Antioxidant activity of endophytic fungi isolated from *Camellia oleifera* Abel.
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**Abstract:** This work involved screening and isolation of endophytic fungi which were isolated from the several parts of *Camellia oleifera* Abel., collected from Tea Oil and Plant Oils Development Center, Mae Sai, Chiang Rai, Thailand. Seventeen endophytes were isolated and their crude extracts from culture broth were evaluated for antioxidant activities. L004 endophyte showed more than 62% inhibition on DPPH and xanthine/xanthine oxidase (XXO) assays. Moreover, it displayed cytotoxic activity against HL-60 (human promyelocytic leukemia) cells at 62% inhibition. These results indicated that one of endophytic fungi from *Camellia oleifera* Abel. could be a source for antioxidant agents.

**Keywords:** *Camellia oleifera* Abel.; Endophytic fungi; Antioxidant; HL-60