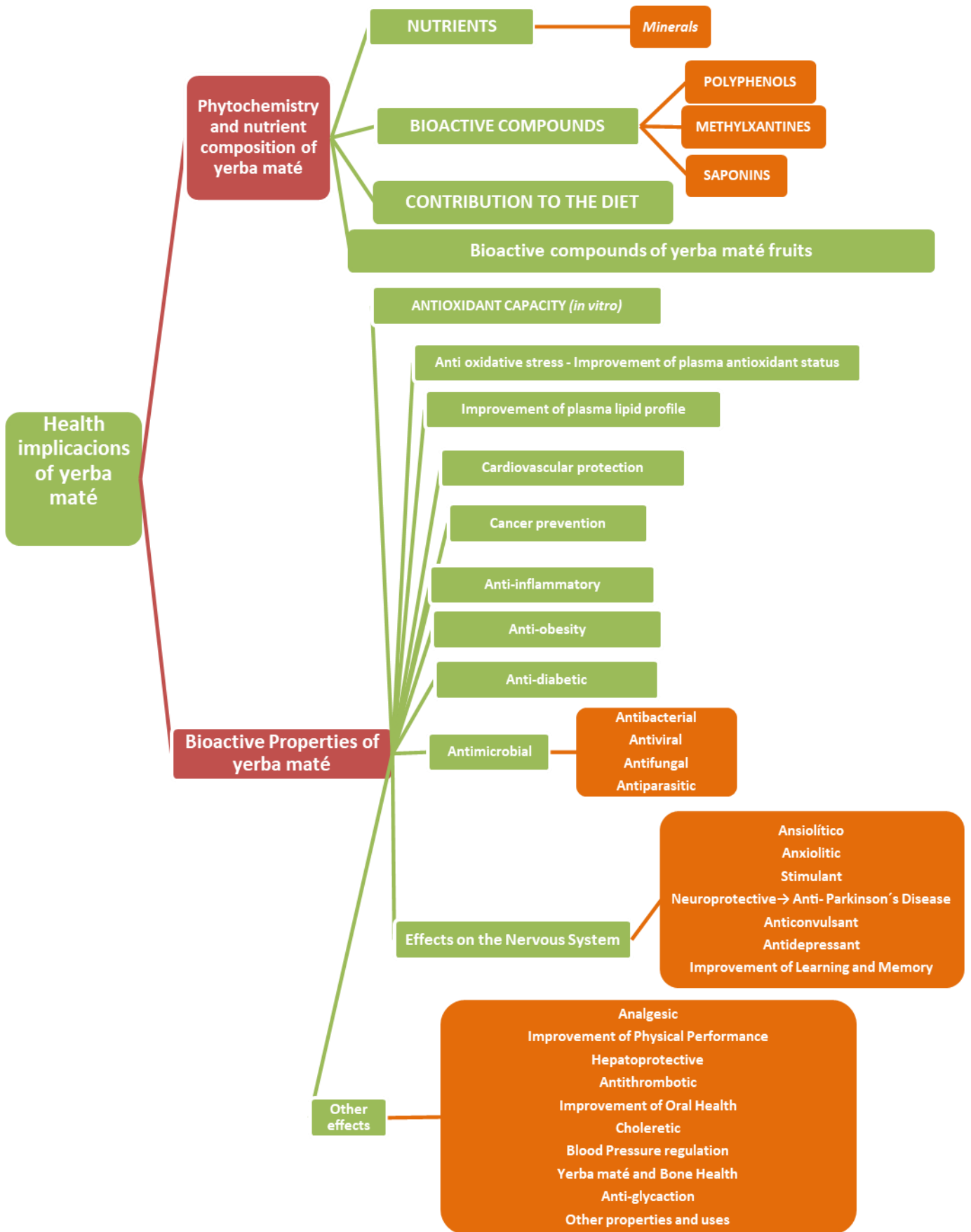


*DOCUMENTAL DATABASE*

***HEALTH IMPLICATIONS  
OF YERBA MATÉ***

# HEALTH IMPLICATIONS OF YERBA MATÉ

## Documental Database: Health implications of yerba maté



DOCUMENTAL DATABASE  
*HEALTH IMPLICATIONS OF YERBA MATÉ*

**PHYTOCHEMISTRY AND NUTRIENT COMPOSITION OF YERBA MATÉ**

**Bioactive compounds**

***Polyphenols***

Bastos y col. (2005)	Grujic y col. (2012)	Bastos y col. (2006b)
Bastos y col. (2006b)	Isolabella y col. (2010)	Blum-Silva y col. (2015)
Bastos y col. (2007)	Jaiswal y col. (2010)	Bojic y col. (2013)
Blum-Silva y col. (2015)	Lima y col. (2016)	Cardozo y col. (2007)
Bojic y col. (2013)	Mazzafera (1997)	Clifford y Ramirez-Martinez (1990)
Bravo y col. (2007)	Meinhart y col. (2010)	Dartora y col. (2011)
Butiuk y col. (2016)	Murakami y col. (2013)	Isolabella y col. (2010)
Cardozo y col. (2007)	Nakamura y col. (2009)	Marx y col. (2003)
Carini y col. (1998)	Pagliosa y col. (2010)	Mazzafera (1994)
Clifford y Ramirez-Martinez (1990)	Peres y col. (2013)	Mazzafera (1997)
Colpo y col. (2016)	Pinto y col. (2015)	Meinhart y col. (2010)
Dartora y col. (2011)	Ricco y col. (1991)	Murakami y col. (2013)
de Oliveira y col. (2016)	Rivelli y col. (2007)	Nakamura y col. (2009)
Dugo y col. (2009)	Schubert y col. (2007)	Pagliosa y col. (2010)
Dutra y col. (2010)	Souza y col. (2015)	Pinto y col. (2015)
Escalada y col. (2011)	Turner y col. (2011)	Rivelli y col. (2007)
Fernandes y col. (2016)	Valerga y col. (2012)	Rodríguez Vaquero y col. (2010)
Ferreira da Silveira y col. (2016a)	Valerga y col. (2013)	Saldaña y col. (1999)
Filip y col. (2001)	Vieira y col. (2010)	Scherer y col. (2002)
