Geneva, May 11, 2021

MSCI GLOBAL MICRO CAP INDEXES

The following are changes in constituents for the MSCI Global Micro Cap Indexes which will take place as of the close of May 27, 2021.

SUMMARY PER COUNTRY:

	Nb of	Nb of
	Securities	Securities
Country	Added	Deleted
AUSTRALIA	72	14
BELGIUM	4	0
SWITZERLAND	4	3
DENMARK	2	2
SPAIN	2	2
FRANCE	10	б
GERMANY	17	4
NETHERLANDS	0	1
ITALY	7	2
JAPAN	125	7
HONG KONG	22	14
SINGAPORE	18	3
NORWAY	36	б
AUSTRIA	0	2
USA	108	62
CANADA	39	14
SWEDEN	33	9
UNITED KINGDOM	34	21
FINLAND	5	2
NEW ZEALAND	4	2
PORTUGAL	1	0
ISRAEL	24	6

MSCI AUSTRALIA INDEX Additions 4DS MEMORY ACCESS INNOVATION ADORE BEAUTY GROUP AMAERO INTERNATIONAL AUDIO PIXELS HOLDINGS AUSSIE BROADBAND BANNERMAN RESOURCES BARD1 LIFE SCIENCES BOOKTOPIA GROUP CETTIRE CIRRALTO CLEANSPACE HOLDINGS CLUEY CORE LITHIUM LTD CREDIT CLEAR CRESCO PHARMA DEEP YELLOW DIGITAL WINE VENTURES DUSK GROUP EAGLE MOUNTAIN MINING ECOFIBRE ECOGRAF ELIXIR ENERGY FENIX RESOURCES FIREFINCH FYI RESOURCES GALAN LITHIUM GENEX POWER LIMITED GENUSPLUS GROUP HAZER GROUP LIMITED HEALTHIA HIPAGES GROUP HLDGS HOMECO DAILY NEEDS REIT

Deletions AUSTRALIAN ETHICAL INV BETMAKERS TECH GROUP BRAINCHIP HOLDINGS CITY CHIC COLLECTIVE GALAXY RESOURCES IMUGENE JOHNS LYNG GROUP MURRAY RIVER ORGANICS PALADIN ENERGY PIEDMONT LITHIUM RESIMAC GROUP TELIX PHARMACEUTICALS TRIBUNE RESOURCES UNITI GROUP IMAGION BIOSYSTEMS INCANNEX HEALTHCARE IONIC RARE EARTHS IOUPAY JANISON EDUCATION GRP JINDALEE RESOURCES K & S CORP LAKE RESOURCES LARK DISTILLING LEFROY EXPLORATION LITTLE GREEN PHARMA MAGNETITE MINES MAINSTREAM GRP HLDGS MEDADVISOR MGC PHARMACEUTICALS MICRO-X NEW WORLD RESOURCES NOXOPHARM OPTISCAN IMAGING PENGANA CAPITAL GROUP PENTANET PLENTI GROUP PROTEOMICS INTL LABS PROVINCE RESOURCES RAIZ INVEST RENASCOR RESOURCES RHYTHM BIOSCIENCES SAYONA MINING SECOS GROUP SERVICE STREAM SILK LASER AUSTRALIA STRANDLINE RESOURCES STRATEGIC ELEMENTS UNIVERSAL STORE HLDGS VENTUREX RESOURCES VITAL METALS VRX SILICA VULCAN ENERGY RESOURCES WEEBIT NANO

