

# COFFEE & TEA RESEARCH: LOTS A TEA, COFFEE TINY LIFE

*Research about particular hot (or not so hot) beverages  
compiled by Dirk Manley, Improbable Research staff*

## The Man Who Drank 15 Liters of Tea per Day

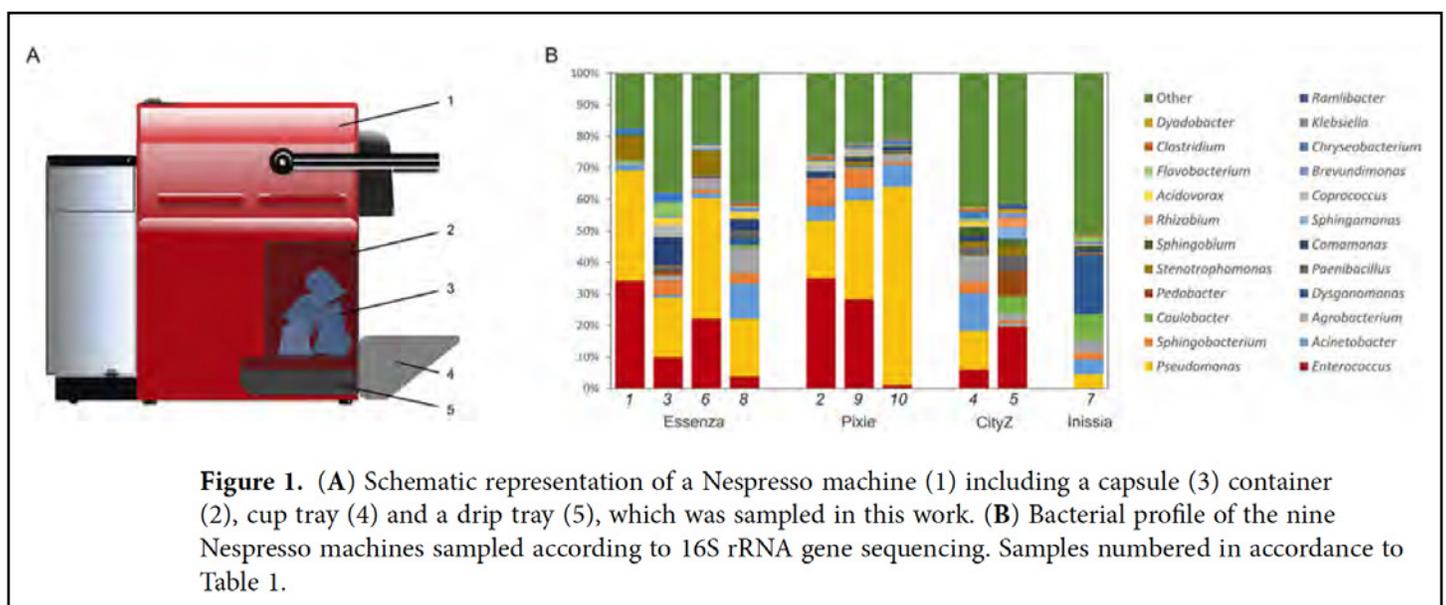
“Severe Rhabdomyolysis Following Massive Ingestion of Oolong Tea: Caffeine Intoxication with Coexisting Hyponatremia,” Y. Kamijo, K. Soma, Y. Asari, and T. Ohwada, *Veterinary and Human Toxicology*, vol. 41, no. 6, December 1999, pp. 381-383. The authors, at Kitasato University School of Medicine in Kanagawa, Japan, report:

A 36-y-o patient with schizophrenia, who had consumed gradually increasing quantities of oolong tea that eventually reached 15 liters each day, became delirious and was admitted to a psychiatric hospital. After abstinence from oolong tea his delirium resolved. He was transferred to our hospital when he was discovered to have acute renal failure with hyponatremia and severe rhabdomyolysis.

## Coffee-Making Supports Lots of Little Life

“The Coffee-Machine Bacteriome: Biodiversity and Colonisation of the Wasted Coffee Tray Leach,” Cristina Vilanova, Alba Iglesias, and Manuel Porcar, *Scientific Reports*, vol. 5, no. 17163, 2015. The authors, at Universitat de València, Spain, report:

Here we present the first systematic analysis of coffee machine-associated bacteria. We sampled the coffee waste reservoir of ten different Nespresso machines and conducted a dynamic monitoring of the colonization process in a new machine. Our results reveal the existence of a varied bacterial community in all the machines sampled, and a rapid colonisation process of the coffee leach. The community developed from a pioneering pool of enterobacteria and other opportunistic taxa to a mature but still highly variable microbiome rich in coffee-adapted bacteria.



*Detail from the study “The Coffee-Machine Bacteriome: Biodiversity and Colonisation of the Wasted Coffee Tray Leach.”*