

**LifeSci Biotechnology Products Index**  
**LifeSci Biotechnology Clinical Trials Index**  
**Index Semi-Annual Reconstitution (Final)**  
**December 13, 2021**

The LifeSci Biotechnology Products Index and the LifeSci Biotechnology Clinical Trials Index will be reconstituted as of the market open on Thursday, December 16, 2021. All positions will be equally weighted, with weights determined as of the closing prices on Tuesday, December 14, 2021. The preliminary changes, subject to modification, are summarized below.

LifeSci Biotechnology Clinical Trials Index (180 components as adjusted)

Additions (21 stocks):

- ABUS, ACET, ADGI, ATAI, AUTL, CNTA, CRBU, DAWN, DICE, ERAS, EWTX, FULC, GHRS, GRPH, IMGO, KNTE, KZR, ROIV, RXXR, TIL, VBIV

Deletions (34 stocks):

- ADVM, ALBO, ANVS, APLT, ARDX, ATNX, AVRO, BCEL, BDTX, BOLT, CDAK, CRDF, ETNB, FBRX, FREQ, GMDA, GMTX, HARP, IMTX, MGTA, MTEM, ORTX, PRTK, PSTX, SBTX, SESN, SYRS, TARS, TCRR, WVE, XBIT (no longer fit index criteria)
- ASND, CCXI (being moved to Products Index based on FDA approval)
- DRNA (being acquired)

LifeSci Biotechnology Products Index (48 components as adjusted)

Additions (3 stocks):

- ASND, CCXI (being moved from Clinical Trials Index)
- AUPH (newly fit criteria)

Deletions (8 stocks):

- DCPH, EPZM, ESPR, ICPT, KPTI, OMER, RDUS, RIGL (no longer fit index criteria)
- ASND, CCXI (being moved to Products Index based on FDA approval)

The LifeSci Biotechnology Indexes are equal-weighted indexes that track the performance of U.S.-listed biotechnology stocks in two distinct stages in the lifecycle of biotechnology companies – Clinical Trials stage and Product stage. The indexes are calculated with a base value of 1,000 as of June 30, 2004 and have an official inception date of November 3, 2014.

LifeSci Biotechnology Clinical Trials Index – All Components (Preliminary) as of December 16, 2021

ABCL, ABUS, ACET, ACIU, ADAP, ADGI, AFMD, AGEN, AKBA, AKRO, ALDX, ALEC, ALGS, ALLK, ALLO, ALVR, ALXO, AMRS, AMTI, ANAB, ANNX, ARCT, ARNA, ARQT, ARVN, ARWR, ATAI, ATHA, ATRA, AUTL, AVIR, AXSM, BBIO, BCAB, BCYC, BTAI, CARA, CCCC, CDXS, CERE, CGEM, CGEN, CLDX, CLVS, CMPS, CMRX, CNTA, COGT, CRBU, CRIS, CRNX, CRSP, CRTX, CTMX, CUE, CVAC, CVM, CYTK, DAWN, DICE, DNLI, DTIL, DVAX, EDIT, EPIX, ERAS, EVLO, EWTX, FATE, FDMT, FGEN, FIXX, FMTX, FULC, GERN, GHRS, GOSS, GRCL, GRPH, GRTS, GTHX, HGEN, IBRX, IDYA, IGMS, IMAB,

IMCR, IMGN, IMGO, IMVT, INBX, INO, IOVA, ISEE, ITOS, KALV, KDNY, KNTE, KOD, KRON, KROS, KRTX, KRYS, KURA, KYMR, KZR, LEGN, LXX, MCRB, MDGL, MEIP, MGNX, MGTX, MIRM, MORF, MRNS, MRSN, MRTX, MRUS, MYOV, NGM, NKTX, NRIX, NTLA, NUVB, NVAX, OLMA, ORIC, PASG, PGEN, PHAT, PLRX, PMVP, PRAX, PRLD, PRTA, PRVB, PTGX, QURE, RAPT, RCKT, RCUS, REPL, RETA, RGNX, RLAY, RLMD, RNA, ROIV, RPTX, RUBY, RVMD, RXDX, RXX, RYTM, SAVA, SELB, SGMO, SNDX, SRNE, SRRK, STOK, STRO, STTK, SWTX, TGTX, TIL, TPTX, TSHA, VBIV, VIR, VKTX, VOR, VSTM, VXRT, XENE, XNCR, ZIOP, ZNTL, ZYME

LifeSci Biotechnology Products Index – All Components (Preliminary) as of December 16, 2021

ACAD, ADCT, AGIO, ALNY, AMGN, APLS, ASND, AUPH, BCRX, BGNE, BHVN, BIIB, BLUE, BMRN, BNTX, BPMC, CXXI, ENTA, EXEL, FOLD, GBT, GILD, HALO, HRMY, INCY, INSM, IONS, IRWD, ITCI, KNSA, LGND, MRNA, NBIX, NKTR, PTCT, RARE, REGN, SAGE, SGEN, SRPT, TBPH, TSVT, TVTX, UTHR, VNDA, VRTX, YMAB, ZLAB

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