

2015年03月30日 發育再生臺大校內小型研討會 活動照片



時間:2015.03.30

地點:臺灣大學生命科學院3樓演講廳





臺灣大學發育生物學與再生醫學研究中心

小型發育再生研討會

時間:2015.03.30

地點:臺灣大學生命科學院3樓演講廳

Time	Name		Affiliation	Title
10:00	Registration			
10:15	朱有田	副教授	臺大動物科學 技術學系	Functional study of mammary gland by using immortal mammary epithelial cells
10:30	徐翦曼	助理	中研院植微所/ 陳柏仰助研究員	Characterization of DNA methylation and regeneration in <i>Aeolosoma viride</i>
10:45	巫承翰	博士生 (李宣書教授)	臺大生物科技研究所	Long duration muscle dedifferentiation during axolotl limb regeneration
11:00	董成淵	教授	臺大物理學系	Label-free imaging of collagen in three dimensions
11:15	黃珩	助理 (林銘泰醫師/ 吳美環院長)	臺大兒童醫院 兒童心臟科	NODAL Mutations in 100 Children with Right Atrial Isomerism
11:45	張正琪	副教授	臺大口腔生物科學 研究所	Epigenetic Histone Modification of Radiation Therapy Resistance in Cancer Stem Cell
12:00	Lunch Open Discussion for the strategic plan of the future			
13:00	張俊哲	教授	臺大昆蟲學系	Evo-Devo of the assembly of germ plasm in insects
13:15	林頌然	副教授	臺大醫學工程研究所	How hair follicle repairs itself after genotoxic injury
13:30- 14:30	鍾正明	院士	南加大病理系	Stem cells, Skin Appendages and Evolution: A multi-disciplinary journey with photos from my voyage to Galápagos Islands

主持人



楊偉勛教授

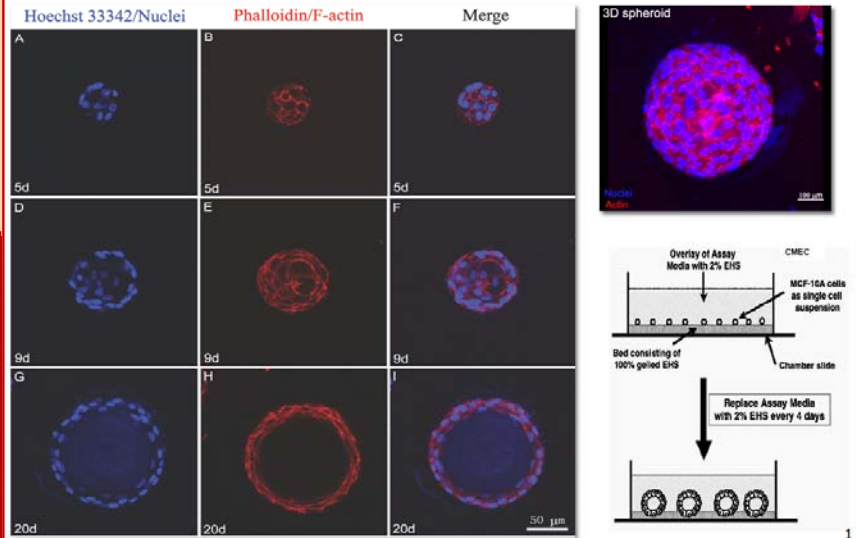


李士傑教授



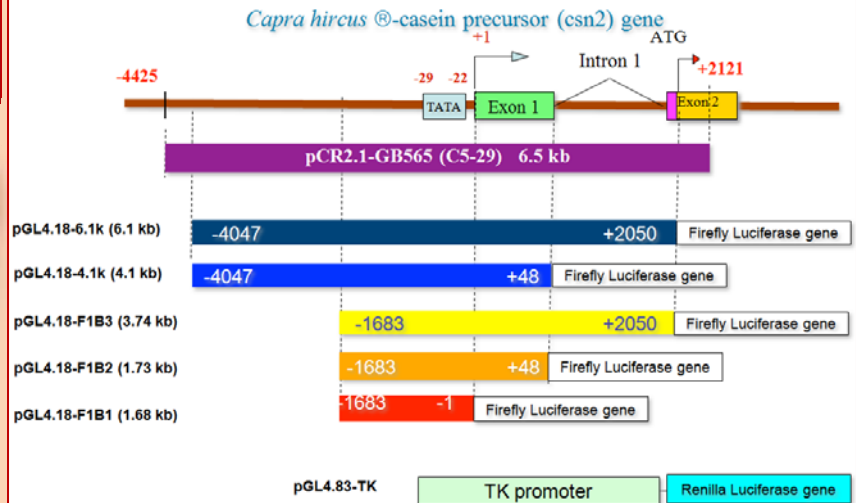
張俊哲教授

Immortal goat mammary epithelial cell lines form functional acini in extracellular matrix



朱有田副教授

The proximal region of goat CSN2 promoter is sufficient for lactogenic hormone stimulation and intron 1 is required for tissue specific expression in goat mammary gland.