MSCI BELGIUM INDEX Additions BIOCARTIS GROUP NYXOAH SIPEF TINC COMM

MSCI SWITZERLAND INDEX Additions BASELLAND KANTONBK PART CASSIOPEA SCHWEIZERISCH NATL BANK WARTECK INVEST

MSCI DENMARK INDEX Additions HUSCOMPAGNIET SP GROUP

MSCI SPAIN INDEX Additions ASPY GLOBAL SERVICES MAKING SCIENCE GROUP

MSCI FRANCE INDEX Additions ALCHIMIE BIOPHYTIS DAMARTEX HYDROGEN REFUELING SOLN

Page 2

Deletions None

Deletions BLACKSTONE RESOURCES PEACH PROPERTY GROUP SWISS STEEL HOLDING

Deletions CBRAIN WATURU HOLDING

Deletions MONTEBALITO VERTICE TRESCIENTOS

Deletions BOURSE DIRECT FONCIERE INEA GROUPE HIOLLE INDUSTRIES SERGE FERRARI GROUP

MSCI Global Micro Cap Indexes - May 11, 2021

INNATE PHARMA INVENTIVA NOVACYT OREGE STE DE LA TOUR EIFFEL VIEL ET COMPAGNIE

MSCI GERMANY INDEX Additions ALLGEIER HOLDING BET-AT-HOME.COM COMPLEO CHARGING SOLNS DEUTSCHE IND GRUNDBESITZ DEUTSCHE KONSUM FABASOFT FASHIONETTE FIRST SENSOR MWB WERTPAPIERHANDEL NANOREPRO PACIFICO RENEWABLES PROCREDIT HOLDING PSI AG GESELLSCHAFT SGT GERMAN PVT EQUITY SHW XLIFE SCIENCES XPHYTO THERAPEUTICS

MSCI NETHERLANDS INDEX Additions None

MSCI ITALY INDEX Additions ASSITECA INTERNAZIONALE GAROFALO HEALTH CARE GUALA CLOSURES PORTOBELLO SAES GETTERS SAES GETTERS RNC WIIT

MSCI JAPAN INDEX Additions AEON FANTASY CO AICHI BANK (THE) ARARA ASAHI CO ASKA PHARMA HOLDINGS CO AXXZIA BALMUDA BANK OF IWATE (THE) BANK RYUKYUS BASE CO BOURBON CORP BRONCO BILLY BUYSELL TECHNOLOGIES CHIYODA CO CHORI CO CHUKYO BANK (THE) COLY COMMERCE ONE HOLDINGS COOKPAD COSEL CO CREEMA DKK CO DKS CO EHIME BANK (THE) FAN COMMUNICATIONS FAST FITNESS JAPAN FEED ONE CO FIXSTARS CORP

SES IMAGOTAG TECHNICOLOR

Deletions AKASOL FORMYCON MEDIA AND GAMES INVEST SAF-HOLLAND

Deletions FASTNED

Deletions ENERVIT ESPRINET

Deletions ITEC CORP JIG SAW KEEPER TECHNICAL LAB ONKYO HOME ENTERTAINMENT SEPTENI HOLDINGS CO SNOW PEAK SUN CORP FOSTER ELECTRIC CO FRANCE BED HOLDINGS CO FUJI PHARMA CO FUTABA CORP GECOSS CORP GODO STEEL GOURMET NAVIGATOR HEADWATERS HEROZ HOCHIKI CORP HODOGAYA CHEMICAL CO I NE I-PEX ICOM IMAGEONE CO INES CORP ISEKI & CO ITMEDIA INC ITOKURO ITSUMO JAPAN BEST RESCUE SYSTEM K&O ENERGY GROUP KABUKI-ZA CO KAIZEN PLATFORM KANSAI SUPER MARKET KAONAVI KINJIRO CO KLAB KOATSU GAS KOGYO CO KOKOPELLI KOUKANDEKIRUKUN KURABO INDUSTRIES LITTLE EARTH CORP CO MARS GROUP HOLDINGS CO MATSUMOTO YUSHI-SEIYAKU MEDIKIT CO MINISTOP CO MIYAZAKI BANK (THE) MTG NAGOYA ELECTRIC WORKS CO NEC CAPITAL SOLUTIONS NICHIBAN CO NIHON TRIM CO NIPPON FINE CHEMICAL CO NIPPON RIETEC CO NIPPON SHARYO OITA BANK (THE) OKABE CO OSAKA TITANIUM TECH CO OYO CORP PACIFIC METALS CO PIA CORP POPPINS HOLDINGS PRESS KOGYO CO PRORED PARTNERS QD LASER RAKUMO RAYSUM CO ROKKO BUTTER CO S & B FOODS SAINT MARC HOLDINGS CO SAKAI CHEMICAL IND CO SAKURASAKU PLUS SAN JU SAN FINANCIAL GRP SERVERWORKS SFP HOLDINGS CO SHIKOKU BANK (THE) SHINKO SHOJI CO SINANEN HOLDINGS CO SINTOKOGIO STELLA CHEMIFA CORP STI FOODS HOLDINGS STUDIO ALICE CO SURALA NET T&S

