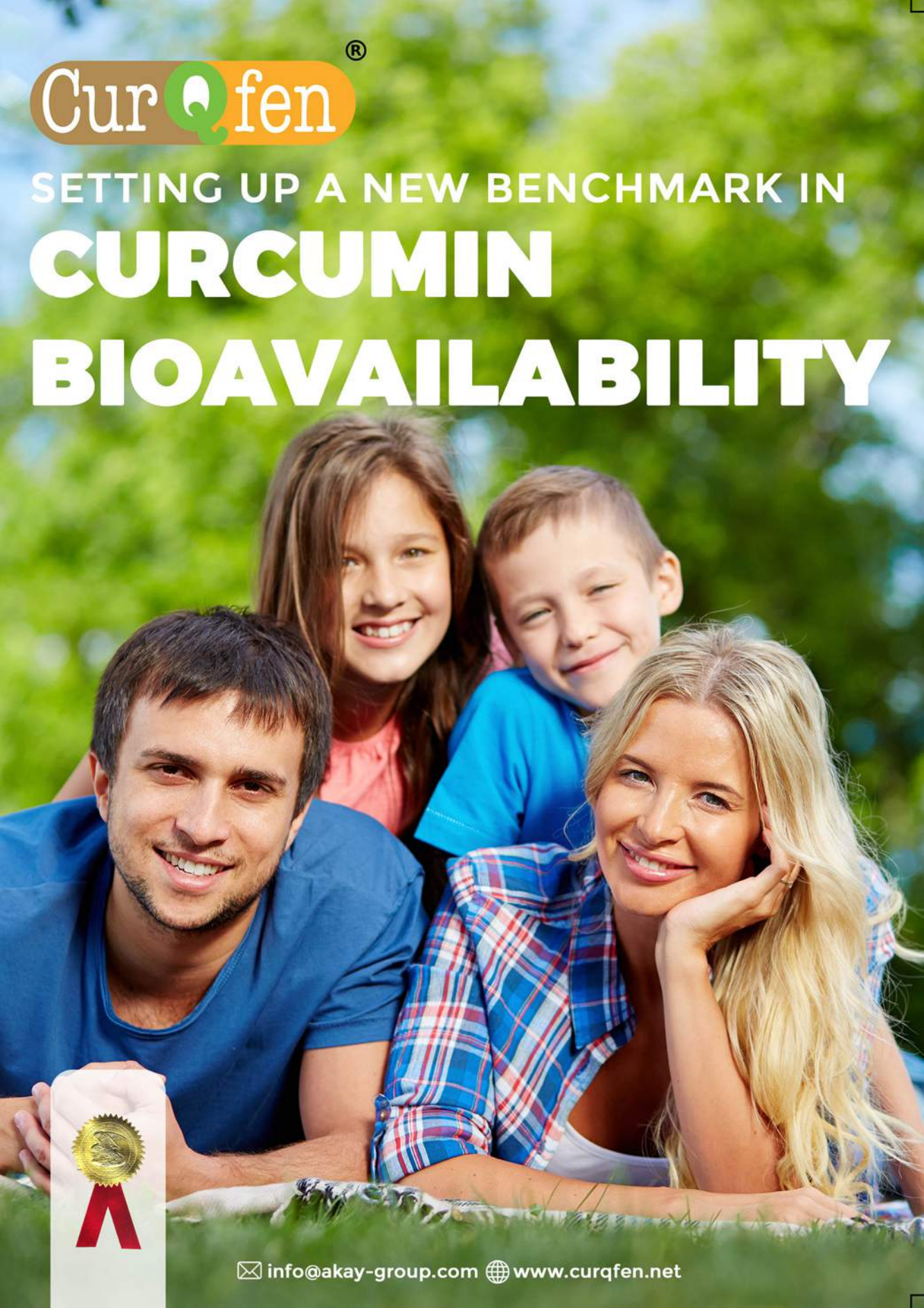
CurQfen®

SETTING UP A NEW BENCHMARK IN

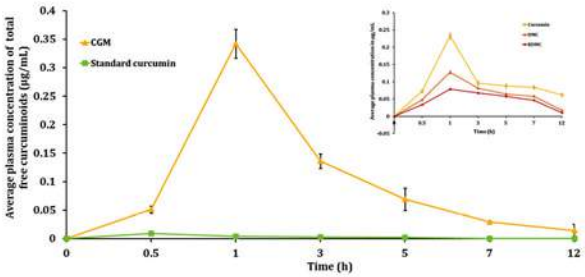
CURCUMIN BIOAVAILABILITY



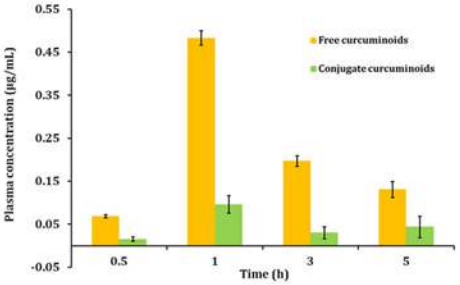
info@akay-group.com www.curqfen.net

Free curcuminoids bioavailability (45.5X)

Journal of Functional foods, 2016; 22:578



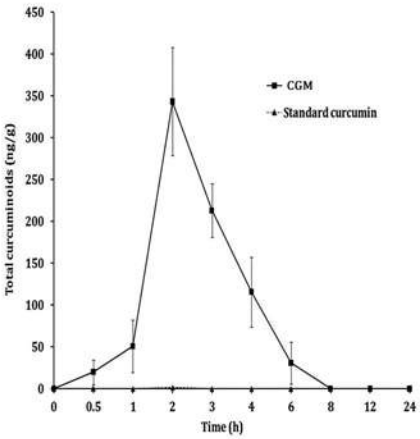
Concentration by time plot of free curcuminoids in plasma following oral administration of CurQfen® and Standard curcumin



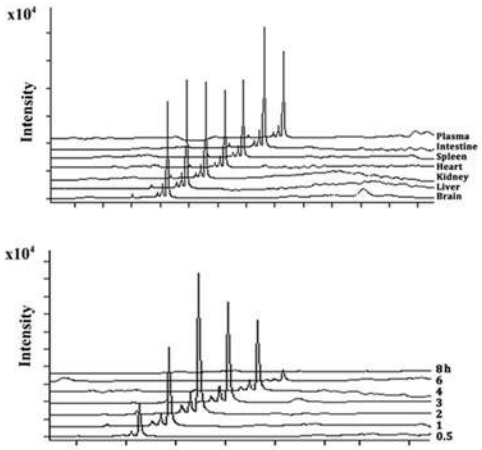