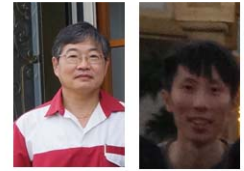


徐翕曼助理

Our Groups

台灣大學生命科學系

- 陳俊宏 教授
- 陳際帆 同學



中央研究院資訊研究所

- 林仲彥 博士
- 陳淑華 博士

中央研究院分子生物學研究所

- 陳律佑 博士

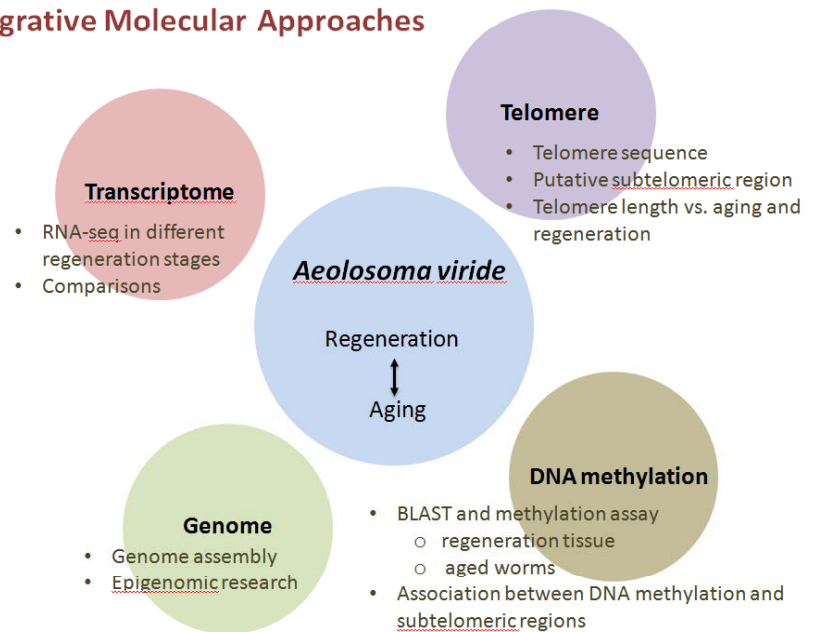


中央研究院植物暨微生物學研究所

- 陳柏仰 博士
- 郭虹彬 同學
- 徐翕曼

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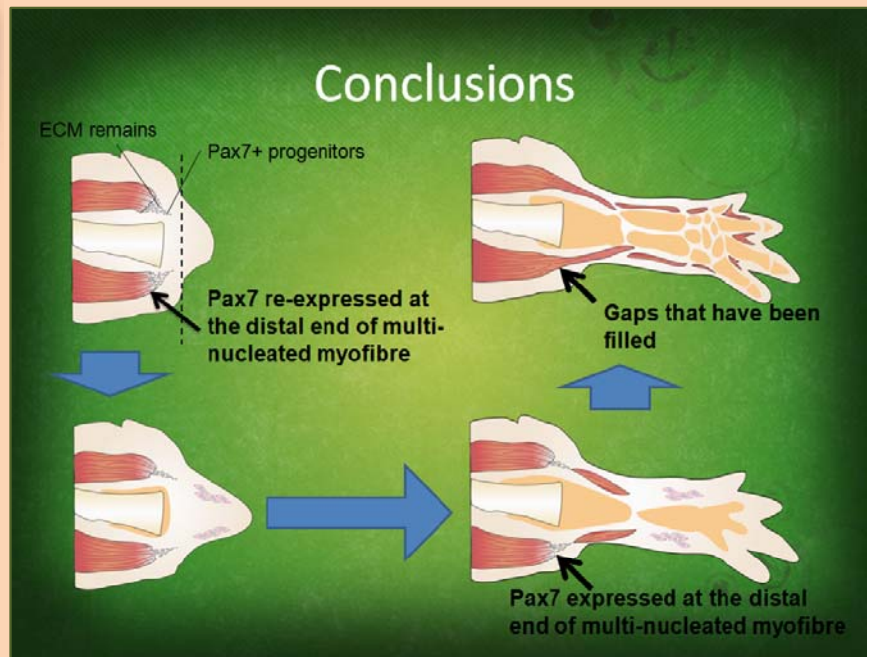
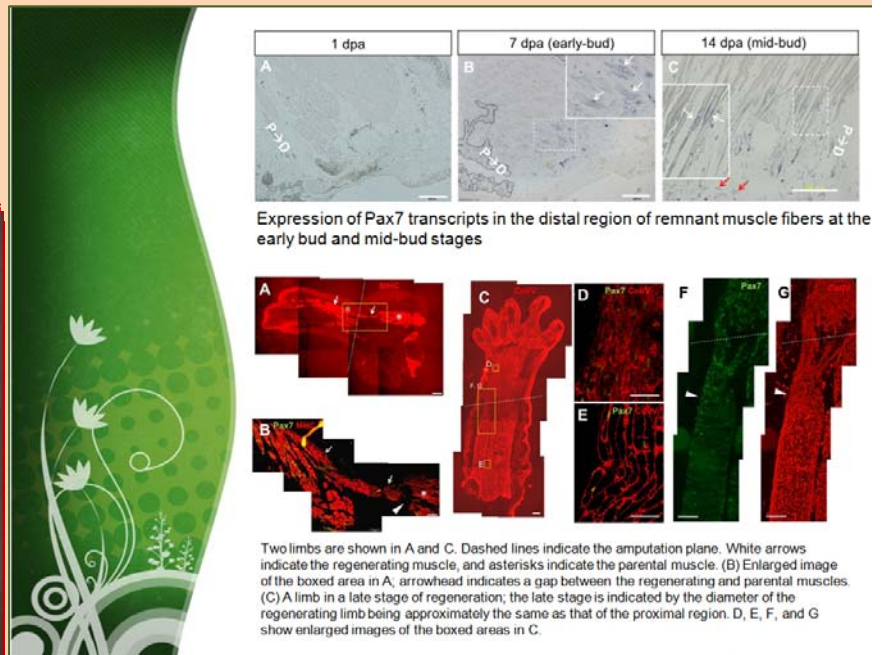
Integrative Molecular Approaches



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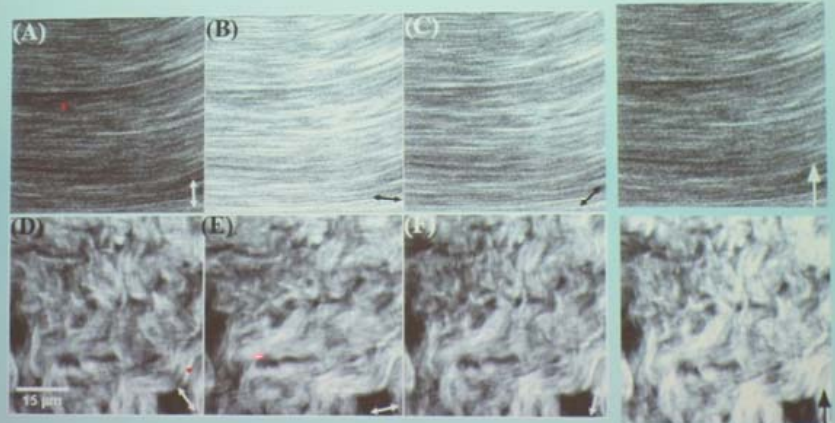
