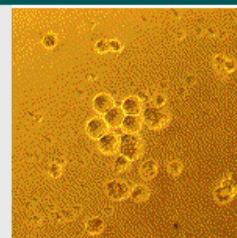


工作坊 (Workshop News)

Flow-chart
Service list

[illegible]

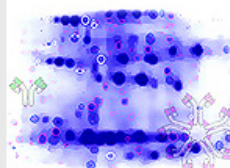
Flow-chart
Service list



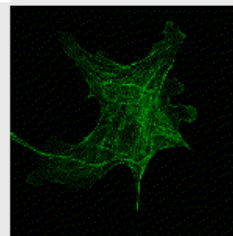
Flow-chart
Service list



Flow-chart
Service list



Flow-chart
Service list



儀器核心
Service list

線上預約 TC Booking! / 違規使用罰則 / 使用者申訴

Site map

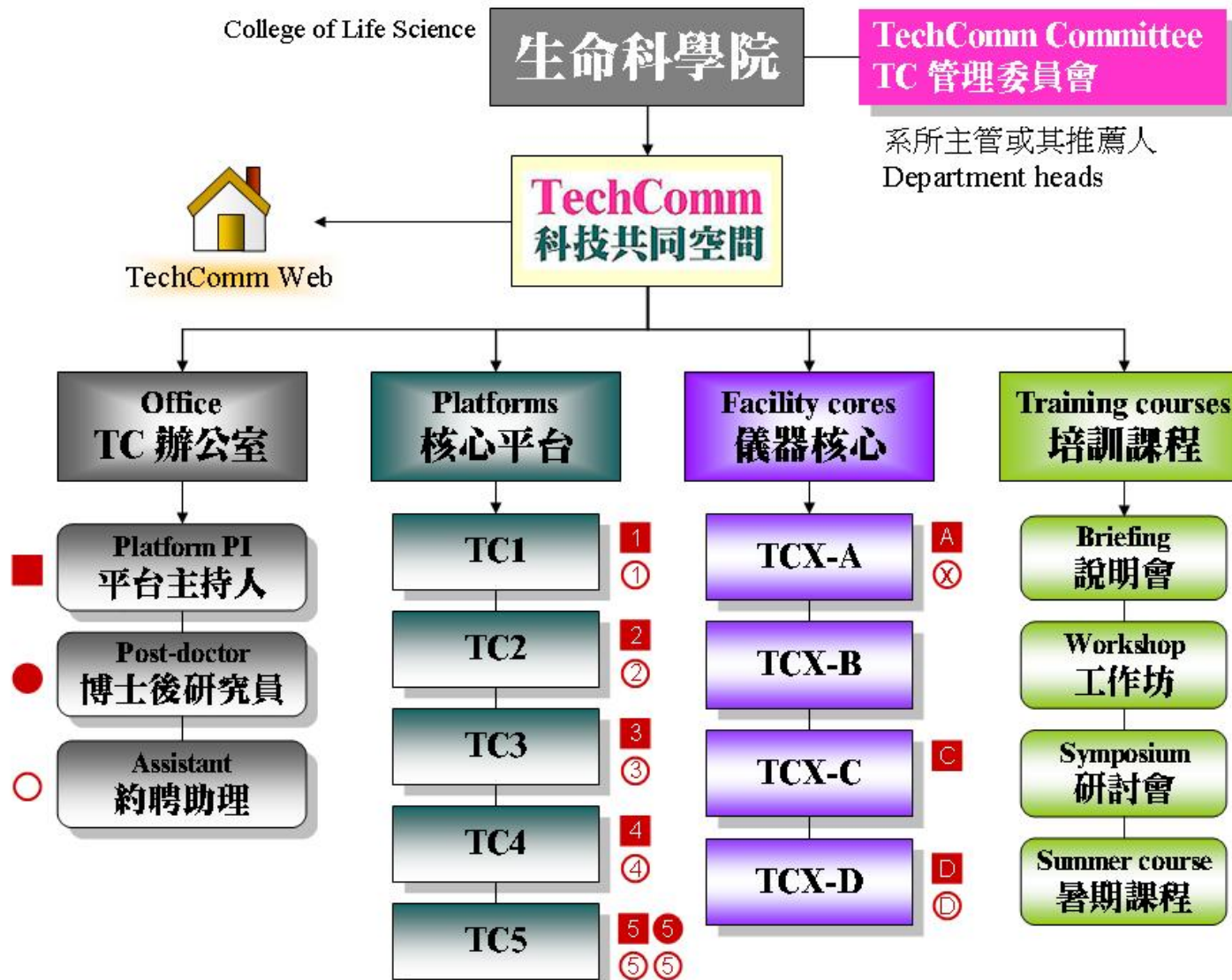
任何問題請電 **3366-9680**

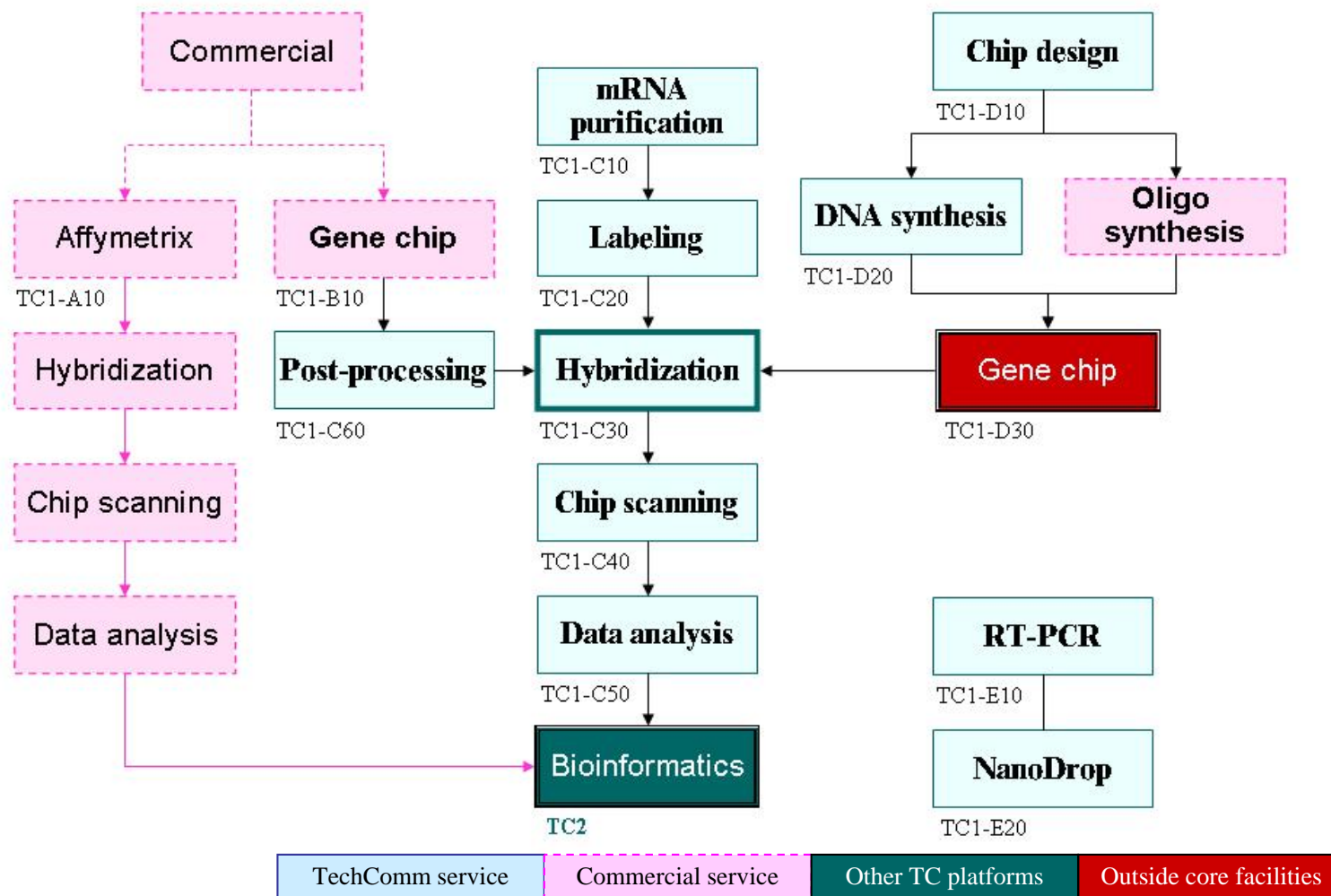
生農學院的「共同儀器中心」也有相關的儀器服務，未來希望能夠建立跨院合作之服務平台。

請注意：下學期(97-2)本校新開「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.



