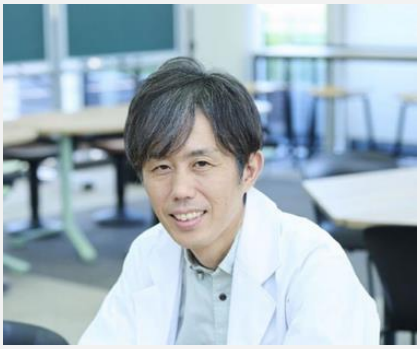

Prof. Hiroaki Kitagishi

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Hiroaki Kitagishi received his PhD in 2006 from Doshisha University under the supervision of Professor Koji Kano. After two years of heme protein engineering studies with Professor Takashi Hayashi at Osaka University as a postdoctoral fellow, he was appointed assistant professor at Doshisha University in 2008. From 2009 to 2010 he investigated virus-like nanoparticles with Professor M. G. Finn at the Scripps Research Institute as a visiting researcher. He was promoted to associate professor and subsequently to full professor at Doshisha University in 2014 and 2020, respectively. His research interests are centered on the creation of artificial heme protein models using porphyrins and cyclodextrins and these biomedical applications thereof, especially as they relate to the physiology of gaseous small molecules like molecular oxygen, carbon monoxide, hydrogen sulfide, and nitric oxide.