

Announcement March 22, 2019

Indxx Advanced Life Sciences & Smart Healthcare Thematic Index goes through an IPO review after the close of trading hours on March 29, 2019.

Listed below are the constituents that will be added to the existing index:

S	S.No	ISIN	Company Name
	1	US90184D1000	Twist Bioscience Corp.
	2	US05465P1012	Axonics Modulation Technologies, Inc.

There are no removals from the existing index.

Listed below are the new index constituents that will be effective at the close of trading hours on March 29, 2019.

S.No	ISIN	Company Name	Weights as of close of Mar 21,2019
1	US28176E1082	Edwards Lifesciences Corp.	5.63%
2	US46120E6023	Intuitive Surgical, Inc.	5.15%
3	US1011371077	Boston Scientific Corp.	4.98%
4	US75886F1075	Regeneron Pharmaceuticals, Inc.	4.92%
5	US4523271090	Illumina, Inc.	4.88%
6	IE00BTN1Y115	Medtronic Plc	4.59%
7	US98956P1021	Zimmer Biomet Holdings, Inc.	4.25%
8	US00846U1016	Agilent Technologies, Inc.	4.22%
9	KYG608371046	MicroPort Scientific Corp.	3.45%
10	US09062X1037	Biogen, Inc.	3.34%
11	US0162551016	Align Technology, Inc.	3.30%
12	GB0009223206	Smith & Nephew Plc	2.82%
13	US0036541003	ABIOMED, Inc.	2.33%
14	JP3201200007	Olympus Corp.	2.15%
15	US4364401012	Hologic, Inc.	2.10%
16	US92220P1057	Varian Medical Systems, Inc.	2.03%
17	US2521311074	DexCom, Inc.	2.00%
18	CH0012549785	Sonova Holding AG	1.81%
19	US30063P1057	EXACT Sciences Corp.	1.78%
20	GB00BVVBC028	STERIS Plc	1.69%
21	JP3351100007	Sysmex Corp.	1.54%
22	US4622221004	Ionis Pharmaceuticals, Inc.	1.48%
23	NL0012169213	QIAGEN NV	1.44%
24	CH0012280076	Straumann Holding AG	1.32%
25	US02043Q1076	Alnylam Pharmaceuticals, Inc.	1.31%



			Weights as of close of
S.No	ISIN	Company Name	Mar 21,2019
26	IE00B4Q5ZN47	Jazz Pharmaceuticals Plc	1.29%
27	US8036071004	Sarepta Therapeutics, Inc.	1.26%
28	US9553061055	West Pharmaceutical Services, Inc.	1.26%
29	US07725L1026	BeiGene Ltd.	1.19%
30	AU000000COH5	Cochlear Ltd.	1.11%
31	NZFAPE0001S2	Fisher & Paykel Healthcare Corp. Ltd.	0.97%
32	US45784P1012	Insulet Corp.	0.95%
33	US6402681083	Nektar Therapeutics	0.92%
34	US0905722072	Bio-Rad Laboratories, Inc.	0.90%
35	IE00B56GVS15	Alkermes Plc	0.87%
36	US70975L1070	Penumbra, Inc.	0.83%
37	GB00BYMT0J19	LivaNova Plc	0.77%
38	US58471A1051	Medidata Solutions, Inc.	0.73%
39	JP3836750004	Peptidream Inc.	0.68%
40	JP3110650003	Asahi Intecc Co., Ltd.	0.67%
41	US44930G1076	ICU Medical, Inc.	0.62%
42	US36197T1034	GW Pharmaceuticals Plc	0.58%
43	FR0013280286	bioMérieux SA	0.57%
44	US0042251084	ACADIA Pharmaceuticals, Inc.	0.55%
45	NL0011327523	Wright Medical Group NV	0.55%
46	DK0060738599	Demant A/S	0.48%
47	US5898891040	Merit Medical Systems, Inc.	0.48%
48	US6707041058	NuVasive, Inc.	0.47%
49	US3795772082	Globus Medical, Inc.	0.42%
50	US62855J1043	Myriad Genetics, Inc.	0.37%
51	US2074101013	CONMED Corp.	0.37%
52	US74838J1016	Quidel Corp.	0.36%
53	US05350V1061	Avanos Medical, Inc.	0.32%
54	US5846881051	The Medicines Co.	0.32%
55	US8684591089	Supernus Pharmaceuticals, Inc.	0.31%
56	US75901B1070	REGENXBIO, Inc.	0.30%
57	US69366J2006	PTC Therapeutics, Inc.	0.29%
58	INE376G01013	Biocon Ltd.	0.28%
59	IT0003492391	DiaSorin SpA	0.24%
60	US1416191062	Cardiovascular Systems, Inc.	0.21%
61	US0499041053	Atrion Corp.	0.20%
62	JP3754500001	Japan Lifeline Co., Ltd.	0.18%
63	US55027E1029	Luminex Corp.	0.17%
64	US2289031005	CryoLife, Inc.	0.16%



S.No	ISIN	Company Name	Weights as of close of Mar 21,2019
65	US87357P1003	Tactile Systems Technology, Inc.	0.16%
66	JP3160700005	Eiken Chemical Co., Ltd.	0.15%
67	US04963C2098	AtriCure, Inc.	0.15%
68	US5165441032	Lantheus Holdings, Inc.	0.15%
69	JP3431300007	Sosei Group Corp.	0.14%
70	US03475V1017	AngioDynamics, Inc.	0.13%
71	CNE100000171	Shandong Weigao Group Medical Polymer Co. Ltd.	0.13%
72	US5895841014	Meridian Bioscience, Inc.	0.12%
73	KYG548721177	LifeTech Scientific Corp.	0.11%
74	US00484M1062	Acorda Therapeutics, Inc.	0.11%
75	US46116X1019	Intra-Cellular Therapies, Inc.	0.10%
76	US92915B1061	Voyager Therapeutics, Inc.	0.09%
77	US00430H1023	Accelerate Diagnostics, Inc.	0.09%
78	IE00B91XRN20	Prothena Corp. Plc	0.09%
79	US5255582018	LeMaitre Vascular, Inc.	0.08%
80	KR7145720009	Dentium Co., Ltd.	0.07%
81	JP3414000004	Seikagaku Corp.	0.07%
82	US00972D1054	Akebia Therapeutics, Inc.	0.07%
83	US89366M2017	TransEnterix, Inc.	0.07%
84	US90184D1000	Twist Bioscience Corp.	0.06%
85	KR7096530001	Seegene, Inc.	0.06%
86	US05465P1012	Axonics Modulation Technologies, Inc.	0.04%
87	KYG020141019	AK Medical Holdings Ltd.	0.03%
88	SE0002148817	Hansa Biopharma AB	0.02%
89	US45824V2097	INSYS Therapeutics, Inc.	0.02%
90	US44331K1034	Huami Corp.	0.02%