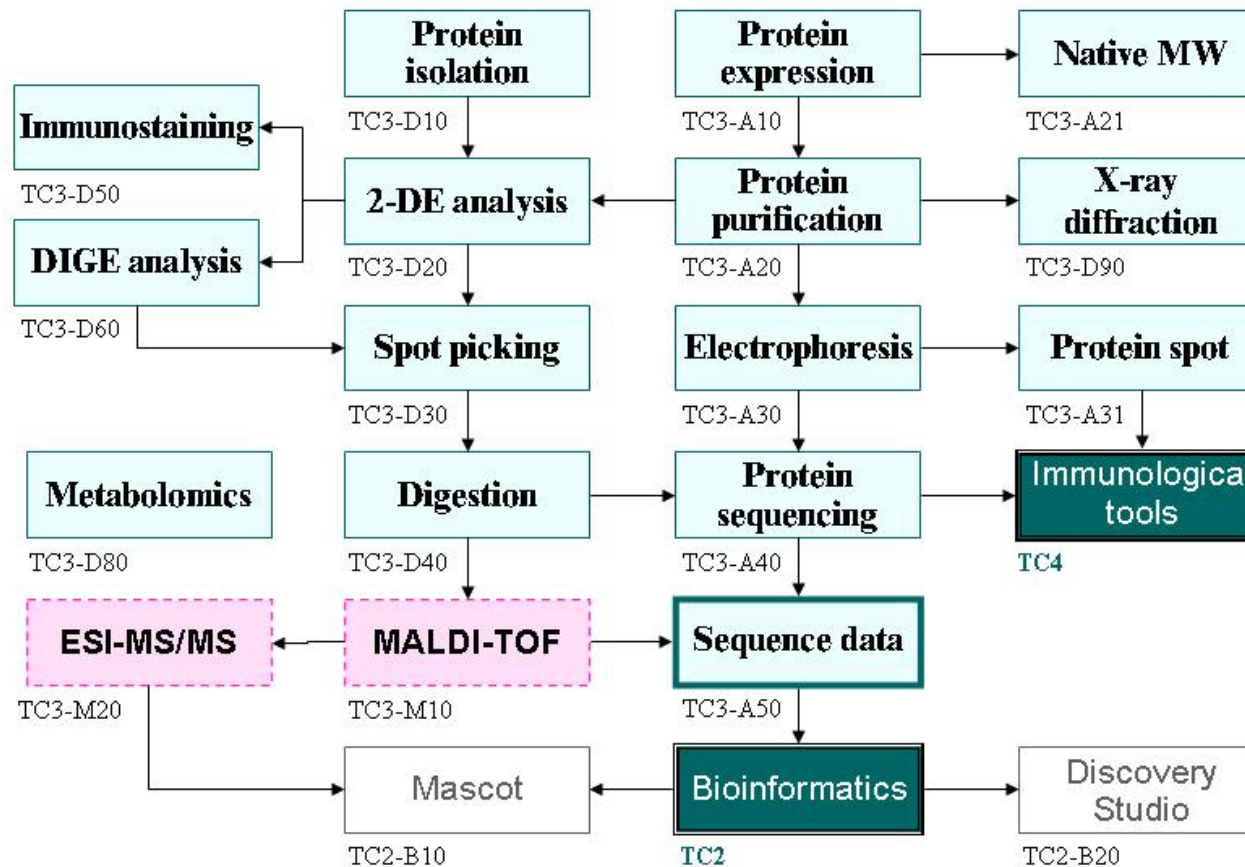


TC1 Genomics / Transcriptomics

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.

