

**01.290.1721 – History of medicine and pharmacology**

**Semester B**

**Time:** Thursday 14-16

**Instructor:** Prof. Efraim Lev

**Office Hours:** Thursday 11.00-12.00, Room 1212, Phone Number 2570

**Teaching Assistants & Office Hours:** none

**Course Type:** Lecture

**Course Level:** BA

**Pre-Requisites:** none

**Course Overview:** The course discusses various issues in the history of medicine and pharmacology in the Middle East in general and in the medieval period in particular

**Topics:**

1. Health, nutrition and medicine in prehistory.
2. Medicine and pharmacology in ancient Egypt.
3. Medicine and pharmacology in Mesopotamia
4. Medicine and pharmacology in the Bible and the Jewish sources.
5. Medicine and pharmacology in ancient Greece
6. Medicine and pharmacology in the Roman Empire.
7. Arabic medicine and pharmacology.

8. Practical medieval medicine according the Cairo Genizah documents.
9. Medieval medical theories and doctrines.
10. The use of medicinal plants in the medieval Levant.
11. Zootherapy – the use of animal's based drugs.
12. The use of in-organics substances.
13. Medicine in late medieval Jerusalem

**Requirements:** Attendance and final exam

**Grading:** Exam - 100%

**Website:** The course has an High Learn site

**Reading List:**

1. Z. Amar and E. Lev, *Physicians, Drugs and Remedies in Jerusalem from the 10<sup>th</sup>-18<sup>th</sup> Centuries*. Tel-Aviv 2000. Hebrew.
2. J.W. Estes, *The Medical Skills of Ancient Egypt*, U.S.A 1989.
3. F. Klein-Franke, "Health and Healing in Medieval Muslem Palestine", In: M. Wasserman & S.S. Kottek (eds.), *Health and Disease in the Holy Land*, Lewiston–Queenston–Lampeter 1996, pp. 103–134.
4. E. Lev, *Medicinal Substances of the Medieval Levant*. Tel-Aviv 2002. Hebrew.
5. E. Lev and Z. Amar, *Practical Materia Medica of the Medieval Eastern Mediterranean According to the Cairo Genizah*. Leiden 2007.
6. E. Lev, "The Doctrine of Signature in the Medieval Levant", *Vesalius*, (2002) VII,1,1-2:1-10.
7. J.F. Nunn, *Ancient Egyptian Medicine*, London 1996.
8. J. Preuss, *Biblical and Talmudic Medicine*, F. Rosner (trns.), New York 1983.
9. R.C Thompson, *Assyrian Medical Texts*, London 1923.
10. A.F. Woodings, "The Medical Resources and Practice of the Crusader States in Syria and Palestine 1096–1193", *Medical History*, 15 (1971), pp. 268–277.