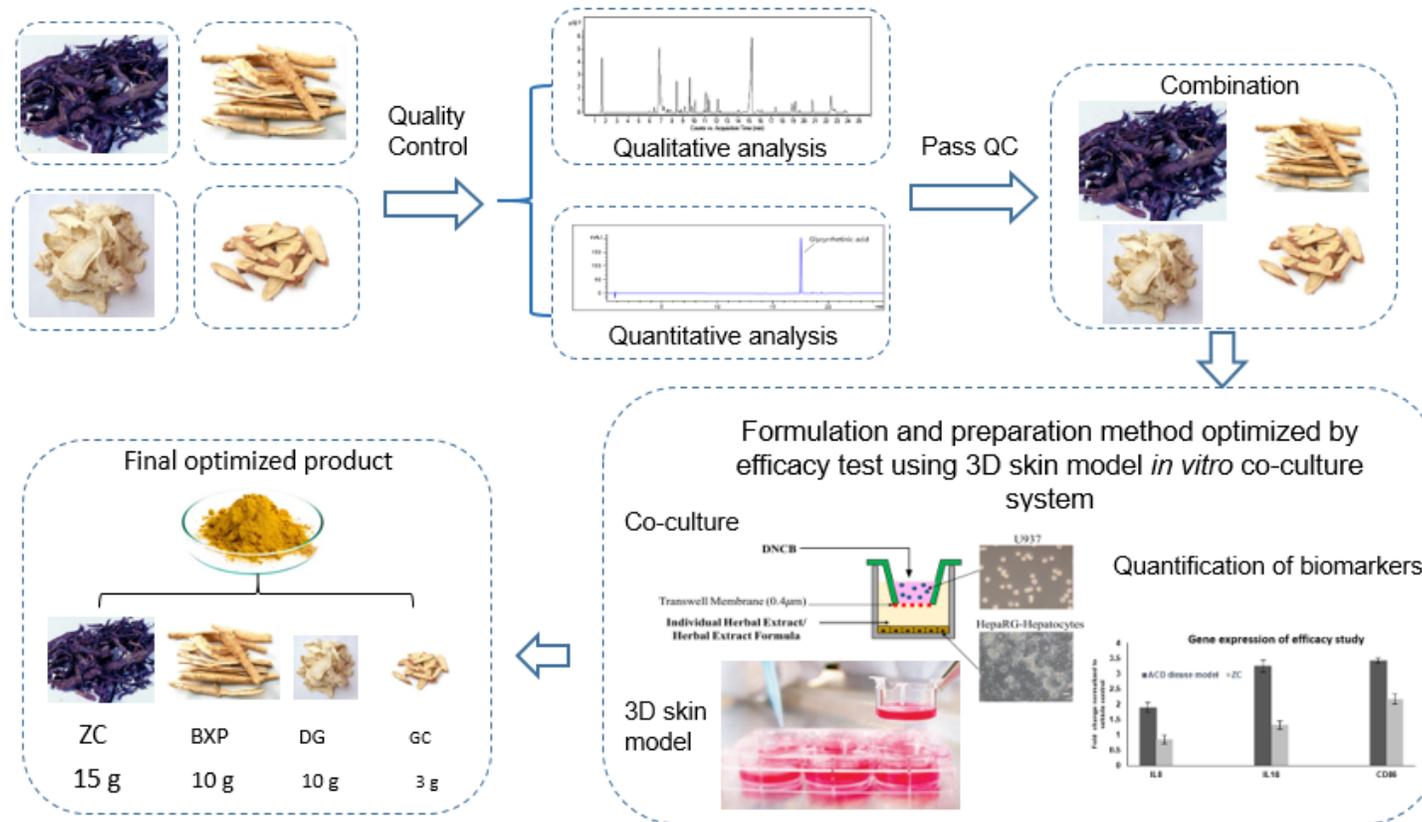


Herbal Product Development by 3D Skin Model and Liver-Immune Co-Culture System for Skin Allergy

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Ministry of Education, Translational R&D and Innovation Fund



A proprietary herbal product was developed to treat contact allergic dermatitis, a common skin allergy disease. The quality of raw herbs and herbal extracts were evaluated through different analytical tools such as HPLC, HPTLC and LC-MS. In order to optimize the formulation to achieve most potent efficacy, a 3D *in-vitro* Reconstructed Human Epidermis was used to study the effectiveness of the herbal product.