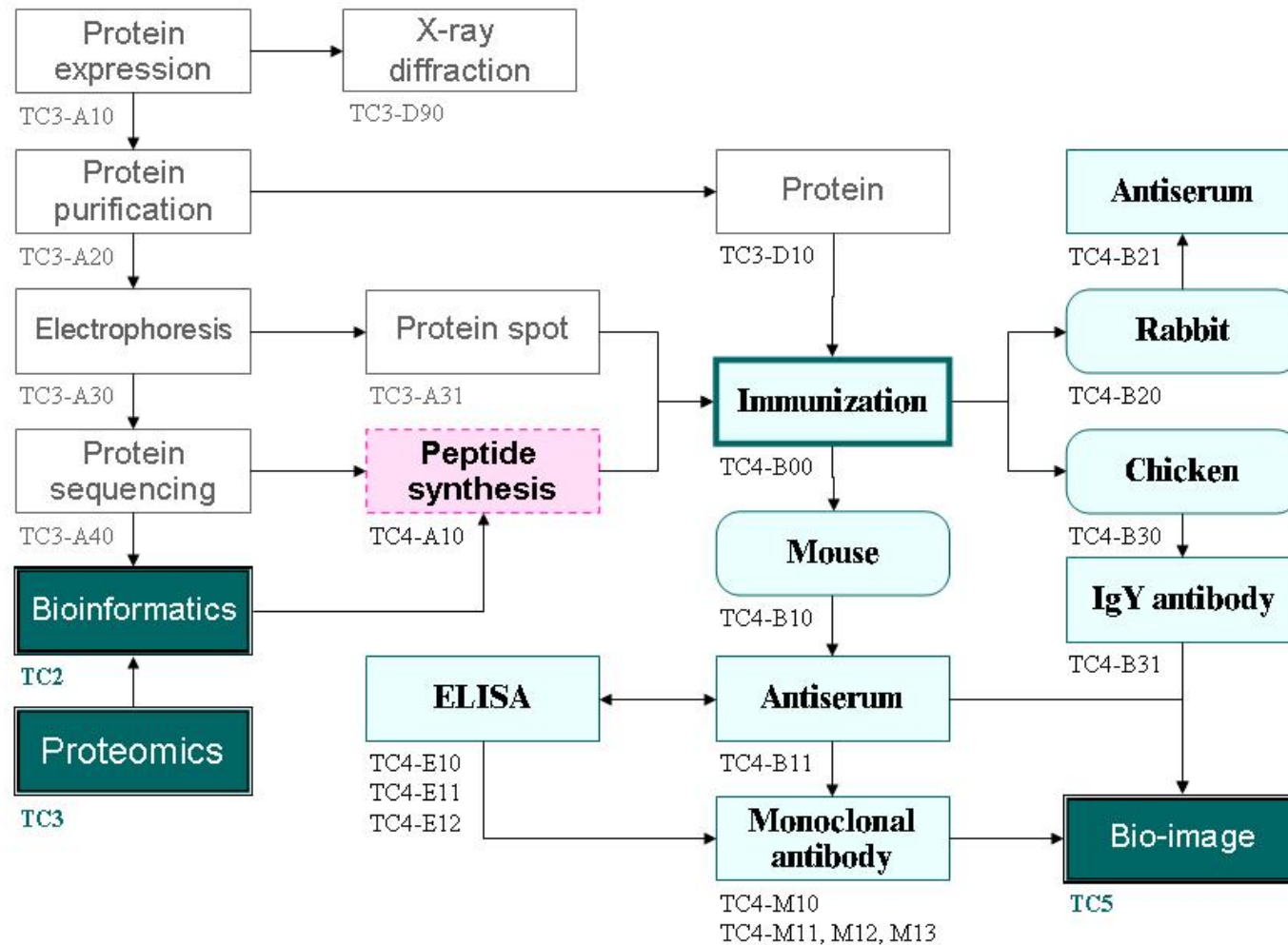


TC2 is the newest platform, and a spinoff from TC3. It is composed of computer software and servers essentially for analyzing data obtained from genomics or proteomics.



