

Ollscoil na hÉireann, Gaillimh
National University of Ireland, Galway
Summer Examinations 2004 / 2005

Exam Code(s)	4BO2
Exam(s)	
Module Code(s)	PM418
Module(s)	4 th Year Paper 1 & 2
Paper No.	1 & 2
Repeat Paper	
External Examiner(s)	Professor Iain Campbell
Internal Examiner(s)	Dr. John Kelly Dr. Senthil Kumar Ms. Michelle Roche Professor B.E. Leonard

Instructions: Answer 4 Questions. Use separate answer books for each question.

Duration	3 Hours
No. of Pages	1
Department(s)	Pharmacology
Course Co-ordinator(s)	Dr. John Kelly

Requirements:

MCQ
 Handout
 Statistical Tables
 Graph Paper
 Log Graph Paper
 Other Material

1. What are the criteria by which animal models are assessed? How do the various animal models of schizophrenia fulfil these criteria?
2. Critically analyze the value of clinical trials as a means of assessing the efficacy of centrally acting drugs.
3. Evaluate the challenges facing the development of effective drugs for the treatment of Parkinson's disease and Alzheimer's disease.
4. Critically examine the novel therapeutic targets for a psychiatric disease that you have studied. In your opinion, which of these targets is most likely to yield a clinically effective treatment?
5. Critically explore the value of preclinical safety assessment of centrally acting drugs.
6. "The major neurological and psychiatric diseases ultimately have a neurodegenerative component". Critically discuss this statement.