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Page 4
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Additions

Deletions AKER SOLUTIONS

MAXEON SOLAR TECH OPTIMA AUTOMOBILE PIPELINE ENGINEERING SPINDEX INDUSTRIES TRITERRAS UNION GAS HOLDINGS UTD HAMPSHIRE VICOM

YOMA STRATEGIC HLDGS

MSCI NORWAY INDEX

MEDIA ASIA GROUP HLDGS OSHIDORI INTL HLDGS SUMMIT ASCENT HOLDINGS TOM GROUP TOWN HEALTH INTL MED GRP TOWN RAY HOLDINGS MSCI SINGAPORE INDEX Additions ANAN INTERNATIONAL ANCHOR RESOURCES ASLAN PHARMACEUTICAL ADR BENG SOON MACHINERY HLDG BUMITAMA AGRI CREDIT BUREAU ASIA GT STEEL CONST GP LEADER ENVIRONMENTAL LIONGOLD CORP

CHI KAN HOLDINGS CHINA MOTOR BUS CO CHINA STAR ENTERTAINMENT CN LOGISTICS INTL DETAI NEW ENER GRP (HK) DIGINEX ELEGANCE OPTICAL INTL HKR INTERNATIONAL IMPRO PRECISION IND (HK) JBM HEALTHCARE KELFRED HOLDINGS KINETIX SYSTEMS LAI SUN DEVELOPMENT LANGHAM HOSPITALITY INV LINK ASIA INTL MEDTECH

MSCI HONG KONG INDEX

ANCHORSTONE HLDGS

Additions

TACHIBANA ELETECH CO TANAKEN TANSEISHA CO TASUKI CORP TAYCA CORP TERRASKY CO TOKYO KIRABOSHI FINL GRP TV TOKYO HOLDINGS CORP UMC ELECTRONICS UNITED UUUM VALOUA VALUENCE HOLDINGS VELTRA VISASO VITAL KSK HOLDINGS WATAMI CO YAGAMI YAHAGI CONSTRUCTION CO YAMAGATA BANK (THE) YAMANAKA CO YAPPT.T

> Deletions ALL ACTIVE ASSET CAPITAL GLORY FLAME HOLDINGS GOLDSTONE INVESTMENT GRP HUOBI TECHNOLOGY HLDGS KIU HUNG INTERNATIONAL L K TECHNOLOGY HOLDINGS MECOM POWER AND CONST PERFECT SHAPE MEDICAL PROSPER ONE INTL HLDGS REGAL REIT SOUTH SHORE HOLDINGS THEME INTERNATIONL HLDGS VICTORY CITY INTL HLDGS VOBILE GROUP

