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Dr. Sohsuke Ohno is a staff scientist of Planetary Exploration Research Center (PERC), Chiba Institute of Technology (Chitech), Japan. He received his PhD in Earth and Planetary Science from the University of Tokyo, Japan, in 2005. He worked as a JSPS postdoctoral fellow at the Graduate School of Frontier Sciences in the University of Tokyo in 2006 and an assistant professor in the Institute for Study of the Earth's Interior (ISEI) in Okayama University from 2007 to 2009. He has been performing research in planetary science and astrobiology, with a focus on the physics and chemistry of hypervelocity meteorite impact and the mass extinction at the end of the Cretaceous. He estimated the chemical composition of the K/Pg impact-induced vapor based on laboratory experiments and showed the importance of the sulfuric acid rain and ocean acidification following the impact (Ohno et al., 2014 nature geoscience, doi:10.1038/ngeo2095). He also leads the Biopause project, which is a scientific balloon experiment to investigate stratospheric bioaerosols and determine the upper boundary of the biosphere, as a principal investigator. He received the Osaka University's Kondo Prize in 2014 as a young researcher who has outstanding research achievements in laser energy research.