

Building Partnership for Drug and Ag Discovery and Conservation of the Natural Resources in Brazil <u>Cerdeira AL</u>¹, Walker LA², Moraes RM², Khan IA², França SC³. Pereira AMS³, Pimentel FA⁴, Matallo MB⁵

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Cerrado, Brazilian savanna, covers 2 million km², representing 23% of the land surface of the country. It occupies the central part of Brazil, from the margin of the Amazonian forest to outlying areas in the southern states of Sao Paulo, According to Dias' [1] estimation, the Cerrado contains 160,000 species of plants, fungi and animals. This proposed research program will expand and upgrade the conservation effort. The project will: 1) build an International Partnership on Conservation and Natural Product Discovery; 2) map and protect the genetic resources by establishing germplasm bank of two endemic families Leguminosae and Combrestaceae; 3) search for new pharmaceuticals and agrochemicals to control tropical diseases, and agricultural pests and pathogens, 4) create an Eco-extract-library and ex situ collections for future studies; 5) es-