Deletions ENVICTUS INTL HOLDINGS KING WAN CORP STRAITS TRADING

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ANDFJORD SALMON ARCTIC FISH HOLDING BRABANK CADELER CAMBI CLOUDBERRY CLEAN ENERGY CONTEXTVISION CSAM HEALTH GROUP ELEKTROIMPORTOREN ELLIPTIC LABORATORIES HORISONT ENERGI HOUSE OF CONTROL GROUP HYDROGENPRO ICE FISH FARM ICELANDIC SALMON KALERA KINGFISH COMPANY MERCELL HOLDING MINTRA HOLDING OCEAN SUN OHT OTOVO PATIENTSKY GROUP PLAY MAGNUS POLIGHT RANA GRUBER SAGA PURE SALMON EVOLUTION HLDG SIKRI HOLDING SONANS HOLDING XPLORA TECHNOLOGIES ZAPTEC ZWIPE (NO) MSCI AUSTRIA INDEX Additions None MSCI USA INDEX Additions 180 LIFE SCIENCES ACUTUS MEDICAL ADVENT TECH HLDGS A AFC GAMMA AGRIFY CORP AMMO ANGION BIOMEDICA ANNOVIS BIO ASSEMBLY BIOSCIENCES ATHIRA PHARMA ATLAS TECH CONSULTANTS A ATOSSA THERAPEUTICS AVINGER AYRO BIODESIX BIOVENTUS BTOVIE A BLUE RIDGE BANKSHARES BM TECHNOLOGIES BURGERFI INTL CALITHERA BIOSCIENCES CF BANKSHARES CHICKEN SOUP FOR SOUL A CITIUS PHARMA CITIZENS A CO DIAGNOSTIC CODIAK BIOSCIENCES COMSOVEREIGN HOLDING CPS TECHNOLOGIES CYMABAY THERAPEUTICS

Page 6

AIRTHINGS

AKER OFFSHORE WIND

MSCI Global Micro Cap Indexes - May 11, 2021

BW ENERGY GC RIEBER SHIPPING INSR INSURANCE GROUP POLARCUS REC SILICON

Deletions

Deletions

AUDACY

CALERES

CHIMERIX

CURIS

DERMTECH

FUNKO A

GEVO

GANNETT CO

GRID DYNAMICS HOUGHTON MIFFLIN

CITI TRENDS

FRAUENTHAL HOLDING

LINZ TEXTIL HOLDING

ACLARIS THERAPEUTICS

ASPIRA WOMENS HEALTH

CALLON PETROLEUM CORP

CONTAINER STORE GROUP

CONTANGO OIL & GAS CO

DONNELLEY FIN SOLUTIONS

GOLDEN ENTERTAINMENT

HOVNANIAN ENTERPRISES A

ESTABLISHMENT LABS HLDGS

AVID BIOSERVICES

AVID TECHNOLOGY BIONANO GENOMICS

BLINK CHARGING BRIGHTCOVE

CASSAVA SCIENCES CENTENNIAL RESOURCE A

CHUY'S HOLDINGS

ALPHA & OMEGA SEMICONDUC ANAVEX LIFE SCIENCES DECIBEL THERAPEUTICS ELEDON PHARMACEUTICALS ESPORTS ENTERTAINMENT FOGHORN THERAPEUTICS FTS INTERNATIONAL FUSION PHARMACEUTICALS GALECTO GATOS SILVER GCM GROSVENOR A GEMINI THERAPEUTIC GOLDEN NUGGET ONLINE A GRAYBUG VISION GREENBOX POS GREENWICH LIFESCIENCES GT BIOPHARMA (US) HALL OF FAME RESORT HEPION PHARMACEUTICALS HERITAGE GLOBAL HYCROFT MINING HOLDING HYRECAR IMARA IMMUNOME INOTIV INOZYME PHARMA INTRUSION IZEA WORLDWIDE JAGUAR HEALTH JMP GROUP KEMPHARM KOSS CORP LAIRD SUPERFOOD LANDSEA HOMES CORP LIFEMD LUCIRA HEALTH MARINE PRODUCTS CORP MEDAVAIL HLDGS METACRINE METROCITY BANKSHARES MICT MIDWEST HOLDING MIRUM PHARMACEUTICALS MOTORSPORT GAMES A NEXIMMUNE NEXTCURE OBLONG ODONATE THERAPEUTICS ONCONOVA THERAPEUTICS ONCORUS ONDAS HOLDINGS OYSTER POINT PHARMA PENNSYLVANIA REIT POSEIDA THERAPEUTICS POWER REIT PROSIGHT GLOBAL RED RIVER BANCSHARES SANARA MEDTECH SCOPUS BIOPHARMA SEELOS THERAPEUTICS SENSEI BIOTHERAPEUTICS SHIFT TECHNOLOGIES A SIGILON THERAPEUTICS SOC TELEMED A SPRUCE BIOSCIENCES STONEMOR SUMMIT THERAPEUTICS (US) SUNWORKS SUPER LEAGUE GAMING TALIS BIOMEDICAL TERNS PHARMACEUTICALS TRICIDA USIO VIANT TECHNOLOGY A VINCERX PHARMA VISTAGEN THERAPEUTICS VIVOS THERAPEUTICS

