fees in this regard. Morgans Corporate Limited was Lead Manager to the Placement and Share Purchase Plan of shares in Pharmaxis Ltd in November 2021 and received fees in this regard. Morgans Corporate Limited was a Joint Lead Manager to the Initial Public Offer of shares in Tissue Repair in September 2021 and received fees in this regard. Morgans Corporate Limited was Lead Manager to the Placement of shares in Opyl Limited in March 2021 and received fees in this regard.

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