

SDC: Supplementary Tables

Table S1. Herbal product sources, validation, and extract details

Herbal Products	Trade Names of Herbal Products	Source	Validation/ID	Extract Details
<i>Juglans nigra</i> (husk/hull)	Black walnut	Pacific Botanicals (Wild harvested)	Organoleptic, KW Botanicals	45% ETOH extract of husk/hulls by KW Botanicals
<i>Juglans nigra</i> (husk)	Black walnut	Heron Botanicals (Wild harvested, New York)	Organoleptic, Heron Botanicals	30, 60, 90% ETOH by Heron Botanicals
<i>Rhizoma coptidis</i>	Coptis	Hawaii Pharm LLC (Certified organic coptis)	Organoleptic, Hawaii Pharm, LLC	Dry Herb Glycerite , Herb/Menstruum ratio 1:3, Glycerin/Water ratio 6:4
<i>Polygonum cuspidatum</i>	Japanese knotweed	Heron Botanicals (Organic cultivation, China)	Organoleptic, Heron Botanicals	30% ETOH by Heron Botanicals
<i>Stevia rebaudiana</i>	Tian ju ye	Sonoma County Herb Exchange (Cultivated)	Organoleptic, KW Botanicals	25% ETOH extract by KW Botanicals
<i>Uncaria tomentosa</i> bark	Samento	NutraMedix, LLC (Jupiter, Florida)	Per manufacturer	Samento bark 20- 24% ETOH extract
<i>Citrus paradisi</i>	Grapefruit seed extract	Cintamani, Poland (Citrosept <sup>TM</sup> )	Cintamani, Poland	Organic grapefruit seed extract
<i>Andrographis paniculata</i>	Chuan xin lian	Hawaii Pharm LLC (Wild harvested, China)	Organoleptic, Hawaii Pharm, LLC	Dry Herb Glycerite , Herb/Menstruum ratio 1:3,

				Glycerin/Water ratio 6:4
<i>Artemisia annua</i>	Sweet wormwood	Heron Botanicals (Organic cultivation)	American Herbal Pharmacopoeia (Scotts Valley, CA), Organoleptic, Heron Botanicals Confirmed 0.11% Artemisinin content, The Institute for Food Safety and Defense	30, 60, 90% ETOH by Heron Botanicals
<i>Otoba</i> spp. bark	Banderol	NutraMedix, LLC (Jupiter, Florida)	Per manufacturer	Banderol bark 20-24% ETOH extract
<i>Polygonum cuspidatum</i>	Hu zhang	Hawaii Pharm LLC (Wild harvested, China)	Organoleptic, Hawaii Pharm, LLC	Dry Herb Glycerite , Herb/Menstruum ratio 1:3, Glycerin/Water ratio 6:4
<i>Cryptolepis sanguinolenta</i>	Cryptolepis	Heron Botanicals (Wild harvested, Ghana)	HPTLC, The Institute for Food Safety and Defense Organoleptic, Heron Botanicals	30, 60, 90% ETOH by Heron Botanicals
<i>Scutellaria baicalensis</i>	Huang qin	Hawaii Pharm LLC (Wild harvested, China)	Organoleptic, Hawaii Pharm, LLC	Dry Herb Glycerite , Herb/Menstruum ratio 1:3, Glycerin/Water ratio 6:4

<i>Scutellaria barbata</i>	Ban zhi lian	Hawaii Pharm LLC (Wild harvested, China)	Organoleptic, Hawaii Pharm, LLC	Dry Herb Glycerite , Herb/Menstruum ratio 1:3, Glycerin/Water ratio 6:4
<i>Campsiandra angustifolia</i> bark	Cumanda	NutraMedix, LLC (Jupiter, Florida)	Per manufacturer	Cumanda bark 20- 24% ETOH extract
<i>Uncaria rhynchophylla</i>	Gou Teng	Hawaii Pharm LLC (Certified organic, China)	Organoleptic, Hawaii Pharm, LLC	Dry Herb Glycerite , Herb/Menstruum ratio 1:3, Glycerin/Water ratio 6:4
<i>Dipsacus fullonum</i>	Gao liang jiang	Friend's of the Trees (wild harvested, Washington State)	DNA Species Identification, NSF International	40% ETOH by KW Botanicals (Inadvertently comingled with <i>D. asper</i> sample prior to testing)
<i>Uncaria tomentosa</i>	Uncaria	Mountain Rose Herbs (Wild harvested)	DNA Species Identification, Christopher Hobbs, Ph.D.	50% ETOH by KW Botanicals
<i>Andrographis paniculata</i>	Andrographis	Heron Botanicals (Organic cultivation, China)	Organoleptic, Heron Botanicals	30% ETOH by Heron Botanicals
Colloidal silver	Argentyn 23®	Argentyn 23®	Per manufacturer	Bio-Active Silver Hydrosol™

ETOH, ethanol.

