Course title <english></english>	医学基礎 II Basic Medicine II					Affiliated department, Job title,Name			Graduate School of Medicine Professor,FUKUHARA SHUNICHI Kyoto University Hospital Program-Specific Professor,UESHIMA KENJI		
Target year		Professional degree students		Number of cred		its	2	Course offered year/period			2018/Second semester
Day/period T		Thu.2	Class style		Lecture				Language	Japanese and English	
[Outline and Purpose of the Course]											

[Outline and Purpose of the Course]

Director and Instructors:

Kenji Ueshima(Professor, Department of EBM research,Institute for Advancement of Clinical and translational Science, Kyoto University Hospital)

Masanori Hosokawa(Professor, The Department of Nursing, Kyoto Koka Women's University)

This course introduces the basics of human anatomy, physiology endocrinology, biochemistry, immunology as a basis for the understanding of human diseases.

[Course Goals]

- To understand the basics of circulatory system
- To understand the basics of age-associated disorders.
- To understand the basics of the structure and function of nervous system

[Course Schedule and Contents]

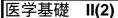
Course Schedule (*Schedule may be changed)

- 1 Oct 4 Circulatory system (Introduction)
- 2 Oct 11 Circulatory system 1 (valvular heart disease, congenital heart disease, and vascular disease)
- 3 Oct 18 Circulatory system 2 (ischemic heart disease and emergency medicine)
- 4 Oct 25 Circulatory system 3 (hypertension and arrhythmia)
- 5 Nov 1 Biomedical gerontology 1 (Senescence and age-associated disorders)
- 6 Nov 8 Biomedical gerontology 2 (Geriatric syndrome)
- 7 Nov 15 Biomedical gerontology 3 (Metabolic syndrome)
- 8 Nov 22 Biomedical gerontology 4 (Locomotive syndrome)
- 9 Nov 29 Biomedical gerontology 5 (Sarcopenia and Frailty)
- 10 Dec 6 Pathology 1 (Senescence-associated secretory phenotype)
- 11 Dec 13 Pathology 2 (Animal model of diseases)
- 12 Dec 20 Pathology 3 (Cell structure and function in CNS 1)
- 13 Dec 27 Pathology 4 (Cell structure and function in CNS 2)
- 14 Jan 10 Neuroscience 1 (Dementia)
- 15 Jan 17 Neuroscience 2 (Periventricular leukomalacia)

[Class requirement]

Second Semester, Required for students without medical background

Continue to 医学基礎 II(2)



[Method, Point of view, and Attainment levels of Evaluation]

Attitude & Attendance 30%, Reports 70%

[Textbook]

Not used

[Reference books, etc.]

(Reference books)

Suggested readings:

- ・佐藤昭夫、佐伯由香編.人体の構造と機能.医歯薬出版,2006.
- ・テイポドー、パットン(コメデイカルサポート研究会訳).カラーで学ぶ解剖生理学.医学書院,2002.
- ・A.シェフラー、S.シュミット(三木明徳、井上食央訳).からだの構造と機能.西村書店,2002.
- ・クロスマン、ネアリー(野村嶬、水野昇訳).神経解剖カラーテキスト 第2版.医学書院, 2008.
- ・大地陸男(著).生理学テキスト.文光堂,2013.
- ・福田康一郎(監修).標準生理学.医学書院,2014.
- ・Eric Kandel、James Schwarts 他.Principles of Neural Science 5th edition.McGraw-Hill Professional, 2012.(日本語版)金澤一郎、宮下保司(監修).カンデル神経学.メディカルサイエンスインター ナショナル,2014.
- ・泰羅雅登、中村克樹(監修、翻訳).カールソン神経科学テキスト 脳と行動.丸善出版,2013

[Regarding studies out of class (preparation and review)]

Preparation in advance and review after lecture

(Others (office hour, etc.))

Shunichi Fukuhara (Education Committee Chairman; Professor, Department of Healthcare Epidemilogy; fukuhara.shunichi.6m@kyoto-u.ac.jp)

The class is open to students from Graduate School of Human Health Science.

*Please visit KULASIS to find out about office hours.