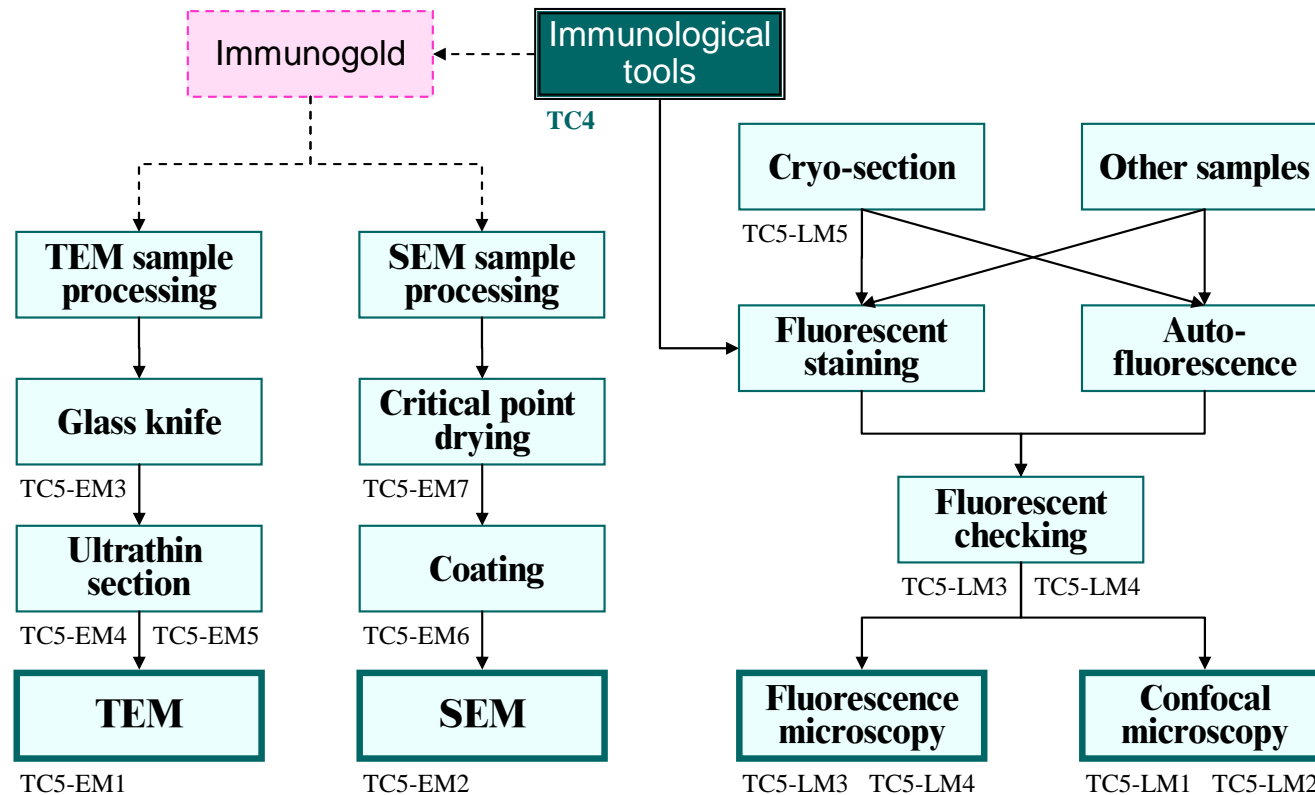
TC3 Proteomics

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.



TC4 Immunological Tools

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 Bio-Image Tools

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.

空間配置

生命科學院三樓



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.