The relative distribution of free curcuminoids at different Post administration time intervals

Blood-brain-barrier permeability & tissue distribution

Journal of Functional foods, 2015;14:215



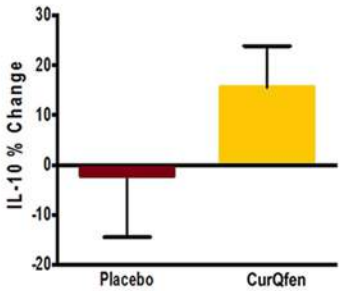
Concentration-time curve of total curcuminoids (Curcumin, DMC and BDMC) in brain

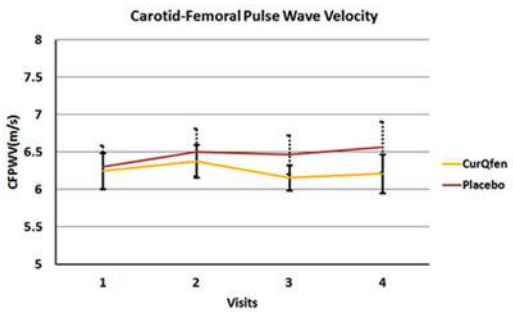


MRM transitions of curcuminoids in brain tissues

Reduces arterial stiffness in young obese men

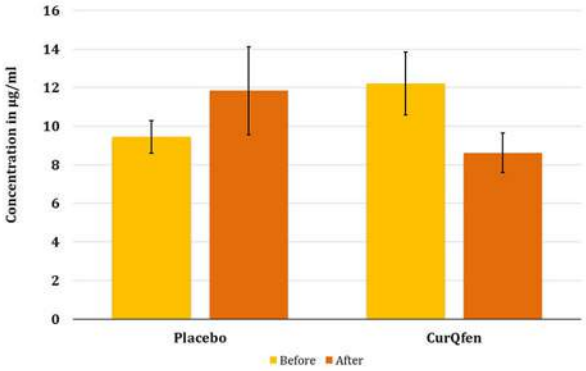
Journel of functional foods, 2017; 29:154