Frizon y col. (2015)	Zielinski y col. (2014)	Schubert y col. (2006)
	<b><i>Methylxanthines</i></b>	Schubert y col. (2007)
	Athayde y col. (2007)	Vieira y col. (2010)
	Bastos y col. (2005)	

**HEALTH IMPLICATIONS OF YERBA MATÉ****Saponins**

Andrade y col. (2002)  
 Coelho y col. (2010)  
 de Souza y col. (2011)  
 Gnoatto y col. (2005)  
 Gosmann y col. (1989)  
 Gosmann y col. (1995)  
 Kraemer y col. (1996)  
 Martinet y col. (2001)  
 Murakami y col. (2013)  
 Nakamura y col. (2009)  
 Schenkel y col. (1996)  
 Sugimoto y col. (2009)

Ferreira da Silveira y col. (2016b) (carotenoides)

Ramallo y col. (1998)

Souza y col. (2015)

**Minerals**

Baran y col. (2017)

Barbosa y col. (2015)

Carducci y col. (2000)

Giulian y col. (2007)

Heinrichs y Malavolta (2001)

Jacques y col. (2007)

Maiocchi y col. (2016)

Pereira y col. (2016)

Ramallo y col. (1998)

**CONTRIBUTION TO THE DIET**

de Olivera y col. (2017)

Gebara y col. (2017)

Sanchez Boado y col. (2015)

**BIOACTIVE COMPOUNDS OF YERBA MATÉ FRUITS**

Cogoi y col. (2013)

Fernandes y col. (2017)

Pavei y col. (2007)

Peixoto y col. (2012)

Schubert y col. (2007)

Taketa y col. (2004b)

**NUTRIENTS****BIOACTIVE PROPERTIES OF YERBA MATÉ****ANTIOXIDANT CAPACITY**

Actis Goretta y col. (2002)  
 Anesini y col. (2006)  
 Anesini y col. (2012)  
 Baran y col. (2017)  
 Bastos y col. (2006a)  
 Bravo y col. (2007)

Chandra y de Mejía (2004)

Colpo y col. (2016)

Dartora y col. (2011)

Dudonné y col. (2009)

Efing y col. (2009)

Escalada y col. (2011)

Fernandes y col. (2016a)

Fernandes y col. (2016b)

Fernandes y col. (2017)

Filip y col. (2000)

Grujic y col. (2012)

Hartwig y col. (2012)