巫承翰博士生





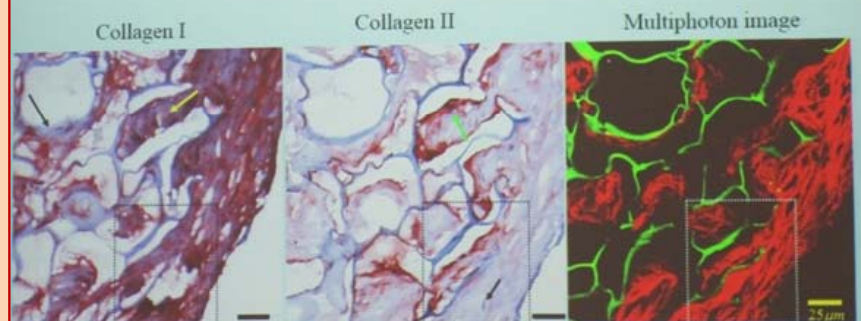
董成淵教授

Effects of Excitation Polarization on SHG imaging of Tendon and Cartilage



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Multiphoton Imaging of Engineered Cartilage





黃珩助理

Summary

- We identified two novel NODAL/ P158L mutations in an Asian cohort of RAI patients.
- The amino acid is conserved cross several vertebrates.
- The biological role of the mutation should be studied in the future.



