TechComm 科技共同空間

TechComm 是 生命科學院 的科技共同空間，提供生物科學相關科技服務，開放本院師生使用。目前建置數個平台，請連結下
列圖示。另外，以遠端方式整合本院所屬儀器，成立 TC5 生物形態學中心。 TechComm 將提供儀器分析服務，設置儀器平台之軟體諮詢
服務，協助使用者皓然勝任的校內外儀器中心，或可靠的廠商。目前新平台 TC2 Bioinformatics，將由 阮春英 老師主持 (Now)。

任何問題請電 3366-9680

TechComm 證照：生科院全體師生員工均可申請使用 TC Passport。申請成功者，致贈花生兩罐一組。

生科院的「 共同儀器中心 」也有相關的儀器服務，未來能夠建立院內合作之服務平臺。

請注意：下學期(97-2)本校新設『智慧財產權相關課程三門』
TechComm: Organization

TechComm (TC) is supervised directly by TC Committee, which is constituted by the Dean and all the nine Department Heads of the College. TC has five platforms now, each is headed by a PI leading a group of postdoctoral manager or assistants. TC also reorganizes the existing core facilities in this College. Many training courses are opened to the users that will be helpful to maintain the normal function and full capacity of the platforms.
In each platform, a package of complete services focused on a major technology is proposed. A flow-chart covering all the possible techniques would be the central stage of the platform. The items in the flow-chart could be a stand-alone instrumental analysis, or a serial of operations to achieve a complete goal. Scientific consultation is highly emphasized in each platform.
TC2 is the newest platform, and a spinoff from TC3. It is composed of computer software and servers essentially for analyzing data obtained from genomics or proteomics.
TC3 Proteomics

TC3 starts from protein purification to 2-DE analysis and the final identification of protein spots by mass analysis. At present, TechComm has no any mass spectrometer. However, users can get their mass data in one week, and pay nearly half of the regular price through the commercial service arranged by TechComm.
In TC4, users bring their own antigens, and choose to prepare conventional or monoclonal antibody. Regular courses and workshop are designed to guide students in producing antibody by themselves starting from immunization.
TC5 offers services for confocal or electron microscopy. Regular courses and workshops are scheduled for students and assistants around the campus. They are encouraged to prepare their own samples and perform image observations.
TechComm: Main Space

TechComm has its main space at the 3rd floor of the Life Science Building which hosts some platforms and the main office. Meeting room and two consultation rooms are ready for users. Animal room and some heavier facilities are located at other floors for larger space.

Call TechComm: 3366-9680
**TechComm: Evaluation of Services**

**Frequency:** (1) High user frequency; (2) High ratio for outside user

**Efficiency:** (1) User satisfaction; (2) Low failure/breakdown

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**平台使用效率評鑑因子**

<table>
<thead>
<tr>
<th>使用頻率</th>
<th>整體效果</th>
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<tbody>
<tr>
<td>使用人次</td>
<td>低故障率</td>
</tr>
<tr>
<td>內外比率</td>
<td>高滿意度</td>
</tr>
</tbody>
</table>

使用頻率：
- **5** Very Hot
- **4**
- **3**
- **2**
- **1**

整體效果：
- **5** Very Cool
- **4**
- **3**
- **2**
- **1**
TechComm: Future Development

Phase I - (1) Establish main lab; (2) Set up platforms (3); Service & consultation; (4) Workshop & training; (5) Research productivity

Phase II: (1) Refinement; (2) Novel or unique platforms

TechComm 長短程規劃

Phase 1

(1) 創設生科院『科技共同空間 TechComm』為研究技術核心。
(2) 建立並維護五個生命科學之『核心平台』TC1~TC5。
(3) 提供方便、快速、新穎、可靠的檢測與分析，以及技術諮詢。
(4) 配合相關課程、研習會，培養研究人才，為研發實力打底。
(5) 同時提升本院教學與研究兩方面之優質產出。

Phase 2

Phase 2-1  (1) 各平台之優質化：深度 + 廣度
(2) 推廣院外服務，加強院際合作

Phase 2-2  (1) 更新穎之尖端平台
(2) 具有特色之科技平台
You are very welcome to use platforms in TechComm. Just call us.

3366-9680; 3366-2498
The College of Life Science was initiated in 2003 by reorganizing several Departments and Institutes from other Colleges in NTU.
Future Vision for the College

Excellence in teaching for a profound base to bloom outstanding explorers

Excellence in infrastructure for graduate research to incubate novel discoveries

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学系

打底

降低教师教学时数
聚焦打造优质课程
培养优质卓越学生
造就卓越研究人员

研究所

拔尖

激励研究发展士气
校内外跨领域合作
完善公共仪器空间
坚强的第一线战力

Excellence in Teaching → Outstanding Explorers
Infrastructure for Research → Incubate Novel Discoveries

Top University Project