

## Liverpool John Moores University

Title: CLINICAL AND EXPERIMENTAL PHARMACOLOGY  
Status: Definitive  
Code: **6002SBPHAR** (113417)  
Version Start Date: 01-08-2011

Owning School/Faculty: Pharmacy & Biomolecular Sciences  
Teaching School/Faculty: Pharmacy & Biomolecular Sciences

Team	Leader
Andrew Evans	Y
Peter Penson	
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James Downing	
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**Academic Level:** FHEQ6      **Credit Value:** 12.00      **Total Delivered Hours:** 24.00  
**Total Learning Hours:** 120      **Private Study:** 96

### Delivery Options

Course typically offered: Semester 2

Component	Contact Hours
Lecture	18.000
Tutorial	4.000

**Grading Basis:** 40 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	AS1	Examination (3 out of 5 questions)	100.0	2.00

### Aims

*To study and evaluate current developments on both clinical and experimental pharmacology.*

## Learning Outcomes

After completing the module the student should be able to:

- 1 demonstrate significant knowledge of those aspects of pharmacology which have been selected by contributors to the module for presentation in that year.
- 2 demonstrate the ability to analyse critically and to evaluate original papers on selected topics.
- 3 utilise the above skills both for specific topics and as transferable skills for future evaluation of pharmaceutical literature.

## Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

EXAM	1	2	3
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## Outline Syllabus

*This will change from year to year as a reflection of changes in topicality. Those topics which were selected in 2003/2004 were:*

*Multiple Drug Resistant TB*

*Calcium antagonists versus non-calcium antagonists hypertension treatment strategy for patients with coronary heart disease*

*Exploitation of tumour hypoxia for novel anticancer strategies, hypoxia-regulated chemotherapy and gene therapy, role of radiotherapy in cancer treatment*

*Pharmacology and clinical criteria for atypical neuroleptic drugs.*

*Neural control of immunity*

## Learning Activities

Primary presentation of material will be lecture, provision of key references and direction towards recommended Web sites and further references. tutorials will be the forum for smaller group discussion, analysis and critical appraisal of information presented to, and acquired by students.

## References

<b>Course Material</b>	Book
<b>Author</b>	Barnes, P.J., Chung, K.F. and Page, C.P.
<b>Publishing Year</b>	2000
<b>Title</b>	Control and prevention of tuberculosis in the UK: Code of practice 2000
<b>Subtitle</b>	Joint Tuberculosis Committee of the British Thoracic Society
<b>Edition</b>	Thorax

<b>Publisher</b>	55: 11; 887-901
<b>ISBN</b>	

<b>Course Material</b>	Book
<b>Author</b>	Oliver, R.J. et al
<b>Publishing Year</b>	2004
<b>Title</b>	Prognostic value of facilitative glucose transporter Glut-1 in oral squamous cell carcinoma treated by surgical resection
<b>Subtitle</b>	Eur. J. Cancer
<b>Edition</b>	40: 503-507
<b>Publisher</b>	
<b>ISBN</b>	

<b>Course Material</b>	Book
<b>Author</b>	British Hypertension Society
<b>Publishing Year</b>	1999
<b>Title</b>	Guidelines for hypertension management
<b>Subtitle</b>	
<b>Edition</b>	319:630-635
<b>Publisher</b>	BMJ
<b>ISBN</b>	

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## Notes

The module will address current trends and/or controversies in Clinical and Experimental Pharmacology.