



The option classes listed below will begin trading on the MIAX Emerald Options Exchange at the start of trading on **Monday, June 28, 2021**. All option classes on MIAX Emerald have an allocation style of Pro-Rata and billing style of Maker-Taker.

Security Symbol	Security Name	Option Class	Penny Pilot	Exchange for Opening	Closing	PLMM	Cloud
					Time		
AVIR	ATE PHARMACEUTICAL INC.	AVIR	No	NASDAQ	4:00	Citadel Securities, LLC	1
AYTU	AYTU BIOSCIENCE INC	AYTU	No	NASDAQ	4:00	Susquehanna Securities	1
BDTX	Black Diamond Therapeutics, Inc.	BDTX	No	NASDAQ	4:00	Susquehanna Securities	2
BSY	BENTLEY SYSTEMS, INCORPORATED	BSY	No	NASDAQ	4:00	Citadel Securities, LLC	2
BTN	Ballantyne Strong, Inc.	BTN	No	AMEX	4:00	Citadel Securities, LLC	2
BTX	BROOKLYN IMMUNOTHERAPEUTICS, INC.	BTX	No	AMEX	4:00	Susquehanna Securities	2
CHK	CHESAPEAKE ENERGY CORPORATION	CHK	No	NASDAQ	4:00	Wolverine Trading, LLC	2
CLDR	Cloudera Inc.	CLDR	Yes	NYSE	4:00	Susquehanna Securities	2
CLI	MACK-CALI REALTY CORPORATION	CLI	No	NYSE	4:00	Morgan Stanley	2
COPX	GLOBAL X COPPER MINERS ETF	COPX	No	NYSE Arca	4:00	Susquehanna Securities	2
CPER	UNITED STATES COPPER INDEX FUND	CPER	No	NYSE Arca	4:00	Wolverine Trading, LLC	2
DGNR	DRAGONEER GROWTH OPPORTUNITIES CORP	DGNR	No	NYSE	4:00	Citadel Securities, LLC	3
DMAC	DIAMEDICA THERAPEUTICS INC.	DMAC	No	NASDAQ	4:00	Citadel Securities, LLC	3
EAR	EARGO INC	EAR	No	NASDAQ	4:00	Susquehanna Securities	3
EDR	ENDEAVOR GROUP HOLDINGS, INC.	EDR	No	NYSE	4:00	Susquehanna Securities	3

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ESTA	ESTABLISHMENT LABS HOLDINGS, INC.	ESTA	No	NASDAQ	4:00	Citadel Securities, LLC	3
ETON	ETON PHARMACEUTICALS, INC	ETON	No	NASDAQ	4:00	Citadel Securities, LLC	3
FAN	FIRST TRUST GLOBAL WIND ENERGY ETF	FAN	No	NYSE Arca	4:00	Wolverine Trading, LLC	3
FLL	FULL HOUSE RESORTS, INC.	FLL	No	NASDAQ	4:00	Citadel Securities, LLC	3
FLUX	FLUX POWER HOLDINGS, INC	FLUX	No	NASDAQ	4:00	Citadel Securities, LLC	3
FOE	Ferro Corp	FOE	No	NYSE	4:00	Susquehanna Securities	3
GATO	GATOS SILVER, INC.	GATO	No	NYSE	4:00	Citadel Securities, LLC	4
HNST	THE HONEST COMPANY, INC	HNST	No	NASDAQ	4:00	Wolverine Trading, LLC	4
INTZ	INTRUSION INC	INTZ	No	NASDAQ	4:00	Wolverine Trading, LLC	5
JYNT	JOINT CORP	JYNT	No	NASDAQ	4:00	Wolverine Trading, LLC	5
LEGN	LEGEND BIOTECH CORP	LEGN	No	NASDAQ	4:00	Susquehanna Securities	5
LOMA	Loma Negra Cia Industrial Argentina SA	LOMA	No	NYSE	4:00	Wolverine Trading, LLC	5
MNMD	MIND MEDICINE INC.	MNMD	No	NASDAQ	4:00	Morgan Stanley	6
MOXC	MOXIAN, INC.	MOXC	No	NASDAQ	4:00	Citadel Securities, LLC	6
NGM	NGM BIOPHARMACEUTICALS, INC.	NGM	No	NASDAQ	4:00	Susquehanna Securities	6
NSH	NAVSIGHT HOLDINGS, INC	NSH	No	NYSE	4:00	Susquehanna Securities	6
NVEE	NV5 Global Inc.	NVEE	No	NASDAQ	4:00	Citadel Securities, LLC	6
NVVE	NUVVE HOLDING CORP.	NVVE	No	NASDAQ	4:00	Citadel Securities, LLC	6
OAS	Oasis Petroleum Inc	OAS	No	NASDAQ	4:00	Susquehanna Securities	7
ORGS	ORGENESIS INC.	ORGS	No	NASDAQ	4:00	Citadel Securities, LLC	7
PACK	RANPAK HOLDINGS CORP	PACK	No	NYSE	4:00	Susquehanna Securities	7
PDSB	PDS BIOTECHNOLOGY CORP.	PDSB	No	NASDAQ	4:00	Susquehanna Securities	7

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PIRS	Pieris Pharmaceuticals Inc.	PIRS	No	NASDAQ	4:00	Susquehanna Securities	7
PLXP	PLX PHARMA, INC.	PLXP	No	NASDAQ	4:00	Susquehanna Securities	7
QMCO	QUANTUM CORPORATION	QMCO	No	NASDAQ	4:00	Citadel Securities, LLC	7
QUAL	iShares MSCI USA Quality Factor ETF	QUAL	No	BATS	4:00	Citadel Securities, LLC	7
SEER	SEER, INC.	SEER	No	NASDAQ	4:00	Citadel Securities, LLC	8
SMMT	Summit Therapeutics Inc.	SMMT	No	NASDAQ	4:00	Citadel Securities, LLC	8
SPYD	SPDR PORTFOLIO S&P 500 HIGH DIVIDEND	SPYD	No	NYSE Arca	4:00	Wolverine Trading, LLC	8
STIM	NEURONETICS, INC.	STIM	No	NASDAQ	4:00	Susquehanna Securities	8
TIPT	TIPTREE INC.	TIPT	No	NASDAQ	4:00	Susquehanna Securities	8
TSP	TUSIMPLE HOLDINGS INC	TSP	No	NASDAQ	4:00	Susquehanna Securities	8
UGP	Ultrapar Participacoes SA	UGP	No	NYSE	4:00	Wolverine Trading, LLC	9
VAL	VALARIS LIMITED	VAL	No	NYSE	4:00	Wolverine Trading, LLC	9
VTSI	VIRTRA, INC.	VTSI	No	NASDAQ	4:00	Citadel Securities, LLC	9
VWE	Vintage Wine Estates, Inc.	VWE	No	NASDAQ	4:00	Wolverine Trading, LLC	9
WFG	WEST FRASER TIMBER CO. LTD.	WFG	No	NYSE	4:00	Wolverine Trading, LLC	10
ZKIN	ZK INTERNATIONAL GROUP CO., LTD.	ZKIN	No	NASDAQ	4:00	Susquehanna Securities	11

Please contact MIAX Options Listings with any questions.

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