ON THE COVER For much of the year, Caño Cristales in Colombia, known as “the river that runs away from paradise,” consists of a bed of rocks covered in dull green mosses. After the annual rainy season, the Macarenia plant grows in the riverbed and produces carotenoid pigments to protect against oxidation and UVA rays. The associated bright red color mixes with colors of algae and mineral deposits to create a magical spectacle of a living rainbow. Elsewhere in Colombia the mountains are thick with another antioxidant-producing plant that captivates the senses, the indispensable Coffea arabica. In this issue, Yuan & Larsson perform a Mendelian randomization study to show that higher coffee consumption may reduce kidney stones, and in an accompanying editorial Ferraro & Curhan discuss how this genetic technique can derive causal estimates without requiring an expensive trial. (see pp 3 and 9).

The photo “CAÑO CRISTALES – LOS OCHOS 01”, by Mario Carvajal, is released under the CC BY 3.0 license and is available via Wikimedia Commons.

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