

### **Processing feathers samples for isotopic analysis.**

1. Remove the rachis and cut the feathers to place them in glass vials or any material resistant to 50°C.
2. Add alcohol with a pipette and place the samples in an ultrasonic bath for 15 min at room temperature. Depending on the degree of soiling this process will be repeated 2 or 3 times.
3. Repeat the previous step, this time with distilled water.
4. Dry in oven at 50°C. (1, 2, or 3 days depending on the volume of the sample).
5. Once dried, grind the samples in a ball mill. The time and frequency will depend on the type of sample. Finally we go to weigh and encapsulate.

**Note:** in seabird feathers, ethanol washing is replaced by chloroform:metanol (2:1, v:v:)