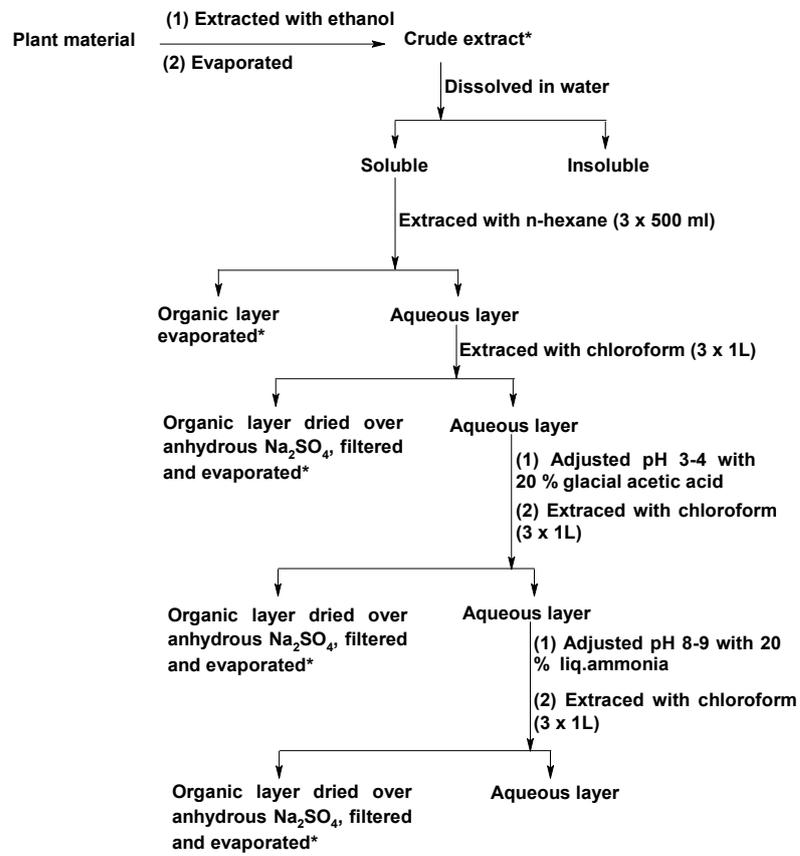


# Bioassay-Guided Alkaloids Isolation from *Camellia sinensis* and *Colchicum luteum*: *In Silico* and *In Vitro* Evaluations for Protease Inhibition

Mohammad Aatif <sup>1,\*</sup>, Muhammad Asam Raza <sup>2,\*</sup>, Mohamed El Oirdi <sup>3</sup>, Mohd Farhan <sup>3</sup>,  
Muhammad Waseem Mumtaz <sup>2</sup>, Muhammad Hamayun <sup>2</sup>, Adnan Ashraf <sup>4</sup> and Ghazala Muteeb <sup>5</sup>

- <sup>1</sup> Department of Public Health, College of Applied Medical Sciences, King Faisal University, Al Ahsa 31982, Saudi Arabia
  - <sup>2</sup> Department of Chemistry, Hafiz Hayat Campus, University of Gujrat, Gujrat-50700, Pakistan
  - <sup>3</sup> Department of Basic Sciences, Preparatory Year Deanship, King Faisal University, Al Ahsa 31982, Saudi Arabia
  - <sup>4</sup> Department of Chemistry, University of Lahore, Lahore 53700, Pakistan
  - <sup>5</sup> Department of Nursing, College of Applied Medical Sciences, King Faisal University, Al Ahsa 31982, Saudi Arabia
- \* Correspondence: maahmad@kfu.edu.sa (M.A.); asam.raza@uog.edu.pk (M.A.R.)



\* = Subjected to protease assay

**Scheme S1:** Extraction scheme for *Colchicium luteum* and *Camellia sinensis*