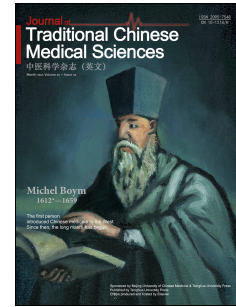


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**Biological mechanisms underlying the liver's regulation of emotions
in women: A study using the Trier Social Stress Test**

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Abstract

Objective: Research on the biological mechanisms by which the liver controls dispersion and regulates emotion usually focuses on psychological stress. This study investigated the biological mechanisms underlying the liver's regulation of emotion using the Trier Social Stress Test (TSST). Differences in subjective stress, subjective emotion, and physiological responses were examined between healthy women (Group A) and depressed women with liver qi stagnation syndrome (Group B).

Method: Subjects were 72 women who met the inclusion criteria after physical examination. The EPQ-RSC, BAI, and BDI-21 were used to assess personality and emotion. Subjects completed a 5-point scale to measure subjective stress. Heart rate and heart rate variability were measured. To measure changes in activity of the locus

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