**Table S2. Activity of other tested herbal products against stationary phase *Bartonella henselae* <sup>1</sup>**

Herbal Products (HP) and Control Drugs	Trade Names of Herbal Products	Residual Viability (%) after 1% HP or Antibiotic Treatment		Residual Viability (%) after 0.5% HP Treatment	
		Plate Reader <sup>2</sup>	Microscope <sup>3</sup>	Plate Reader <sup>2</sup>	Microscope <sup>3</sup>
Drug free control		70%	75%		
DMSO control		60%	70%		
30% alcohol		70%	78%		
60% alcohol		80%	82%		
90% alcohol		65%	63%		
AZI		70%	65%		
DOX		66%	60%		
GEN		44%	50%		
RIF		31%	45%		
DAP		6%	10%		
Methylene Blue		29%	35%		
Miconazole		40%	50%		
Colloidal silver	Argentyn 23®	18%	37%	45%	76%
<i>Andrographis paniculata</i>	Chuan xin lian GE (Hawaii Pharm)	19%	38%	24%	50%
<i>Uncaria rhynchophylla</i>	Gou teng GE (Hawaii Pharm)	19%	39%	43%	88%
<i>Rhizoma coptidis</i>	Coptis GE (Hawaii Pharm)	21%	41%	22%	50%
<i>Citrus paradisi</i>	Grapefruit seed extract (Citrocept)	21%	38%	48%	89%
<i>Uncaria tomentosa</i> bark	Samento 20-24% AE (NutraMedix)	24%	50%	29%	65%
<i>Stevia rebaudiana</i> fol	Tian ju ye 25% AE (Sonoma County Herb Exchange)	24%	40%	48%	83%

<i>Artemisia annua</i>	Sweet wormwood 60% AE (Heron Botanical)	26%	42%	43%	75%
<i>Dipsacus fullonum</i>	Teasel 40% AE (Friend's of the Trees)	28%	57%	40%	78%
<i>Artemisia annua</i>	Sweet wormwood 90% AE (Heron Botanical)	30%	50%	45%	80%
<i>Uncaria tomentosa</i> cort	Uncaria 50% AE (Mountain Rose Herbs)	32%	60%	45%	82%
<i>Andrographis paniculata</i>	Andrographis 30% AE (Heron Botanicals)	35%	65%	44%	81%
<i>Artemisia annua</i>	Sweet wormwood 30% AE (Heron Botanical)	40%	70%	58%	90%
<i>Otoba sp.</i> bark	Banderol 20-24% AE (NutraMedix)	41%	83%	50%	87%
<i>Campsiandra angustifolia</i> bark	Cumanda 20-24% AE (NutraMedix)	50%	85%	56%	90%

<sup>1</sup> A five-day-old stationary phase *B. henselae* culture was treated with herbal products (1% or 0.5%) (v/v) or control drugs for three days. Drug concentrations used in this experiment were based on their C<sub>max</sub> and were as follows: 0.2 µg/mL AZI, 2.4 µg/mL DOX, 10 µg/mL GEN, 7.8 µg/mL RIF, 60 µg/mL DAP, 2.9 µg/mL methylene blue, and 6.3 µg/mL miconazole. <sup>2</sup> Residual viability was calculated according to the regression equation and the ratio of Green/Red fluorescence obtained by SYBR Green I/PI assay. <sup>3</sup> Residual viability was assayed by fluorescence microscope counting as described in the Methods. Abbreviations: AZI, azithromycin; DAP, daptomycin; DOX, doxycycline; GEN, gentamicin; RIF, rifampin; DMSO, dimethyl sulfoxide; AE, alcohol extract; GE, glycerite extract.