林銘泰醫師

Conclusion

Nodal overexpression **inhibited** the apoptosis of P19 cells

	<i>promote apoptosis</i>	<i>Inhibit apoptosis</i>
cell	human trophoblast cell (human epithelial ovarian cancer cell)	human glioma cell (renal cell carcinoma, breast cancer cells)
vector	pcDNA4	pcDNA3.1

Current problems:

- Is difference of 2%-3% significant ?
- If it is significant, how to explain the data?
- Change cell or vector?

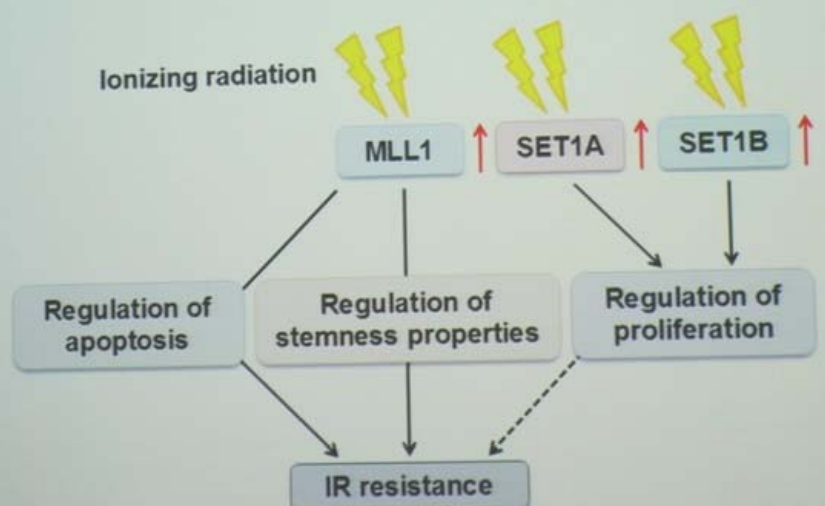


張正琪副教授

Conclusion

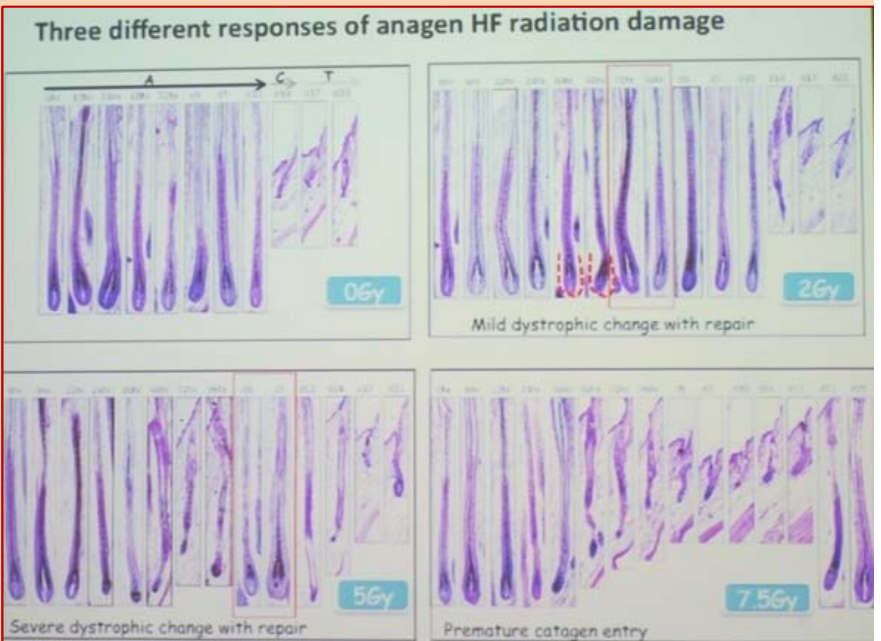
- Stem-like cells performed distinct H3K4 HMTs expression signature in CRC and HNSCC.
- Radioresistance subpopulation showed higher cancer stemness properties.
- MLL1, a member of H3K4, may be a crucial effector involved in IR resistance and stemness properties in HNSCC and CRC.

