

## THE COFFEE & ALCOHOL BUZZ

The pros and cons of your morning caffeine fix and happy-hour go-to on your overall digestive health. BY RYAN HATCH

AMERICA IS a hopped-up AMERICA IS a hopped-up nation. Every day, nearly two-thirds of Americans down a cup of coffee or more. About 55 percent of people over 18 as ythey have had at least one alcoholic drink in the previous month. And these trends are not slowing down—revenues for both continue to climb year after year. Perhaps it's no surprise: Caffeinated and alcoholic beverages are part of our beverages are part of our culture, and they're often

woven into people's lives on a regular basis, and there seems to be an equal obsession with their effects. obsession with their effects. Study upon study details the good, the bad, and the ugly of their impacts on cancer and other diseases, along with how they shape mental health and personal relationships. The effects of caffeine and alcohol are commonly less known, however, when discussion we health a with discussing gut health, a vital part of our overall well-being.

On caffeine—a central nervous system stimulant classified as a syschoactive drug—people report increased mental alertness and energy boots. Elements of coffec (an eight-ource cup has about 95 milligrams of caffeine) are also shown in about a third of people to keep things, well, moving along, by stimulating bowel movements and increasing

along, by stimulating bowel movements and increasing muscle motility in the colon. Experts say drinking coffee can, in moderation, help build a healthy gut, espe-cially when it's a blend like light roast, which contains antioxidants and more plant chemicals called polyphe-nols than darker blends. These help feed the microbiome.

These help feed the microbiome. But not everyone reacts well to acfiere no matter how exceptional the coffee is sometimes it's simply too powerful of a drug or a tolerance hasn't yet developed. "For some, the body doesn't velocome cashing to the says Tracy Lockwood Beckerman, RD, the author of the newly released book *The Better Proof Food Solution.* "That's why we experience things like heart papitations. We get j tweet," experience trings like heart papitations. We get jittery. We get sweaty: Like so much else, experts say genetics and circum-statistic strates and circum-strates and circum-strates and strates and circum-strates and strates and circum-timbalance can lead to an adverse reaction to caffeine, but so to can body composition. The gene known as CVP142 helps determine the way humans process caffeine. Those with two "fast" versions (one from each parent) of CYP142 metabolize caffeine quickly and can better reap coffee's benefits. About half of us fail into this group. of us fall into this group. Around 40 percent have a

copy of each the fast and slow variation and metabo-lize caffeine at a more moderate pace. The final 10 lize caffeine at a more moderate pace. The final 10 percent carry two of the slow genes and, in turn, can suffer from more immediate and harsher effects. like nauses or diarrhea, especially if coupled with other factors. Fair warning: Belonging to faster metabolizing groups doesn't mean being granted carte blanche. 'No matter how you slice it, [caffeine] becomes too rouch of an artificial stimulant.'' says Raphael Keliman. MD, the author of The Microbiome Breakthrough: Hamass the Power of Your Gut Bacteria to Boost Your Mod and Heal Your Body. 'It is a very function of the author of the author alkohohi in contrast to caffeine, is a depressant that does its oom work on the gut. Too much can wreak havoc and damage tissue in the digestive tract. leading to malabsoption of key. (While Ones, (While One Valto) and without blaating and es, (While ones, (While ones, While one)

one cup of coffee per day.

malabsorption of key nutrients, along with bloating and gas. (While one can develop a tolerance for higher volumes of alcohol in the body, the gut never gets used to it, exacerbating the problems.) But recent research shows that the proper amount of alcohol and the proper kind might be and the proper kind might be just right. In August 2019, King's College London conducted one of the largest studies of its kind. Researchers reported that

Researchers reported people who drank red wir like those who consume quality coffee, had a more quality coffee, had a more diverse gut microbiome, since its compounds release polyphenols (found in fruits and vegetables); these also may lead to a lower risk of heart disease and being overweight. (Beer, white wine, and other spirits did not produce these same rasult ) same results.) Still, it requires caution.



Megan Rossi, PhD. the author of the recent book that any more than the says that any more than the says that any more that has no glasses of red wine starts to derail any benefits, since our guts can be sensitive to alcohol. "Alcohol) can increase or change gut motility". Dr. Rossi says, "People can feel quite bloated and fluid ang det abit of indigestion." At the same time, she adds, too much alcohol can speed things up elsewhere in the gut, which, she says, "is why often a lot of people canget diarrhea then ext morning." However, there remans aliver (gut) lining, Dr. Ross i notes that even several nights out mobing is "not devastat-ing to the rest of your life way naeth." Indeed, each person is unque, what's good for one person may not be for another, But, for now, go ahead and drink high-quality coffee and enjoy small amounts of red wine until your body tells you therwise. ● your body tells you otherwise. ●

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