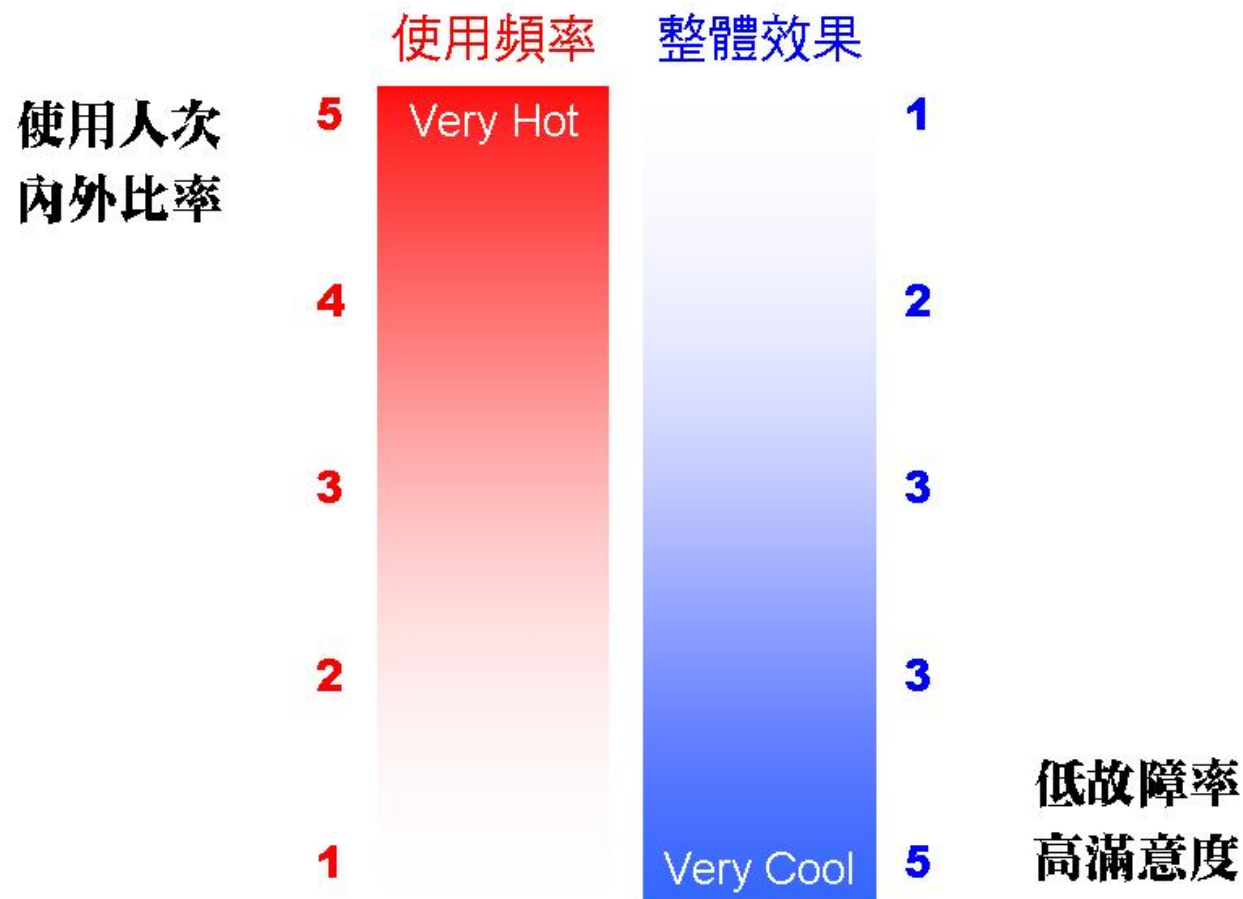
Call TechComm: 3366-9680

TechComm: Evaluation of Services

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

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

平台使用效率評鑑因子



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。 | (技術、整合) |
| (2) 建立並維護五個生命科學之『核心平台』TC1~TC5。 | (需求、新穎) |
| (3) 提供方便、快速、新穎、可靠的檢測與分析，以及技術諮詢。 | (服務、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。 | (教學、人才) |
| (5) 同時提升本院教學與研究兩方面之優質產出。 | (傑出期刊、專利技轉) |

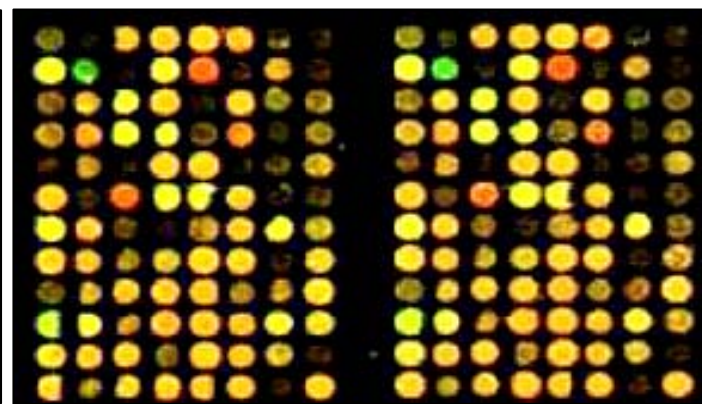
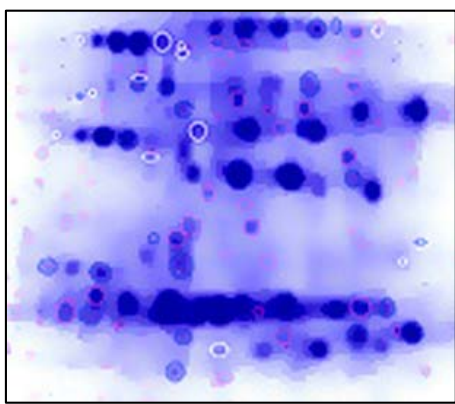