Summary





林頌然副教授



Parthenogenetic and viviparous reproduction
(孤雌生殖胎生)



張俊哲教授

Aphid as an emerging insect model

來自教科書封面的鼓勵



Insect Molecular Genetics

An Introduction to Principles and Applications

Third Edition

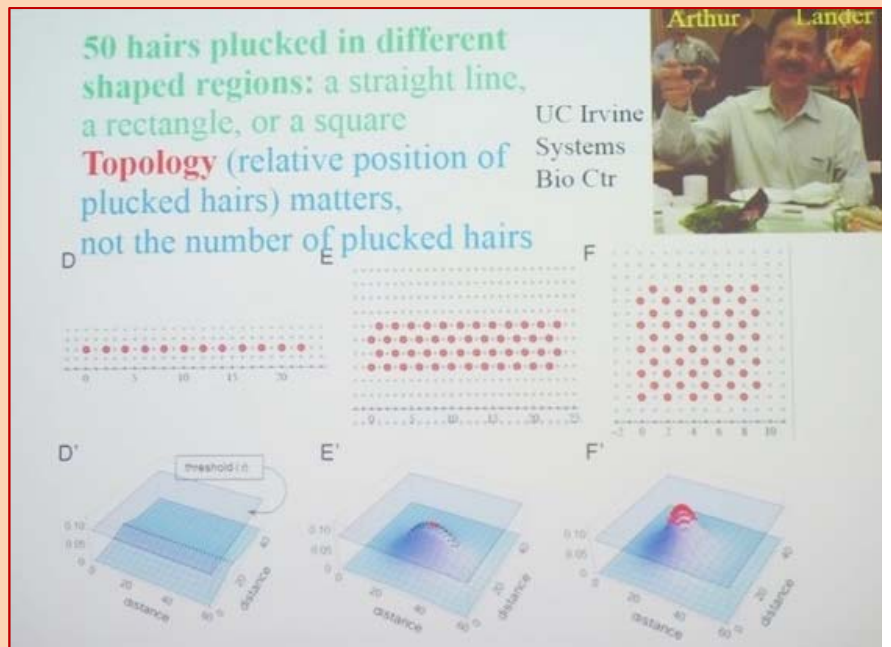
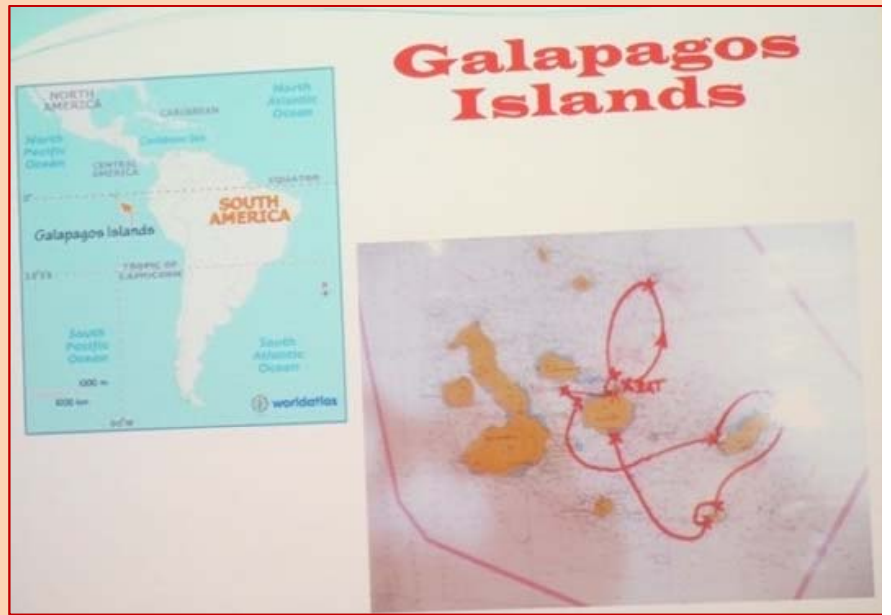