Leonard y col. (2010)

Murakami y col. (2013)

Pagliosa y col. (2010)

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Piovezan-Borges y col. (2016)

Portela y col. (2016)

Rivelli y col. (2007)

Rodríguez Vaquero y col. (2010)

Sari y col. (2007)

Schinella y col. (2000)

Turner y col. (2011)

Valduga y col. (2016)

Vieira y col. (2010)

Zielinski y col. (2014)

**ANTI OXIDATIVE  
STRESS –  
IMPROVEMENT OF  
PLASMA ANTIOXIDANT  
STATUS**

Barg y col. (2014)

Bixby y col. (2005)

Boaventura y col. (2012)

Boaventura y col. (2013)

Boaventura y col. (2015b)

Bracesco y col. (2003)

Colpo y col. (2017)

da Cunha y col. (2011)

da Silva y col. (2008)

Erben y col. (2014)

Fernandes y col. (2012)

Gugliucci y Bastos (2009)

Gugliucci y col. (1996)

Gugliucci y Stahl (1995)

Lanzetti y col. (2008)

Lanzetti y col. (2012)

Martins y col. (2009)

Matsumoto y col. (2009a)

Matsumoto y col. (2009b)

Menini y col. (2009)

Morgan Martins y col. (2013)

Panza y col. (2016)

Pereira y col. (2017a)

Ranilla y col. (2012)

Rivelli y col. (2011)

Sánchez Boado y col. (2015)

Zenaro y col. (2014)

**IMPROVEMENT OF  
PLASMA LIPID PROFILE**

Balzan y col. (2013)

Bravo y col. (2014)

de Morais y col. (2009)

Fernandes y col. (2016a)

Gao y col. (2013a)

Hussein y col. (2011b)

Klein y col. (2011)

Martins y col. (2010)

Melo y col. (2007)

Messina y col. (2015)

Morgan Martins y col. (2013)

Przygodda y col. (2010)

Resende y col. (2015)

Stein y col. (2005)

**CARDIOVASCULAR  
PROTECTION**

Balzan y col. (2013)

Borges y col. (2013)

Cahuê y col. (2017)

Cardozo Junior y Morand (2016)

de Morais y col. (2009)

Fantinelli y col. (2016)

Gao y col. (2013a)

Gao y col. (2013b)

Gao y col. (2013c)

González Arbeláez y col. (2016)

Görgen y col. (2005)

Menini y col. (2009)

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Moraes-Pontilho y col.  
(2015)

Mosimann y col. (2006)

Santiago y col. (2017)

Schinella y col. (2005)

Schinella y col. (2009)

Stein y col. (2005)

Strassmann y col. (2008)

Yu y col. (2015)

**ANTI-CANCER**

Amigo-Benavent y col.  
(2017)

Boaventura y col. (2015a)

Bracesco y col. (2003)

Chandra y de Mejía (2004)

da Silva y col. (2009)

De Mejía y col. (2005)

de Mejía y col. (2010)

Frant y col. (2012)

Gnoatto y col. (2008)

Kaezer y col. (2012)

Miranda y col. (2008)

Pérez y col. (2014)

Puangpraphant y col.  
(2011a)

Puangpraphant y col.  
(2011b)

Puangpraphant y col. (2013)

Ramírez-Mares y col. (2004)

Ramirez-Mares y col. (2016)

Souza y col. (2015)

Zapaterini y col. (2010)

**ANTI-INFLAMMATORY**

Arçari y col. (2011)

Cittadini y col. (2017)

Dartora y col. (2013)

Lanzetti y col. (2008)

Luz y col. (2016)

Muñoz-Culla y col. (2016)

Puangpraphant y col. (2013)

Puangpraphant y de Mejía  
(2009)

Schinella y col. (2014)

Souza y col. (2015)

**ANTI-OBESITY**

Arçari y col. (2009)

Arçari y col. (2013a)

Arçari y col. (2013b)

Borges y col. (2013)

Carmo y col. (2013)

Choi y col. (2017)

Conceição y col. (2017)

Fujii y col. (2014)

Gambero y Ribeiro (2015)

Gamboa-Gómez y col.  
(2015)

Gossman y col. (2012)

Hussein y col. (2011a)

Hussein y col. (2011b)

Kang y col. (2012)

Kim y col. (2012)

Kim y col. (2015)

