

Master of Science in Analytical and Pharmaceutical Chemistry
Module: Computational Drug Discovery Techniques (MAPC304)
Computer Assisted Learning (CAL) Workshop
Assessment Criteria and Marking Scheme

Assessment 3
CAL Project Report (50%)

Based on all the lectures, industry case studies, and experience gained in CAL sessions, the students submit a project report proposing top 100 leads against a target or for the treatment of disease which could be further studied to develop as drugs.

Criteria	Excellent (9-10)	Good (8-8.9)	Satisfactory (6-7.9)	Poor (4-5.9)	Weak (0-3.9)	Weight age	Marks
Content (70%)	Completeness Effective, accurate and adequate, selected computational approach and the presentation of the content is more specific to VS. Methodology Proposed top 100 leads against a target or for the treatment of disease are presented in the report. Results and discussion Able to critically analyse the results. Well-discussed, supported with specific and relevant literature. Conclusion All-important research findings are concluded in a concise manner and are presented well.	Completeness The content presented are accurate and adequate, however the selected computational approach and content is less specific to VS. Methodology Proposed top leads between (70-99) against a target or for the treatment of disease are presented in the report. Results and discussion Able to analyse the results. Well-discussed, supported with specific and relevant literature. Conclusion Most important research findings are summarized in a concise manner and are presented well.	Completeness The content presented is accurate, however selected computational approach is not well supported; some evidence, but usually of a generalised nature. Methodology Proposed top leads between (40-69) against a target or for the treatment of disease are presented in the report. Results and discussion Able to analyse the results. Discussed with relevant literature. Conclusion Some important research findings are summarized in a lengthy manner and are presented well.	Completeness The content presented is accurate, however selected computational approach is not well supported; no evidence. Methodology Proposed top leads between (10-39) against a target or for the treatment of disease are presented in the report. Results and discussion Unable to analyse the results accurately. Discussion is not supported by relevant literature. Conclusion Research findings are summarized to an extent but are not presented well.	Completeness The content presented is not accurate, and selected computational approach is not valid. Methodology Unable to proposed top leads more than 9 against a target or for the treatment of disease are presented in the report. Results and discussion Unable to analyse the results accurately. Discussion is not well written and is not supported by relevant literature. Conclusion Research findings are not summarized in a concise manner and are not presented well.	X 7	70
Organisation (10%)	Meeting all the following requirements: 1. Logical order and flow	Meeting any 3 of the following requirements: 1. Logical order and flow	Meeting any 2 of the following requirements: 1. Logical order and flow	Meeting any 1 of the following requirements: 1. Logical order and flow	Meeting none of the following requirements: 1. Logical order and flow	X 1	10

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	2. Appropriate use of figures and tables 3. Appropriate titles or legends are given to figures and tables 4. Appropriate citation of the references	2. Appropriate use of figures and tables 3. Appropriate titles or legends are given to figures and tables 4. Appropriate citation of the references	2. Appropriate use of figures and tables 3. Appropriate titles or legends are given to figures and tables 4. Appropriate citation of the references	2. Appropriate use of figures and tables 3. Appropriate titles or legends are given to figures and tables 4. Appropriate citation of the references	2. Appropriate use of figures and tables 3. Appropriate titles or legends are given to figures and tables 4. Appropriate citation of the references		
Referencing (10%)	Complete list of references. Appropriate and consistent format. Up to date references used in the content.	Complete list of references. Appropriate and consistent format, however outdated references used.	Complete list of references, however minor mistakes are made on referencing style and outdated references used.	Complete list of references, however major mistakes are made on referencing style and outdated references used.	Incomplete list of references, major mistakes are made on referencing style and outdated references used.	X 1	10
Grammar and language (10%)	No spelling or grammatical errors. Excellent quality of word processing.	There is a good range of sentence structure and vocabulary with a number of minor errors in word formation or spelling.	While there are noticeable language errors, these do not significantly interfere with the reader understanding the essay.	The range of sentences expressed correctly is limited. Errors in grammar, word choice, word formation and spelling cause difficulty for the reader.	Continuous errors in sentence structure, word choice, word forms and spelling prevent communication.	X 1	10
Total Mark							100

Student's name: _____ ID No: _____ Cohort: _____

Title of the report: _____

Examiner's name: _____ Signature: _____ Date: _____