# EstroG-100

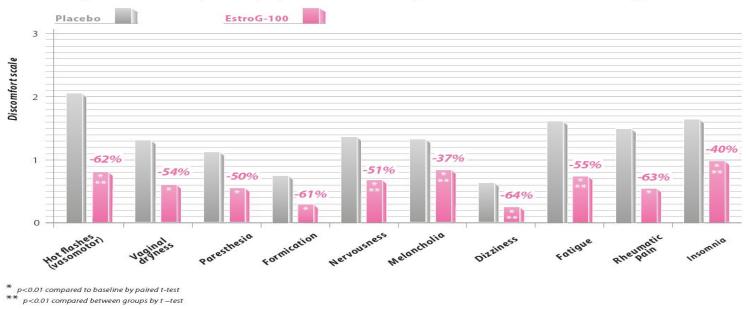


## SCIENTIFIC HIGHLIGHTS OF ESTROG-100

Proven efficacy in vitro, in vivo, and in 2 published clinical studies, 1 ongoing:

### CLINICAL STUDIES

12 month, randomized, double-blind, placebo-controlled study (N=47, Korea, Asian population, published) 3 month, randomized, double-blind, placebo-controlled study (N=61, USA, non-Asian population, published) 3 month, multi-centerd, randomized, double-blind, placebo-controlled study (N=104, Korea, Asian population, will be published in 2015)



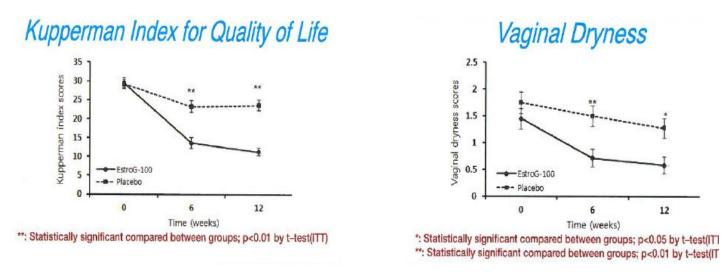
#### Comparison of menopausal symptoms scores during the 12 weeks of EstroG-100 supplementation<sup>1</sup>

After 12 weeks of supplementation, menopausal symptoms significantly decreased in women taking EstroG-100 vs. the placebo group. Improvement was already noticeable after 6 weeks of product intake.

# EstroG-100

NATURALENDO TECH

## SCIENTIFIC HIGHLIGHTS OF ESTROG-100



### SAFETY

- No change in uterus and body, liver, kidney weights and BMI (while bone mineral density increased)
- No binding affinity to both ER  $\alpha$  and Er $\beta$  in estrogen receptor binding affinity study
- Single-, repeated dose and genetic toxicity tests including Ames, micronucleus, and chromosome aberration test
- Inhibitory effect of proliferation of human breast cancer cell line (MCF-7)
- All three herbs are registered Korea Food Standard Codex as main food ingredient
- All three herbs have been documented for use as herbal remedy for 400+ years in Korea
- Cynanchum wilfordii and Phlomis umbrosa are reported to be liver protective herbs by WHO
- None of serios side effects reported in 3 clinical studies without E2, FSH level change
- No change in endometrial thickness in multicenter clinical study