

高雄醫學大學生命科學院

105學年度學生論文口頭及壁報競賽

1. **目的：**為鼓勵本學院學生積極參與生命科學相關研究，以提昇本學院學生之研究風氣，特舉辦此項競賽。
2. **參加資格：**本校生命科學院所有大學生、碩、博士班學生或研究成果於生科院內完成者均可參賽，唯嚴禁同一研究內容重複參賽不同組別，並以一位學生投稿一篇競賽論文為限。
3. **時間：**106年5月8日至5月9日（口頭競賽：5月9日）。
4. **地點：**第一教學大樓一樓廣場（海報競賽）與勵學大樓會議室（口頭競賽）。
5. **舉行方式：**分為(1).醫藥化學組 (2).應用化學組 (3).生醫科技與環境生物組，請各位同學選擇所屬領域報名參加競賽，張貼壁報並且口頭報告5分鐘，大學部與研究所學生分開競爭。評審將以摘要及壁報內容與口頭報告綜合評分。
6. **壁報格式：**90(寬)cm x 120(長)cm。
7. 壁報內容應包括摘要、背景介紹、實驗流程與結果、討論、參考文獻等項目。此外，**本競賽壁報與口頭報告一律採用英文呈現**，並在指定時間內（5月8日12:00-13:00）向評審委員說明論文重點並回答問題（中英文不限）。
8. 口頭報告每人以五分鐘為限並以英文報告，敦聘數名校外或院外專家學者，分別就報告內容回答問題及臨場表現予以評分排序。
9. **獎勵方式：**待公告。

本學院全額補助海報製作費（海報統一由學校集中請廠商製作）

【報名方式】

網路報名：請至 生命科學院首頁>公告事項>學院公告>生命科學院105學年度學生論文壁報競賽 網頁報名

1. **報名時間：**即日起至106年4月14日17:00止，線上報名並繳交壁報摘要電子檔（pdf檔）至1007078@gmail.com，收到報名確認回函即完成報名手續。
2. **資料繳交：**請於106年4月24日17:00前將繳交壁報摘要（書面）及壁報（pdf檔）至1007078@gmail.com。檔案格式如附檔。

College of Life Sciences, Kaohsiung Medical University

Students' Poster and oral presentation competition

We welcome all students to present your study in the poster and oral competition. This competition is open to all students (undergraduates, Master students and Ph.D students). Attendants have to present their posters on **May 8 during 12:00-13:00** as well as 5 minutes oral presentations on **May 9 during 9:00-12:00**. All presentations will be evaluated by Honorable Judges. The top three presentation awards will be given to the winners as selected by Judges.

This competition is divided into the following groups, please select one which belongs to your research area:

- (1) Medicinal chemistry
- (2) Applied chemistry
- (3) Biomedical sciences, biotechnology, and environmental biology

Abstract guideline

Write as continuous text organized as background and rationale for the study, main results, and conclusions. Do not exceed 250 words.

Poster guideline

The poster should be **90 cm (W) x 120 cm (H)**. The poster must include a title, your full name, and clearly represent your research, methods, results and conclusions. The title and the content on the poster must be clearly visible from a distance of 1 meter.

Registration Notice

Please go to apply on the website: <https://goo.gl/forms/q2PAtX58kQYcSRIt2>

- (1) The registration (abstract submission) deadline will be closed on **14 April 2017 at 17:00. The abstract (pdf. file) should be mailed to 1007078@gmail.com.**
- (2) The poster submission deadline for competition will be closed on **24 April 2017 at 17:00. The poster (pdf. file) should be mailed to 1007078@gmail.com.** The format is as follows.
- (3) Reward: to be announced.

