

	Technology	Explanation	Examples	Key references
1	Biohacking	D.I.Y., citizen-science, biological investigations and interventions	General healthcare examples (Zettler et al., 2019)	An introduction (Yetisen, 2018)
2	Digital Twin	<i>“a digital representation of a physical item or assembly using integrated simulations and service data”</i> (Vrabič et al., 2018)	General healthcare example (Angulo et al., 2019)	The technology, its applications, and the challenges (Fuller et al., 2019)
3	Omics	High-dimensional and high-throughput analytics.	Deep-learning example (Chaudhary et al., 2018); Attempt to combine large datasets (Karczewski & Snyder, 2018)	Technical review of methods (Bersanelli et al., 2016); Challenges (Cambiaghi et al., 2017; Gomez-Cabrero et al., 2014); Problems (Lay et al., 2006)
4	Conversational A.I.	<i>“systems that mimic human conversation using text or spoken language”</i> (Laranjo et al., 2018)	Apple’s Siri; Google Now; Microsoft Cortana; Amazon Alexa prize (Ram et al., 2018); Geriatrics (Fadhil, 2018b); Medication adherence (Fadhil, 2018a)	Perspectives on evaluation (Jadeja & Varia, 2017); A technical review (Gao et al., 2019); Review of applications in healthcare (Laranjo et al., 2018)
5	Commercial telemedicine	Remote provision of medical advice by commercial providers	Amazon.care; Apple’s AC Wellness; Diabetes (Garg & Parkin, 2019); Teledoc (Uscher-Pines et al., 2016)	General resource (Darkins & Cary, 2000)