Marjorie A. Hoy





鍾正明院士

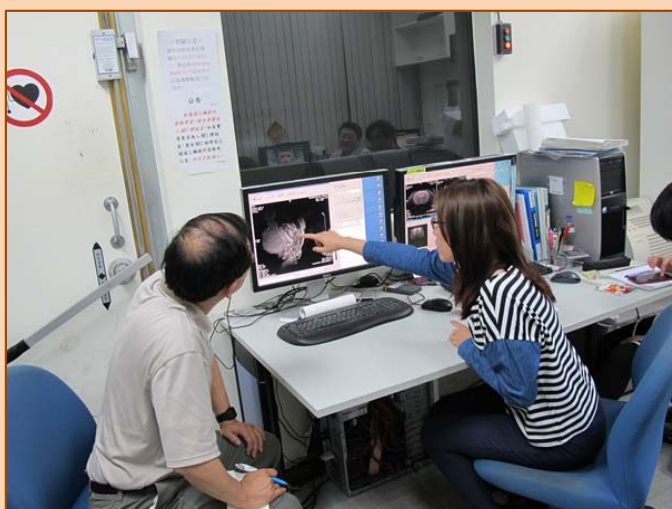


鍾正明院士 參觀社經院和磁振分子影像核心實驗室

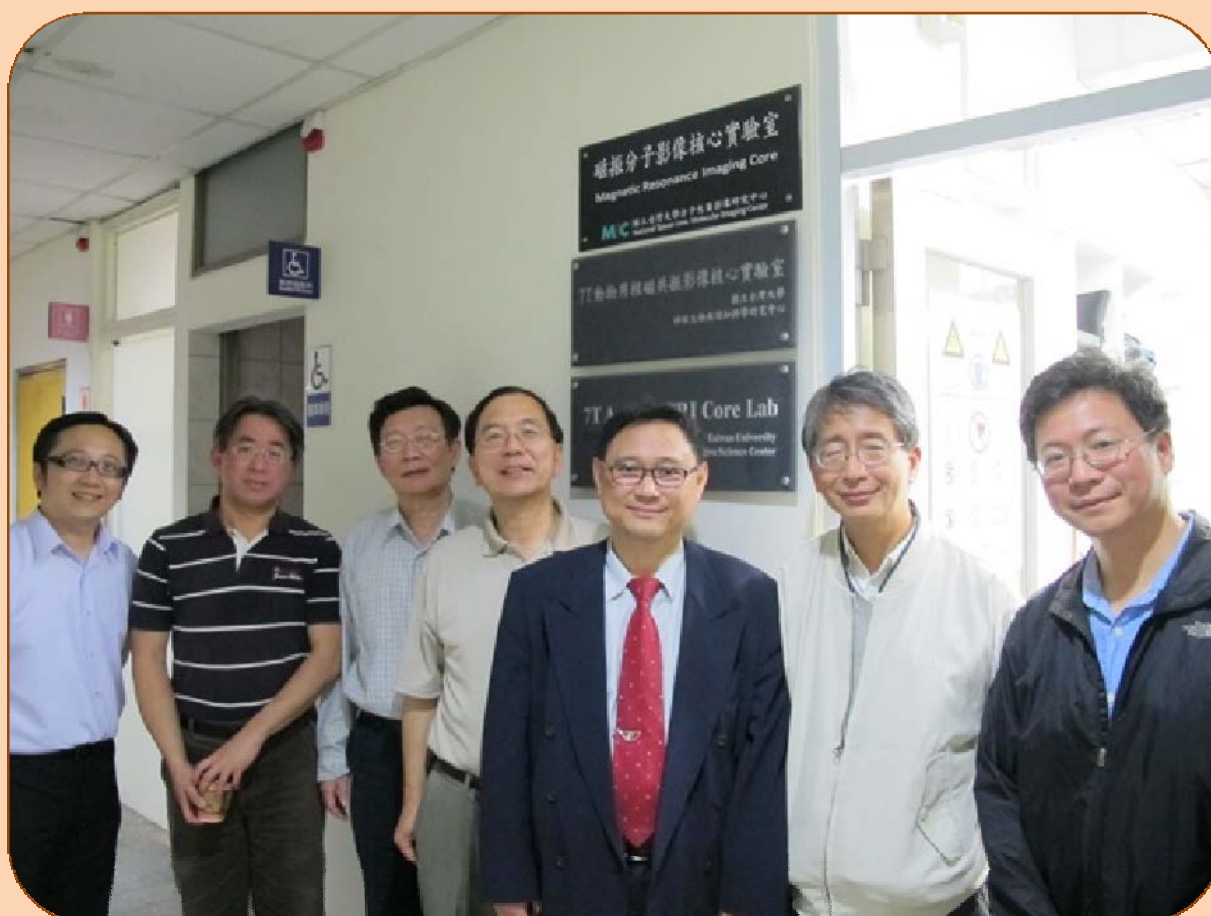


美麗的建筑 Pattern與林惠玲院長





鍾正明院士 參觀磁振分子影像核心實驗室



鍾正明院士 參觀永齡生醫中心