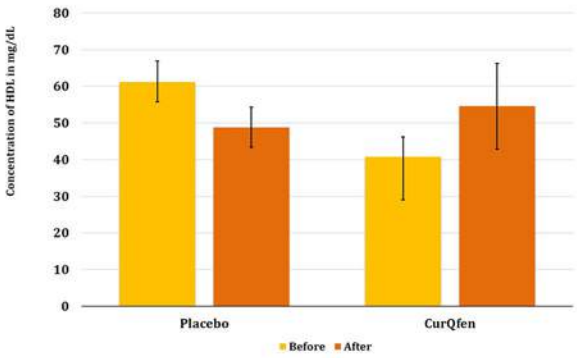


Improvements in anti-inflammatory markers in CurQfen® vs Placebo groups during a 12 week intervention period in young obese men

Reduces homocysteine and increases HDL



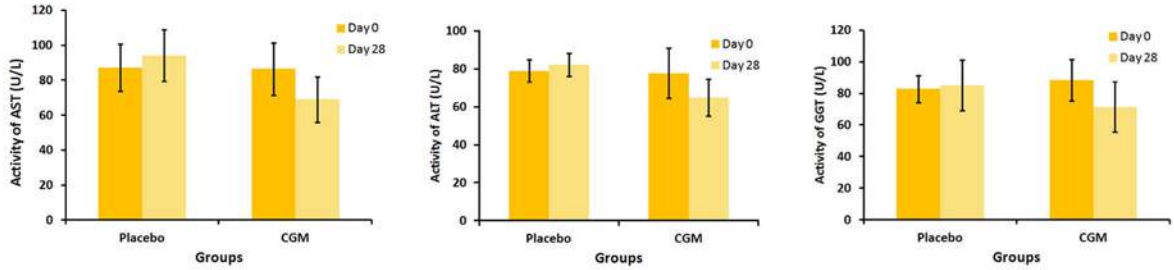
Concentration of Homocysteine was significantly reduced upon treatment with CurQfen® after 12 weeks



Concentration of HDL was significantly increased upon treatment with CurQfen® after 12 weeks

CurQfen® improves liver health

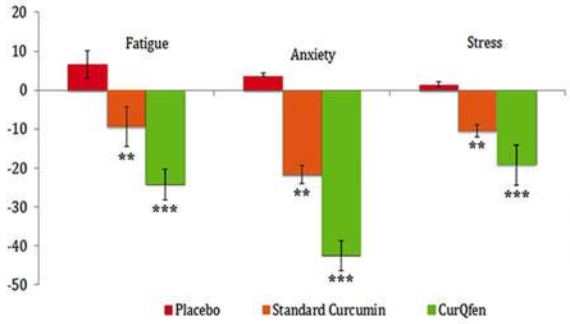
Biomed Research International, 2018; ID 9159281:1-10



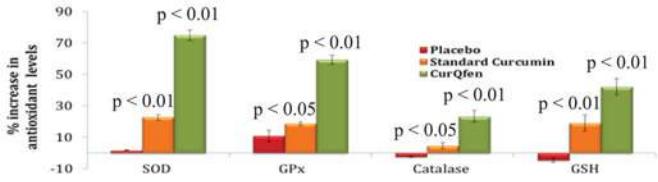
Improvements in liver toxicity markers in CurQfen® vs Placebo groups in chronic alcoholic men

Manages stress, anxiety and fatigue

Journal of Clinical Psychopharmacology, 2016;36:236



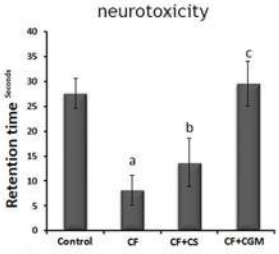
Effect of CurQfen®, standard curcumin, and placebo on conditions such as fatigue, anxiety, and overall stress in human subjects under occupational stress



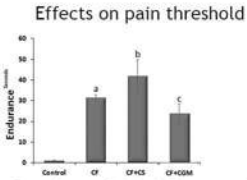
Effect of CurQfen®, standard curcumin, and placebo on anti-oxidant enzymes such as SOD, GPx, Catalase and GSH

