Doctoral School: **Biology Doctoral School**
Doctoral Program: Neuroscience and Human Biology

Subject code: **BIO/7/34**
Subject title: **Paleopathology L**
Teacher and Neptun code: **Dr. Hajdu Tamás (NLVRBV)**
Credits: 4
Class hours: 2 hours/week, lecture

Aims of the course
The lecture provides an overview paleopathological knowledge.
Contents of the course
1. Paleopathology introduction, sources, difficulties. Introduction.
2. Aspects and ways of examining the archeological findings. Methodological basics.
3. History of paleopathology. History of science.
4. Taphonomy. An overview of postmortem effects on the residues, a summary of basic concepts and basic processes.
5. Traumatic lesions I. Introduction, basic concepts, perimortem injuries, dislocations - sprains.
6. Traumatic lesions II. Deformation and trepanation.
7. Pathological changes attributable to unspecified diseases.
8. Biology of inflammation. Basic concepts.
9. Non-specific bone inflammations, non-specific skeletal symptoms of specific inflammatory diseases. Overview of non-specific inflammatory skeletal symptoms and processes.
10. Specific bone inflammations / specific infectious diseases. Specific infectious diseases in historical ages, possibilities of diagnosis.
11. Hematopoietic and metabolic diseases. Anaemias, metabolic diseases and their skeletal symptoms.
12. Joint alterations, arthritis. Arthrosis and arthritis and their skeletal symptoms.
13. Other diseases: developmental disorders; oral pathology, stress markers, enthesitis-enthesopathies.
14. Tumors / paleooncology. Cancerous diseases affecting populations of historical ages.
Requirements
Oral exam
Grade is determined by the exam result.

Literature

lecture slides are available
Józsa László: Paleopathologia. Elődeink betegségei. Semmelweis Kiadó és Multimédia Stúdió. Pp. 180. ISBN: 9789633310458.