Lima y col. (2014a)

Lima y col. (2014b)

Martins y col. (2010)

Melo y col. (2007)

Oh y col. (2016)

Pang y col. (2008)

Pimentel y col. (2013)

Przygodda y col. (2010)

Resende y col. (2012)

Resende y col. (2015)

Santos y col. (2014)

Silva y col. (2011)

**ANTI-DIABETIC**

**HEALTH IMPLICATIONS OF YERBA MATÉ**

Arçari y col. (2011)

Arçari y col. (2013a)

Hussein y col. (2011b)

Kang y col. (2012)

Klein y col. (2011)

Melo y col. (2007)

Morgan Martins y col.  
(2013)

Oliveira y col. (2008)

Przygodda y col. (2010)

Ríos y col. (2015)

**ANTIMICROBIAL****Antibacterial**

Battagim y col. (2012)

Burriss y col. (2011)

Burriss y col. (2012b)

Burriss y col. (2015)

Carelli y col. (2011)

Cogo y col. (2010) (anti  
*Helicobacter pylori*)

de Biasi y col. (2009)

Fernandes y col. (2016b)

Fernandes y col. (2017)

Girolometto y col. (2009)

Kubo y col. (1993)  
(anticariogénica)

Prado Martin y col. (2013)

Rempe y col. (2015)

Rempe y col. (2017)

Rodríguez Vaquero y col.  
(2010)

Sari y col. (2007)

Tsai y col. (2008)  
(anticariogénica)**Antiviral**Lückenmeyer y col. (2012)  
(anti Herpes)Müller y col. (2007) (anti  
Herpes y anti Rabia)**Antiparasitic**Mullié y col. (2010) (anti  
Malaria)Taketa y col. (2004a)  
(antitripanosómica)Treter y col. (2010)  
(antitricomonas)**Antifungal**

de Biasi y col. (2009)

Filip y col. (2010) (anti  
*Malazessia furfur*)**EFFECTS ON THE  
NERVOUS SYSTEM****Anxiolytic**

Santos y col. (2015)

**Stimulant**

Falconi y col. (2013)

Santos y col. (2015)

Tortero y col. (2014)

**Neuroprotective**

Bortoli y col. (2017)

Colpo y col. (2007)

de Lima y col. (2017)

Gatto y col. (2015)  
(antiparkinsoniano)

Ludka y col. (2016)

Melcón y col. (2014)  
(antiparkinsoniano)Milioli y col. (2007)  
(antiparkinsoniano)

Santos Branco y col. (2013)

Santos y col. (2015)

**Anticonvulsant**

Santos Branco y col. (2013)

**Antidepressant**

Moraes Reis y col. (2014)

**Improvement of learning  
and memory**

Prediger y col. (2008)

**OTHER EFFECTS****Anti-glycation**

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Bains y Gugliucci (2017)	<i>Hepatoprotective</i>	<i>Blood pressure regulation</i>
Gugliucci y col. (2009)	Tamura y col. (2013)	Muccillo Baisch y col. (1998)
Lucenford y Gugliucci (2005)	<i>Antithrombotic</i>	<i>Yerba mate and bone health</i>
Melo y col. (2007)	Dahmer y col. (2012)	Brun y col. (2015)
Oliveira y col. (2008)	<i>Improvement of oral health</i>	Brun y col. (2016)
Pereira y col. (2012)	Brasilino y col. (2017)	Conforti y col. (2012)
<i>Analgesic</i>	Filip y col. (2007)	Pereira y col. (2017)
de Carvalho y col. (2016)	Kubo y col. (1993) (anticariogénica)	<i>Other properties and uses</i>
Lim y col. (2015)	Tsai y col. (2008) (anticariogénica)	Ribeiro y col. (2017)
<i>Improvement of physical performance</i>	<i>Coleretic</i>	
Alkhatib y Atcheson (2017)		
Alkhatib y col. (2014)	Gorzalczany y col. (2001)	

**REVIEWS**

***NUTRIENT COMPOSITION, BIOACTIVE COMPOUNDS, AND HEALTH IMPLICATIONS OF YERBA MATÉ***

Bracesco y col. (2011)	Fagundes y col. (2015)
Burriss y col. (2012a)	Heck y de Mejía (2007)
Cuelho y col. (2015)	Riachi y De María (2017)



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