Ameliorates neuro-inflammation

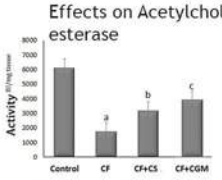
Natural Products Research, 2018



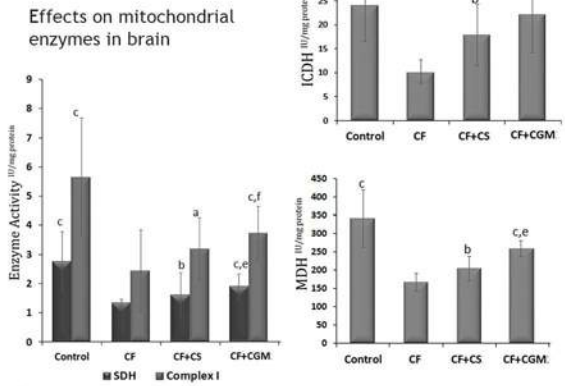
Retention on rota-rod recorded in seconds. Values are expressed as mean±SD.



Retention on pain-threshold was recorded in seconds. Values are expressed as mean±SD.



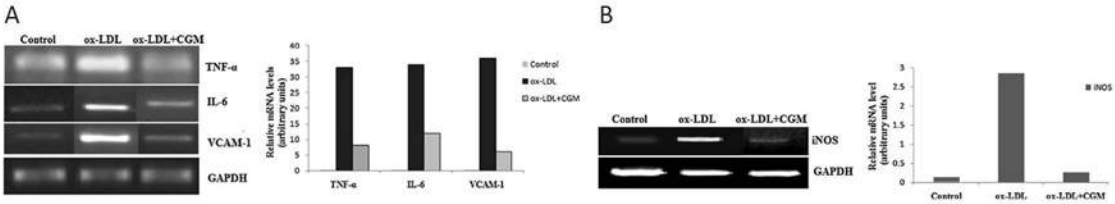
Effects on activity of acetylcholine esterase as a biochemical assessment of neurotoxicity . Values are expressed as mean±SD.



Activities of the enzymes given as IU/ml in mitochondrial fraction.

Inhibits pro-inflammatory cytokines

Inflammopharmacology, 2018; doi: 10.1007/s10787-018-0474-0



A)Inhibitory effect of CurQfen on expressions of IL-6, TNF-α and VCAM-1.
B) Inhibitory effect of CurQfen on the expressions of iNOS

- *Kumar et al., (2016). Enhanced bioavailability and relative distribution of free (unconjugated) curcuminoids following the oral administration of a food-grade formulation with fenugreek dietary fibre: A randomised double-blind crossover study.* ***Journal of Functional Foods 22: 578-587.***
- *Krishnakumar et al., (2015). Improved blood–brain-barrier permeability and tissue distribution following the oral administration of a food-grade formulation of curcumin with fenugreek fibre.* ***Journal of Functional Foods 14: 215-225.***
- *Campbell et al., (2017). Responsiveness to curcumin intervention is associated with reduced aortic stiffness in young, obese men with higher initial stiffness.* ***Journal of Functional Foods 29: 154-160.***
- *Sudheeran et al., (2016). Safety, Tolerance, and Enhanced Efficacy of a Bioavailable Formulation of Curcumin With Fenugreek Dietary Fiber on Occupational Stress: A Randomized, Double-Blind, Placebo-Controlled Pilot Study.* ***Journal of Clinical Psychopharmacology 36(3): 236-243.***
- *Campbell et al, (2018). Curcumin Supplementation Decreases Homocysteine and Increases Hdl in Young, Obese Men:* ***Medicine & Science in Sports & Exercise. 50 (5S): 723***
- *Naveen et al., (2018) A novel curcumin-galactomannoside complex delivery system improves hepatic function markers in chronic alcoholics: A double-blind, randomized, placebo-controlled study.* ***Biomed Research International 2018, ID 9159281, 1-10***
- *Sindhu et al., (2018). Comparative neuroprotective effects of native Curcumin and its galactomannoside formulation in carbofuran induced neurotoxicity model.* ***Natural Product Research (accepted)***
- *Sangeeth etal., (2018). Curcumin–galactomannoside complex inhibits pathogenesis in Ox-LDL-challenged human peripheral blood mononuclear cells.* ***Inflamapharmacology, doi.org/10.1007/s10787-018-0474-0***