354 Diamond microscope unlocks ancient rocks’ magnetic secrets
Quantum sensor reveals clues about plate tectonics, planet formation, and climate change with exquisite resolution  
By P. Voosen  
SCIENCE ADVANCES RESEARCH ARTICLE BY A. R. BRENNER ET AL. 10.1126/SCIAV.AAZ8670; PODCAST

355 Heat-protected plants offer cool surprise—greater yields
Engineered rice grows better at normal temperatures   
By E. Stokstad

356 A rampage through the body
The lungs are ground zero, but COVID-19 also tears through organ systems from brain to blood vessels  
By M. Wadman et al.  
359 Survivors’ burden  
By K. Servick  
PODCAST

357 Mucosal immunity and the eradication of polio
Completing global polio eradication will require a new oral vaccine  
By A. N. Donlan and W. A. Petri Jr.  
RESEARCH ARTICLE p. 401

363 Super-rotating the venusian atmosphere
Analysis of spacecraft observations deciphers the source of fast atmospheric rotation  
By S. Lebonnois  
REPORT p. 405

365 Cultivating fungal research
Growing interest in host-fungal interactions has implications for human health and disease  
By H. H. Kong and J. A. Segre

367 Next-generation epigenetic inhibitors
Selective bromodomain inhibitors provide new opportunities to modulate transcription  
By P. Filippakopoulos and S. Knapp  
RESEARCH ARTICLE p. 387

368 Nuanced changes in insect abundance
Trends in insect abundance vary across time, ecosystems, and continents  
By M. Dornelas and G. N. Daskalova  
REPORT p. 417

369 Calcium as a biased cofactor
Crystal structure of an anti-obesity drug target reveals an important calcium-binding site  
By M. Chaturvedi and A. K. Shukla  
REPORT p. 428

371 Mary Lowe Good (1931–2019)
Renowned chemist, respected leader, and inspiring mentor  
By M. A. Cavanaugh

353 Mass screening weighed for type 1 diabetes risk
Studies find benefit to testing thousands of children for antibodies that precede symptoms  
By J. Couzin-Frankel

351 NIH organizes hunt for drugs
Firms to help prioritize treatment and vaccine trials  
By J. Kaiser

352 Indigenous communities in Brazil fear pandemic’s impact
Other infections and scant medical care may worsen toll  
By I. Amigo

353 Dissolved oxygen and pH criteria leave fisheries at risk
Regulations have not kept pace with scientific understanding of coastal hypoxia and acidification  
By S. J. Tomasetti and C. J. Gobler