

The option classes listed below will begin trading on the MIAX Emerald Options Exchange at the start of trading on **Thursday, June 29, 2023**. 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		
AIP	ARTERIS, INC.	AIP	No	NASDAQ	4:00	Susquehanna Securities	1
AMED	AMEDISYS INC	AMED	No	NASDAQ	4:00	Susquehanna Securities	1
APLD	APPLIED DIGITAL CORPORATION	APLD	No	NASDAQ	4:00	Citadel Securities, LLC	1
BLBD	BLUEBIRD CORP	BLBD	No	NASDAQ	4:00	Wolverine Trading, LLC	2
BOC	BOSTON OMAHA CORP	BOC	No	NYSE	4:00	Wolverine Trading, LLC	2
CHAT	TIDAL TRUST II ROUNDHILL GENERATIVE AI & TECH ETF	CHAT	No	NYSE ARCA	4:00	Susquehanna Securities	2
COSM	COSMOS HOLDINGS INC.	COSM	No	NASDAQ	4:00	Citadel Securities, LLC	2
CRBG	COREBRIDGE FINANCIAL INC	CRBG	No	NYSE	4:00	Wolverine Trading, LLC	2
EFTR	EFFECTOR THERAPEUTICS INC	EFTR	No	NASDAQ	4:00	Citadel Securities, LLC	3
EMAN	eMagin Corporation	EMAN	No	AMEX	4:00	Susquehanna Securities	3
GOLF	Acushnet Holdings Corp.	GOLF	No	NYSE	4:00	Wolverine Trading, LLC	4
KVUE	KENVUE INC.	KVUE	No	NYSE	4:00	Susquehanna Securities	5

Security Symbol	Security Name	Option Class	Penny Pilot	Exchange for Opening	Closing	PLMM	Cloud
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LVTX	LAVA THERAPEUTICS NV	LVTX	No	NASDAQ	4:00	Susquehanna Securities	5
NGMS	NEOGAMESS.A.	NGMS	No	NASDAQ	4:00	Susquehanna Securities	6
ODV	OSISKO DEVELOPMENT CORP	ODV	No	NYSE	4:00	Wolverine Trading, LLC	7
PRM	PERIMETER SOLUTIONSSA	PRM	No	NYSE	4:00	Citadel Securities, LLC	7
PRME	PRIME MEDICINE, INC.	PRME	No	NASDAQ	4:00	Citadel Securities, LLC	7
QIPT	QUIPT HOME MEDICAL CORP	QIPT	No	NASDAQ	4:00	Citadel Securities, LLC	7
RXRX	RECURSION PHARMACEUTICALS	RXRX	No	NASDAQ	4:00	Susquehanna Securities	7
SCLX	SCILEX HOLDING COMPANY	SCLX	No	NASDAQ	4:00	Susquehanna Securities	8
TERN	TERNS PHARMACEUTICALS, INC.	TERN	No	NASDAQ	4:00	Susquehanna Securities	8
TIMB	TIM S.A.	TIMB	No	NYSE	4:00	Citadel Securities, LLC	8
TIO	TINGO GROUP, INC.	TIO	No	NASDAQ	4:00	Citadel Securities, LLC	8
TRVN	Trevena, Inc.	TRVN	No	NASDAQ	4:00	Citadel Securities, LLC	8
UCAR	U POWER LIMITED	UCAR	No	NASDAQ	4:00	Susquehanna Securities	9
WKEY	WISEKEY INTERNATIONAL HOLDING LTD. SPONSORED ADR	WKEY	No	NASDAQ	4:00	Wolverine Trading, LLC	10

Security Symbol	Security Name	Option Class	Penny Pilot	Exchange for Opening	Closing	PLMM	Cloud
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XELA	EXELA TECHNOLOGIES INC	XELA	Yes	NASDAQ	4:00	Wolverine Trading, LLC	10
XPRO	EXPRO GROUP HOLDINGS	XPRO	No	NYSE	4:00	Susquehanna Securities	10

Please contact MIAX Options Listings with any questions.

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