

# Immunosuppressive activity of *Artemisia argyi* extract and isolated compounds

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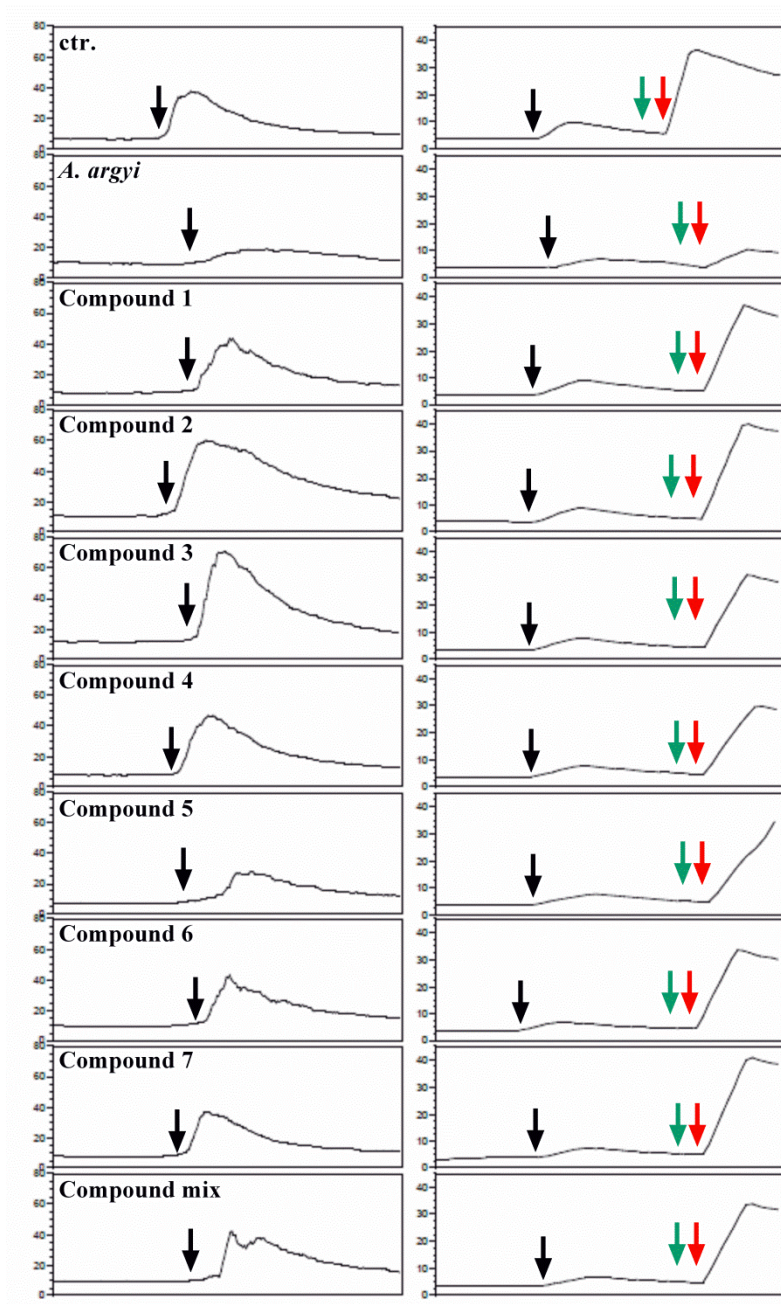
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**Supplement 1: Effect of isolated compounds and compound mix on the calcium flux in Jurkat T cells, in comparison to *A. argyi* extract.** Jurkat cells ( $0.5 \times 10^6$ ) were stained with Fluo3 and FuraRed in calcium-free medium for 45 min at 37°C. During the staining process and measurement 30  $\mu\text{g/mL}$  *A. argyi* extract or 10  $\mu\text{g/mL}$  of the compounds, or 10  $\mu\text{g/mL}$  of compound mix were present in the medium (only left panel). The calcium flux was induced by addition of the anti-CD3 mAbs (black arrows). For the investigation of SOCE, extract, compounds or compound mix were added (green arrows) after ER store depletion and calcium dichloride was supplemented (red arrows) subsequently. The results show the kinetics of calcium flux (median Fluo3/FuraRed) of untreated cells and cells treated with 30  $\mu\text{g/mL}$  *A. argyi* or 10  $\mu\text{g/mL}$  of each compound.

**Supplement 2: Table of all tested Asteraceae.**

Family	Species	Organ	Extracts
Asteraceae	<i>Centipeda minima</i>	Herb	EtOAc ASE
Asteraceae	<i>Centipeda minima</i>	Herb	DCM ASE
Asteraceae	<i>Centipeda minima</i>	Herb	MeOH ASE
Asteraceae	<i>Carthamus tinctorius</i>	Flowers/Buds	EtOAc ASE
Asteraceae	<i>Carthamus tinctorius</i>	Flowers/Buds	DCM ASE
Asteraceae	<i>Carthamus tinctorius</i>	Flowers/Buds	MeOH ASE
Asteraceae	<i>Artemisia apiacea</i>	Herb	EtOAc
Asteraceae	<i>Artemisia apiacea</i>	Herb	DCM ASE
Asteraceae	<i>Artemisia apiacea</i>	Herb	MeOH ASE
Asteraceae	<i>Artemisia argyi</i>	Herb	EtOAc
Asteraceae	<i>Artemisia argyi</i>	Herb	DCM ASE
Asteraceae	<i>Artemisia argyi</i>	Herb	MeOH ASE
Asteraceae	<i>Artemisia capillaris</i>	Herb	EtOAc
Asteraceae	<i>Artemisia capillaris</i>	Herb	DCM ASE
Asteraceae	<i>Artemisia capillaris</i>	Herb	MeOH ASE
Asteraceae	<i>Artemisia scoparia</i>	Herb	EtOAc
Asteraceae	<i>Artemisia scoparia</i>	Herb	DCM ASE
Asteraceae	<i>Artemisia scoparia</i>	Herb	MeOH ASE