【Abstract template】

Applied chemistry

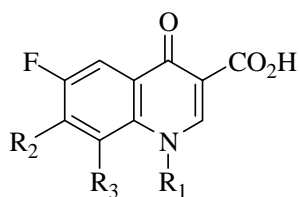
Synthesis, Antibacterial, and Anticancer Evaluation of Tricyclic and Tetracyclic Heterocycles

Yeh-Long Chen (student's name) **student's name only

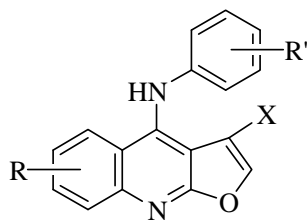
Faculty of Medicinal and Applied Chemistry, College of Life Science, Kaohsiung Medical University, Kaohsiung, Taiwan.

ylchen@kmu.edu.tw

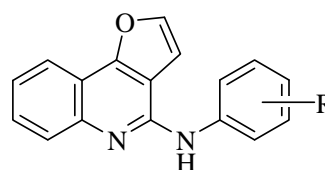
For the past few years, we have been interested in the structural optimization of antibacterial fluoroquinolones due to the versatile pharmacological properties of this type of compounds. Structural modification at C-7 and/or C-8 of 4-quinolone skeleton gave novel compounds with potent and selective antibacterial (especially drug-resistant strains), anticancer (especially renal cancers), or anti-tuberculosis (anti-TB) activity. We have also synthesized certain antitumor furo[2,3-*b*]quinoline derivatives from a natural alkaloid, dictamnine. Some of them were found to be very potent against the growth of a wide variety of cancer cells. An efficient total synthesis of furo[2,3-*b*]quinolines has also been accomplished. In addition, the isomeric furo[3,2-*c*]quinoline derivatives were also synthesized and proved to inhibit the growth of melanoma cancer cells selectively.



4-quinolone



Furo[2,3-*b*]quinoline



Furo[3,2-*c*]quinoline

【壁報摘要參考範例】

Applied chemistry

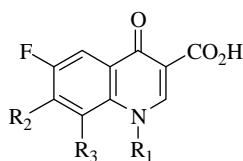
Synthesis, Antibacterial, and Anticancer Evaluation of Tricyclic and Tetracyclic Heterocycles

Yeh-Long Chen (學生中文名字) **請勿放指導教授名字

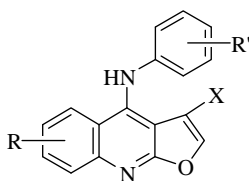
Faculty of Medicinal and Applied Chemistry, College of Life Science, Kaohsiung
Medical University, Kaohsiung, Taiwan.

ylchen@kmu.edu.tw

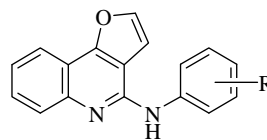
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4-quinolone



Furo[2,3-*b*]quinoline



Furo[3,2-*c*]quinoline

摘要格式：

- 題目字型格式使用 12pt 且粗體，並間隔一行；姓名、單位與內文字型格式使用 12pt 大小。
中文內容採標楷體，英文採 Times New Roman 字體，行高設為 1.25 行，字數請不超過一頁 A4 為限，並需於右上角標記所屬組別（使用 12pt 且粗體）。
- 參賽者請同時註名中英文名，可同時列出數名參賽者。主講者請以 underline 註明。
- 同一研究題目請勿同時報名參賽兩項，請勿寫出所屬的指導教授姓名（以利評審公平審核）。

【壁報格式範例參考範例】



(主講者之 mail 與實驗室分機)

(以下自由發揮)

壁報格式：

- 主題壁報版面設定為 90(寬)cm x 120(長)cm，內容需以英文呈現，並需於右上角標記所屬組別（標楷體字體大小 60）。
- 參賽者請同時註名中英文名，可同時列出數名參賽者，主講者請以 underline 註明。
- 請附上主講者之 mail 與實驗室分機，以利有興趣者連絡。
- 同一研究題目請勿同時報名參賽兩項，請勿寫出所屬的指導教授姓名（以利評審審核）。
- 題目字體大小建議 >80，名字(參賽者)字體大小建議 >50，系所字體大小建議 >30。
- 考量專利申請問題，本成果壁報比賽，不會上網刊登。