

Use of Medicinal Plants in Medieval and Early Modern Times in Japan Focusing on Medicinal Plants in the Genus *Arisaema*

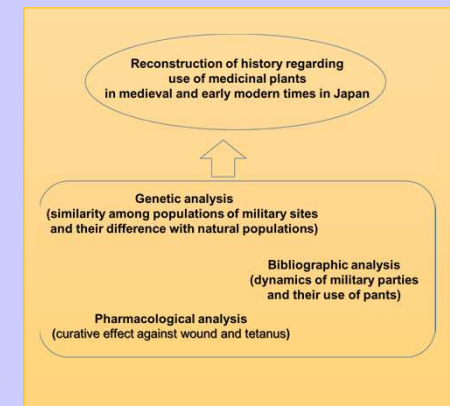
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Research Area

1. Genetic analysis on population of *Arisaema thunbergii* comparing between military sites and natural populations.
2. Pharmacological analysis of *Arisaema* tuber on curative effects against wound and tetanus.
3. Bibliographic data search on uses of medicinal plants in medieval and early modern times in Japan.
4. Reconstruction of history regarding use of medicinal plants by integration of biological and bibliographic data.



A medicinal plant *Arisaema thunbergii* subsp. *urashima* in Sumotojo castle



Recent Activities

- Ethnobotanical survey on distribution of medicinal plants in the genus *Arisaema* in ruins of fortresses used in the medieval Japan. TANESAKA E, J Medicinal Plant Res, 11: 338-344, 2017
- Compatibility of three bacterial strains in *Agrobacterum*-mediated transformation of monokaryotic mycelia of *Flammulina velutipes*. TANESAKA et al, J Crop Res, 63: 31-33, 2018