

CLAIMS

1. Compositions comprising:
 - a) an extract of *Curcuma longa*, curcumin or curcumin complexed with phospholipids;
 - b) a lipophilic extract of *Zingiber officinale*; and
 - c) a lipophilic extract obtained from plants containing isobutylamides of polyunsaturated fatty acids selected from the group consisting of extract of *Echinacea spp.*, extract of *Zanthoxylum spp.* and extract of *Acmella oleracea* (*Spilanthes oleracea*).
2. Compositions according to claim 1, comprising:
 - a) curcumin complexed with phospholipids;
 - b) a lipophilic extract of *Zingiber officinale*; and
 - c) a lipophilic extract of *Echinacea spp.*, *Zanthoxylum spp.* or *Acmella oleracea* (*Spilanthes oleracea*), preferably an extract of *Zanthoxylum spp.*, more preferably an extract of *Zanthoxylum bungeanum*.
3. Compositions according to claim 1 or 2, comprising per unit dose for oral administration:
 - a) curcumin complexed with phospholipids in amounts ranging from 50 to 1000 mg,
 - b) a lipophilic extract of *Zingiber officinale* in amounts ranging from 10 to 80 mg,
 - c) a lipophilic extract of *Zanthoxylum spp.* in amounts ranging from 1 to 50 mg or, alternatively, a lipophilic extract of *Echinacea spp.* or *Acmella oleracea* (*Spilanthes oleracea*) in amounts ranging from 5 to 50 mg.
4. Compositions according to claim 3, comprising per unit dose for oral administration:
 - a) 250 mg of curcumin complexed with phospholipids;

- b) 50 mg of lipophilic extract of *Zingiber officinale*; and
 - c) 10 mg of lipophilic extract of *Zanthoxylum spp.*.
5. Compositions according to claim 1 or 2, for topical administration comprising:
- 5 a) curcumin complexed with phospholipids in amounts ranging from 0.1 to 0.5% w/w,
 - b) a lipophilic extract of *Zingiber officinale* in an amount of 0.5% w/w, and
 - c) a lipophilic extract of *Zanthoxylum spp.* in amounts ranging from 0.1
- 10 to 1% w/w, preferably of 0.5% w/w.
6. Compositions according to claim 5, comprising:
- a) 0.05% w/w of curcumin complexed with phospholipids,
 - b) 0.5% w/w of lipophilic extract of *Zingiber officinale*, and
 - c) 0.5% w/w of lipophilic extract of *Zanthoxylum spp.*.
- 15 7. Compositions according to claims 1-3, wherein the extract of *Echinacea spp.* is obtained from *Echinacea angustifolia* or *purpurea*.
8. Compositions according to claims 1-6, wherein the extract of *Zanthoxylum spp.* is obtained from *Zanthoxylum bungeanum*, *Zanthoxylum piperitum* or *Zanthoxylum armatum*.
- 20 9. Compositions according to claims 1-8, wherein the extract of *Zingiber officinale* has a gingerols and shogaols content ranging from 20 to 30% w/w, preferably of 25% w/w.
10. Compositions according to claims 1-9, for use in prevention and/or treatment of inflammation and pain.
- 25 11. Compositions for use according to claim 10, wherein the inflammation and pain are osteoarticular.