13 VERTICALS A IDEANOMICS JOINT (THE) LEXICON PHARMACEUTICALS MANNKIND CORP MARATHON DIGITAL HLDGS MARCUS CORP (THE) MICROVISION MODINE MANUFACTURING CO MOHAWK GROUP HOLDINGS MOVADO GROUP NABORS INDUSTRIES NETSTREIT NORTHERN OIL AND GAS OCUGEN OPTIMIZERX ORBCOMM REKOR SYSTEMS RIMINI STREET RIOT BLOCKCHAIN SENSEONICS HOLDINGS INC SILVERGATE CAPITAL A SM ENERGY SUTRO BIOPHARMA TELLURIAN TRANSMEDICS GROUP US SILICA HOLDINGS VERITIV VERITONE VERU VUZIX CORP ZOMEDICA

VOYAGER THERAPEUTICS WAVE LIFE SCIENCES WESTWATER RESOURCES

MSCI CANADA INDEX Additions ABAXX TECHNOLOGIES ABC TECH HLDGS ALTIUS RENEWABLE ANTIBE THERAPEUTICS APTOSE BIOSCIENCES ARIS GOLD BBTV HOLDINGS SV BRAGG GAMING GRP CALIAN GROUP DEFI TECHNOLOGIES DREAM IMPACT TRUST ENSIGN ENERGY SERVICES FLAGSHIP CMNTIES REIT GLOBAL ATOMIC CORP GRAN COLOMBIA GOLD CORP. GREENLANE RENEWABLES GURU ORGANIC ENERGY HAIVISION SYSTEMS HALO COLLECTIVE HEMPFUSION WELLNESS KEG ROYALTIES INC FUND KITS EYE CARE LEAF MOBILE LOOP ENERGY MAV BEAUTY BRANDS MCI ONEHEALTH TECH A SV MINDBEACON HOLDINGS MONETA PORCUPINE MINES NEXTECH AR SOLUTIONS NEXUS REIT NOMAD ROYALTY NORTH DYNASTY MINERALS NOVO RESOURCES PIPESTONE ENERGY SURGE ENERGY TOTAL ENERGY SERVICES VIEMED HEALTHCARE WILLOW BIOSCIENCES XEBEC ADSORPTION MSCI SWEDEN INDEX

Additions ABSOLENT GROUP ACCONEER A ARCANE CRYPTO CANTARGIA CRUNCHEISH EXPRESZION BIOTECH HLDGS FASADGRUPPEN GROUP FASTIGHETS AB TRIANON B FERROAMP ELEKTRONIK FOOTWAY GROUP B FORTINOVA FASTIGHETER B TMMUNOVTA INDEX PHARMA HLDG IRISITY JOHN MATTSON KARNOV GROUP LYKO GROUP A MAG INTERACTIVE MAXFASTIGHETER I SVERIGE METACON MIDSONA B NEDERMAN HOLDING AB NIMBUS GROUP NORDIC PAPER HOLDING ODD MOLLY INTERNATIONAL

