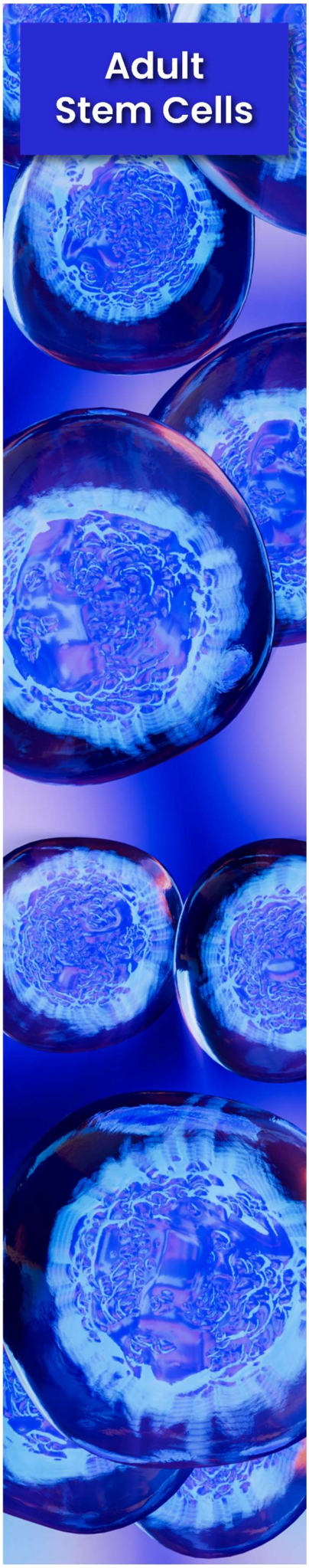


Alomac

Better Aloe from Madagascar

Alomac® is a unique aloe, found only in Madagascar, and shown to upregulate the stem cells in the body *better than any other natural product* and without the toxicity of unnatural products.

Drapeau, C, Benson, K.F, James. J, and Jensen, G.S. (2015) **Aloe *macroclada* from Madagascar Triggers Transient Bone Marrow Stem Cell Mobilization**, *Journal of Stem Cell Research & Therapy*, 5:6, DOI: 10.4172/2157-7633.1000287

Objective: Aloe has been used for the treatment of various ailments dating back almost 6000 years. There are more than 450 species of aloe coming from various parts of Africa and South America, and from the island of Madagascar that contain unique species endemic to the island. One such species is Aloe *macroclada* that has been used for centuries by the local residents as a remedy for a wide variety of ailments. We investigated whether the mechanism of action behind the wide-ranging health benefits of A. *macroclada* could be mobilization of bone marrow stem cells.

Methods: A. *macroclada* was prepared into small spherical pellets by Malagasy healers using traditional methods of fabrication. The traditional dose of three pellets was fed to 4 volunteers and the number of circulating stem cells was quantified 1, 2 and 3 hours after consumption using flow-cytometry.

Results: The usual dose and preparation of A. *macroclada* traditionally used in Madagascar triggered a significant increase (up to 53%) in the number of circulating CD45dim CD34+ and CD34+ CD133+ stem cells within 2 hours of consumption. This increase lasted more than 3 hours and was significant after 120 and 180 minutes of consumption.

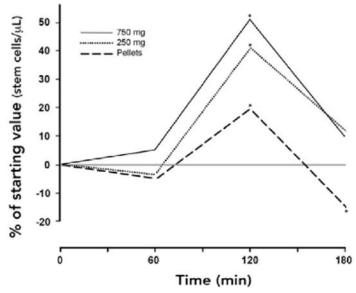
Conclusion: Consumption of A. *macroclada* has been credited with significant improvements in a wide variety of heath conditions. This data suggests that stem cell mobilization may be an important mechanism of action behind the health benefits of A. *macroclada*.

Following this positive study with healer-made pellets (calculated to contain 70-100mg A. *macroclada* gel), additional clinical studies were performed on the pure A. *macroclada* gel powder. Subjects were dosed at 250 and 750mg and samples were taken to monitor stem cell concentrations similarly to the first study. These studies have not yet been published, however some preliminary data is available at this time.

Data from pellets to Alomac powder from 2019 at 2 different concentrations

The two following graphs show the average CD34+CD133 cell counts over time for each dose group and the maximum level with standard error of mean within the group. The percent change in circulating CD34+CD133 stem cells following consumption of A. *macroclada* is shown as averages. The percent change compared to baseline stem cell numbers in the blood circulation was calculated from each of the study participants and then averaged.

Overlay of Stem Cell Counts for Each Dose Group



Average Maximum with SE Bars