



Annual Changes to the NASDAQ Biotechnology Index

December 14, 2019

NEW YORK, Dec. 13, 2019 (GLOBE NEWSWIRE) -- Nasdaq (Nasdaq:NDAQ) today announced the results of the annual evaluation of the NASDAQ Biotechnology Index (Nasdaq:NBI), which will become effective prior to market open on Monday, December 23, 2019.

The following 40 securities will be added to the Index:

EXCHANGE	SYMBOL	COMPANY NAME
Nasdaq	ADMA	ADMA Biologics Inc.
Nasdaq	ADPT	Adaptive Biotechnologies Corp.
Nasdaq	AFMD	Affimed NV
Nasdaq	AKRO	Akero Therapeutics Inc.
Nasdaq	ALEC	Alector Inc.
Nasdaq	ALLO	Allogene Therapeutics Inc.
Nasdaq	ARDX	Ardelyx Inc.
Nasdaq	ARVN	Arvinas Inc.
Nasdaq	ASMB	Assembly Biosciences Inc.
Nasdaq	AXNX	Axonics Modulation Technologies Inc.
Nasdaq	AXSM	Axsome Therapeutics Inc.
Nasdaq	BBIO	BridgeBio Pharma Inc.
Nasdaq	BCEL	Atreca Inc.
Nasdaq	BDSI	BioDelivery Sciences International Inc.
Nasdaq	CGEN	Compugen Ltd.
Nasdaq	CHMA	Chiasma Inc.
Nasdaq	CSTL	Castle Biosciences Inc.
Nasdaq	DTIL	Precision BioSciences Inc.
Nasdaq	GH	Guardant Health Inc.
Nasdaq	GMAB	Genmab A/S
Nasdaq	GOSS	Gossamer Bio Inc.
Nasdaq	GRTS	Gritstone Oncology Inc.
Nasdaq	KOD	Kodiak Sciences Inc.
Nasdaq	KRTX	Karuna Therapeutics Inc.
Nasdaq	MGTX	MeiraGTx Holdings plc
Nasdaq	MRNA	Moderna Inc.
Nasdaq	NGM	NGM Biopharmaceuticals Inc.
Nasdaq	ORTX	Orchard Therapeutics plc
Nasdaq	OSMT	Osmotica Pharmaceuticals PLC
Nasdaq	PRNB	Principia Biopharma Inc.
Nasdaq	PRVL	Prevail Therapeutics Inc.
Nasdaq	PSNL	Personalis Inc.
Nasdaq	PTGX	Protagonist Therapeutics Inc.
Nasdaq	SNY	Sanofi
Nasdaq	SRRK	Scholar Rock Holding Corp.
Nasdaq	STOK	Stoke Therapeutics Inc.
Nasdaq	TPTX	Turning Point Therapeutics Inc.
Nasdaq	TWST	Twist Bioscience Corp.
Nasdaq	XBIT	XBiotech Inc.
Nasdaq	YMAB	Y-mAbs Therapeutics Inc.

The Index is designed to track the performance of a set of securities listed on The Nasdaq Stock Market® (NASDAQ®) that are classified as either biotechnology or pharmaceutical according to the Industry Classification Benchmark (ICB).

As a result of the evaluation, the following 36 securities will be removed from the Index:

EXCHANGE	SYMBOL	COMPANY NAME
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Nasdaq	ABUS	Arbutus Biopharma Corp.
Nasdaq	ACOR	Acorda Therapeutics Inc.
Nasdaq	ACRS	Aclaris Therapeutics Inc.
Nasdaq	ACRX	AcelRx Pharmaceuticals Inc.
Nasdaq	ADAP	Adaptimmune Therapeutics Plc
Nasdaq	ADMS	Adamas Pharmaceuticals Inc.
Nasdaq	ADRO	Aduro Biotech Inc.
Nasdaq	APTX	Aptinyx Inc.
Nasdaq	AQST	Aquestive Therapeutics Inc.
Nasdaq	ASRT	Assertio Therapeutics Inc.
Nasdaq	AXGT	Axovant Gene Therapies Ltd.
Nasdaq	CLVS	Clovis Oncology Inc.
Nasdaq	CNCE	Concert Pharmaceuticals Inc.
Nasdaq	CRNX	Crinetics Pharmaceuticals Inc.
Nasdaq	DBVT	DBV Technologies SA
Nasdaq	ELOX	Eloxx Pharmaceuticals Inc.
Nasdaq	FPRX	Five Prime Therapeutics Inc.
Nasdaq	KALA	Kala Pharmaceuticals Inc.
Nasdaq	KNSA	Kiniksa Pharmaceuticals Ltd.
Nasdaq	MNOV	MediciNova Inc.
Nasdaq	NERV	Minerva Neurosciences Inc.
Nasdaq	NVAX	Novavax Inc.
Nasdaq	OCUL	Ocular Therapeutix Inc.
Nasdaq	PRTK	Paratek Pharmaceuticals Inc.
Nasdaq	PTI	Proteostasis Therapeutics Inc.
Nasdaq	REPL	Replimune Group Inc.
Nasdaq	SBBP	Strongbridge Biopharma PLC
Nasdaq	STIM	Neuronetics Inc.
Nasdaq	SURF	Surface Oncology Inc.
Nasdaq	SVRA	Savara Inc.
Nasdaq	SYBX	Synlogic Inc.
Nasdaq	TOCA	Tocagen Inc.
Nasdaq	UMRX	Unum Therapeutics Inc.
Nasdaq	VSTM	Verastem Inc.
Nasdaq	XENE	Xenon Pharmaceuticals Inc.
Nasdaq	ZFGN	Zafgen Inc.

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