Deletions AIRBOSS OF AMERICA CORP AUTOCANADA CAPSTONE MINING CHINA GOLD INTL RES DENISON MINES (NEW) ENERGY FUELS ENTHUSIAST GAMING HLDGS HEXO CORP PARAMOUNT RESOURCES POLLARD BANKNOTE RESOLUTE FOREST (CA) SENVEST CAPITAL INC VILLAGE FARMS INTL WESTPORT FUEL SYSTEMS

Deletions AQ GROUP BTS GROUP B ELANDERS ENAD GLOBAL 7 HEXATRONIC GROUP NEW WAVE GROUP B PROBI AB SWEDENCARE TRACTION B ORGANOCLICK QLEANAIR HOLDING AB READLY INTERNATIONAL SCANDINAVIAN BIOGAS STENHUS FASTIGHETER I TEQNION THUNDERFUL GROUP AB WASTBYGG GRUPPEN B

MSCI UNITED KINGDOM INDEX Additions ABINGDON HEALTH AGRONOMICS ALFA FINL SOFTW HLDGS AQUIS EXCHANGE AUDIOBOOM GROUP BELVOIR GROUP C4X DISCOVERY HOLDINGS CALNEX SOLUTIONS CHESNARA DESTINY PHARMA DEV CLEVER HOLDINGS EOTEC FINNCAP GROUP FONIX MOBILE FORESIGHT GROUP HLDGS HEIQ HOME REIT INSPIRATION HEALTHCARE KANABO GROUP коотн LOGISTICS DEV GROUP LOOKERS PAN AFRICAN RESOURCES PHOENIX SPREE DEUTSCHLND RAINBOW RARE EARTHS RENEW HOLDINGS SAVANNAH RESOURCES SKINBIOTHERAPEUTICS SOURCEBIO INTL SUPREME TRIPLE POINT SOCIAL HSG VARIOUS EATERIES VERICI DX WILDCAT PETROLEUM

MSCI FINLAND INDEX Additions EFECTE KREATE GROUP PARTNERA SOLTEQ TECNOMEN LIFETREE

MSCI NEW ZEALAND INDEX Additions AFT PHARMACEUTICALS HARMONEY CORP NAPIER PORT HOLDINGS RADIUS RESIDENTIAL CARE

MSCI PORTUGAL INDEX Additions MOTA ENGIL SGPS

MSCI ISRAEL INDEX Additions ACE CAPITAL RETAIL APOLLO POWER AQUARIUS ENGINES AM

Deletions ARROW GLOBAL GROUP FULLER SMITH & TURNER A GLEESON (M.J.) HARBOUR ENERGY KAPE TECHNOLOGIES LUCECO MARLOWE MORTGAGE ADVICE BUREAU NAKED WINES RANK GROUP REACH RENALYTIX AI ROBERT WALTERS SAGA STG STHREE TREATT TREMOR INTERNATIONAL VITEC GROUP VOLEX

Deletions HARVIA KAMUX

WINCANTON

Deletions BRISCOE GROUP WAREHOUSE GROUP

Deletions None

Deletions AFRICA ISRAEL RESIDENCE AZORIM INVESTMENT DEV ISRAEL CANADA TR

MSCI Global Micro Cap Indexes - May 11, 2021

AUGWIND ENERGY TECH AXILION SMART MOBILITY BATM ADV COMMU (GBP) CHEMOMAB ADR COLLPLANT BIO ADR (US) ECOPPIA SCIENTIFIC GENCELL HOLMES PLACE INTL HUMAN XTENSIONS ICECURE MEDICAL ISRAEL SHIPYARDS IND KARDAN ISRAEL MASSIVIT 3D PRINTING MAX STOCK MENIF FINANCIAL SVCS PHINERGY POLYRAM PLASTIC IND RAZOR LABS REIT AZORIM - H F LIVING SHL TELEMEDICINE SOLAER RENEWABLE ENER

MALAM TEAM NANO DIMENSION ADR PRASHKOVSKY INV & CONST

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