Phase 2

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

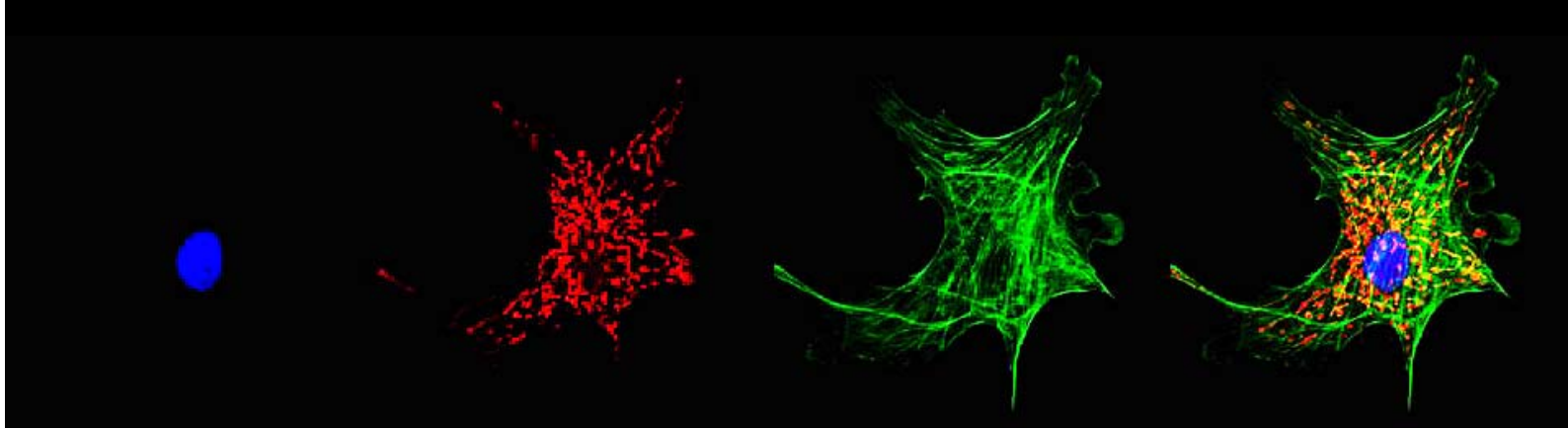
Phase 2-2 (1) 更新穎之尖端平台
(2) 具有特色之科技平台





You are very welcome to use platforms in TechComm. Just call us.

3366-9680; 3366-2498



Organization of the College

生命科學院 College of Life Science

生命科學系 Department of Life Science	生化科技學系 Department of Biochemical Science & Technology
◇ 動物學研究所 15 Institute of Zoology	○ mbc 19 微生物與生化學研究所 Institute of Microbiology & Biochemical Science
◇ 植物學研究所 9 Institute of Botany	◇ IBS 7 (Faculty) 生化科學研究所 Institute of Biochemical Science
分子與細胞生物學研究所 10 Institute of Molecular & Cellular Biology	
生態學與演化生物學研究所 12 Institute of Ecology and Evolutionary Biology	
◇ 漁業科學研究所 7 Institute of Fishery Science	◇ 原理學院 (from College of Science) ○ 原農學院 (from College of Agriculture)

The College of Life Science was initiated in 2003 by reorganizing several Departments and Institutes from other Colleges in NTU

Excellence in undergraduate education for a profound base to bloom outstanding explorers

Excellence in infrastructure for graduate research to incubate novel discoveries

