

Gilfena Community Service Project



Sekem Farm

SEKEM School

SEKEM Vocational
Training Center

SEKEM Medical Center

SEKEM Guesthouse

Topic: Survey on the use of medicinal plants at Gilfena

Department: Pharmacognosy & Medicinal Plants

Course: Phytotherapy (3274)

Semester: Spring 2019/2020

Participants: Students registered for the course

Instructor: Prof. Sameh AbouZid

Co-Instructor: Mrs. Hadeel Nabil & Ms. Marina Sawah

Aim:



*To identify & quantitatively analyze plants
used as medicines at
Gilfena & surrounding villages,
El-Sharkaia governorate, Egypt.*

Methods:

- **What:**

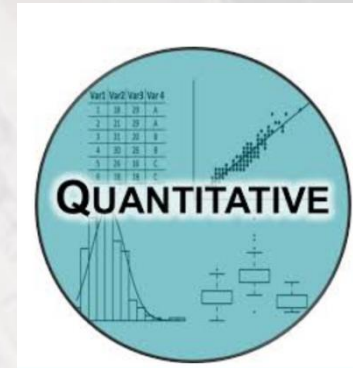
- Conducting direct interviews and semi-structured questionnaire with the local inhabitants at Gilfena & surrounding villages.
- Asking questions about the plants they use against diseases, parts of the plants used, methods of preparation and sources they obtain these plants.
 - "How do you like using herbal medicines?"
 - "Which part of the plant used?"
 - "How do you prepare it?"
 - "When do you use it?"
 - "How often do you use it?"
 - "What do you use it for?"
 - "How does it affect you? "
 - "Where do you obtain it from?"





Who:

- **Interviewers** as students of the faculty of pharmacy directed by staff members from the Department of Medicinal Plants, Faculty of Pharmacy, HU.
- **Interviewees** as inhabitants of the villages, with focus on the elders with a rural life style.



How:

- Quantitative ethnobotanical assessment of the obtained data by calculating three parameters:
 - The factor informant consensus for the analysis of the general use of plants.
 - The fidelity level, the ratio between the number of informants who independently suggest the use of a species for the same major purpose and the total number of informants who mention the plant for any use.
 - Number of uses mentioned for one plant given by all of the informants for a specific disease.