

ABOU BEKR BELKAID UNIVERSITY
TLEMCEM
FACULTY OF MEDICINE- Dr. B.
BENZERDJEB
MEDICINE DEPARTMENT



جامعة أبو بكر بلقايد - تلمسان
كلية الطب - د. ب. بن زرجب
قسم الطب

BIOLOGY CELL SYLLABUS

Module:Physiology

Teaching year: First year

Course coordinator: Pr. BEGHADAD Mohammed Choukri

E.mail : cbeghdad@yahoo.fr

Teacher intervener: Dr. BENGUEDDA Wacila ; Dr. NEHAR Benameur ; SOULIMANE Mokhtar

Credits: 80 hours for theory courses + 20 hours for TP

Cours type: Fundamental science

Setting: Amphitheater + Biology Cell laboratory

❖ ASSESSMENT

- 03 exams
- Coefficient : 3

❖ CREDIT HOURS

03 hours / Week

❖ CHAPTERS :

- Cell organisation
- Cell study method
- Plasma membrane
- Cytoskeleton
- Nucleus
- Mitochondria
- Ribosome
- Golgi apparatus
- Coating epithelia

- Glandular epithelium
- Connective tissue
- Blood tissue
- Cartilage tissue
- Bone tissue
- Muscle tissue
- Nervous tissue
- Gametogenesis
- Fertilisation
- Segmentation
- Gastrulation
- Neurulation
- Particularities of human embryology

❖ **BIBLIOGRAPHY**

- Biologie Cellulaire. (2006). Maillet M. *Ed. Elsevier, Masson, Paris*, 618p.
- Histologie et biologie cellulaire. (2006). Kierszenbaum A.L. *Ed. Elsevier, Masson, Paris*, 853p.
- Biologie moléculaire de la cellule. (2011). Albert B., Johnson A., Lewis J., Raff M., Roberts K. et Walter P. *Ed. Lavoisier, Paris*, 1600p.
- Biologie cellulaire. (2011). Bassaglia Y. *Ed. Maloine, Paris*, 198p.
- Cours de biologie cellulaire. (2012). Cau P., et Seïte R. *Ed. Ellipses, Paris*, 580p.