***Phaleria macrocarpa* Natural cream: Remedies for Obesity**

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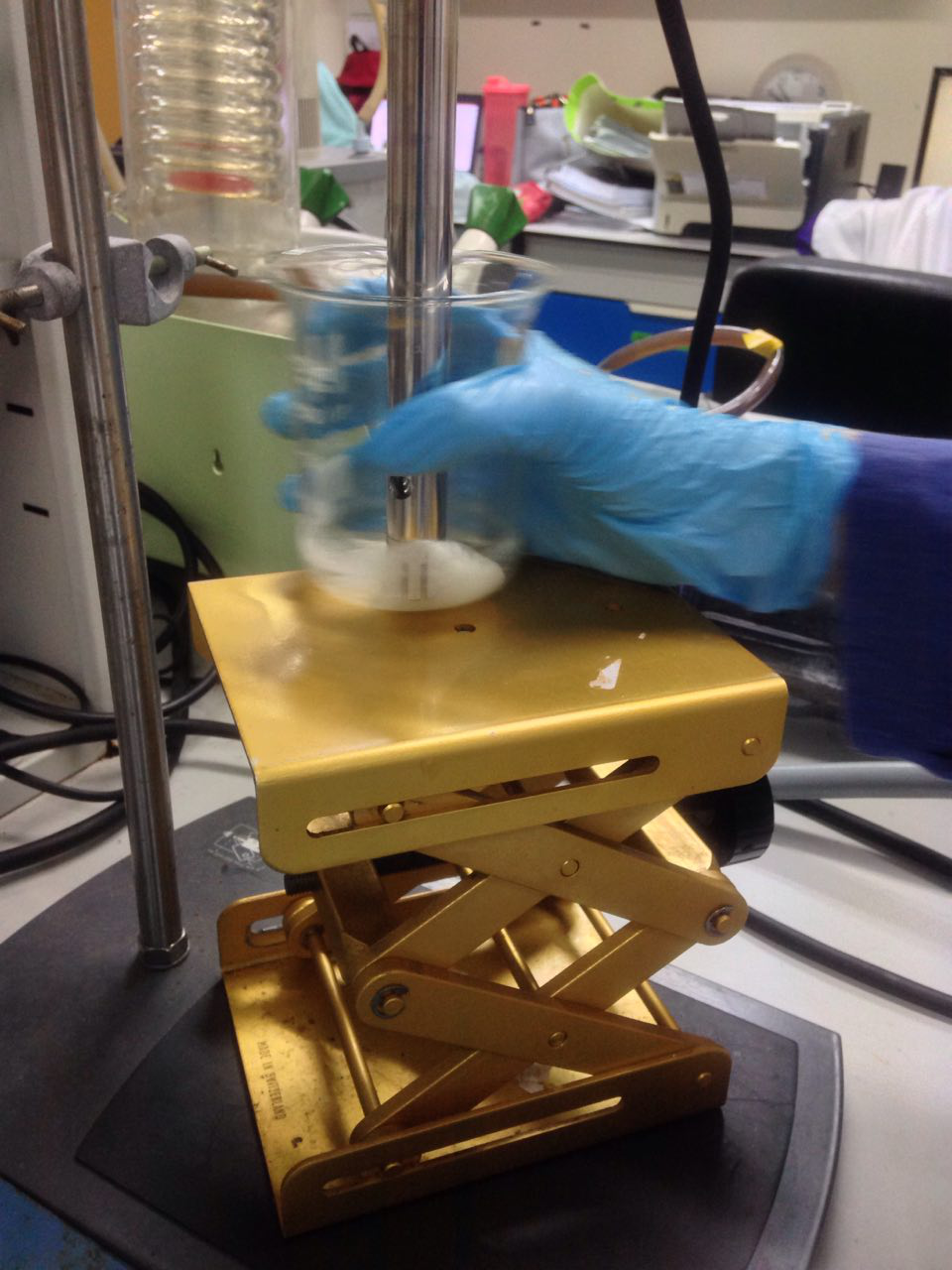
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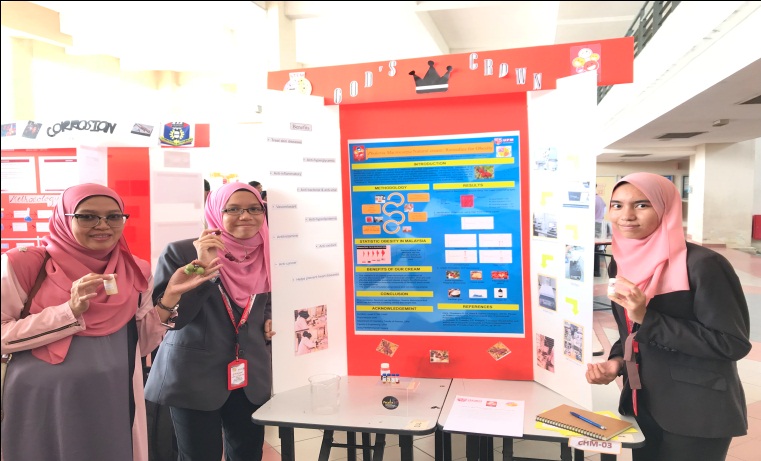
*Phaleria macrocarpa* (mahkota dewa) is a medicinal plant that originated from Yogyakarta, Indonesia. It is traditionally used by people for treating diseases such as hypertension, diabetes, cancer and kidney disorder. *P. macrocarpa* shows different bioactivities such as anti-oxidant, anti-inflammatory, anti-cancer, anti-hyperlipidemia and anti-bacterial. *P. macrocarpa* contains a high level of flavonoid and quercetin compound. Quercetin has the potential to reduce LDL cholesterol, raise HDL cholesterol and lowered blood pressure and blood sugar slightly. Therefore, the active ingredients contained in the fresh fruit of *P. macrocarpa* were used as its starting material in the formulation for the treatment of obesity.



Day 1- Extraction process at Process Bioengineering Laboratory, Infoport, UPM



Preliminary formulation sample of *P.macrocarpa*



Our Booth at GISC 2017

Achievements:-

1. **Top 3 Award- The Most Outstanding Project (Science Cluster-Chemistry)**
2. **Special Award- The Most Inventive Project**
3. **Gold Medal**
4. **The Best Facilitator Award**