

The 5th Symposium on Skeletal Muscle Biology (Hong Kong, 2019)

第五届骨骼肌生物学 研讨会 (香港, 2019)

13 – 15 APRIL 2019
HKUST, Hong Kong

Sponsors:



Organizers:



The 5th Symposium on Skeletal Muscle Biology

第五届骨骼肌生物学研讨会

Meeting Introduction

To foster the communications and collaborations among research groups working on skeletal muscle stem cell, muscle development, regeneration and muscle diseases across China and Hong Kong, here we invite more than 20 groups and 70 people to gather in Hong Kong from 13 to 15 April 2019 to hold the 5th Symposium on Skeletal Muscle Biology.

Meeting Topics:

- Muscle stem cell regulation, muscle regeneration and aging.

Meeting Date and Venue:

- Date : 13 to 15 April 2019 (Saturday to Monday)
- Venue : IAS Lecture Theater, Lo Ka Chung Building, Lee Shau Kee Campus
Hong Kong University of Science and Technology (HKUST)
Clear Water Bay, Kowloon, Hong Kong

Organizers:

- Tom Cheung (HKUST)
- Huating Wang (CUHK)
- Zhenguo Wu (HKUST)

Meeting Overview:

13 April 2019	17:00 pm to 22:00 pm	Registration / Session 1
14 April 2019	09:00 am to 21:00 pm	Session 2 / Activity
15 April 2019	09:00 am to 14:00 pm	Session 3

Contacts:

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Meeting Program

TIME	PROGRAM	VENUE
13 April 2019 (Saturday) Chair: Dahai Zhu and Qingyong Meng		
17:30-19:00	Opening Banquet	China Garden, The G/F. Restaurant, HKUST
19:00-19:15	Registration	Lo Ka Chung Building, HKUST
19:15-19:20	Opening Remark by Prof. Zhenguo Wu	IAS Lecture Theater, HKUST
19:20-19:35	Speaker talk (1) Study on Skeletal Muscle Homeostasis via Zebrafish Model Mengye Cao , <i>Shanghai Institute of Nutrition and Health, CAS</i>	
19:35-19:50	Speaker talk (2) Dynamic 3D chromatin architecture during myoblast differentiation Siyuan Kong , <i>Agricultural Genomics Institute at Shenzhen, CAAS</i>	
19:50-20:05	Speaker talk (3) Long noncoding RNA SAM promotes myoblast proliferation and skeletal muscle regeneration through stabilizing Sgt1 and facilitating kinetochore assembly Yuying Li , <i>CUHK</i>	
20:05-20:20	Speaker talk (4) Application of deep learning: a new tool for measuring skeletal muscle fiber size Jie Yuan , <i>CUHK</i>	
20:20-20:35	Break	

20:35-20:50	Speaker talk (5) BAMBI shuttling is required for skeletal muscle regeneration Xiangping Yao , Guangdong Institute of Microbiology	
20:50-21:05	Speaker talk (6) Role and mechanism of BAF60s in skeletal muscle regeneration Yuqing Wei , Zhejiang University	
21:05-21:20	Speaker talk (7) Muscle-secreted G-CSF is a metabolic niche factor that ameliorates aged-dependent loss of muscle stem cell Hu Li , Institute of Basic Medical Sciences, CAMS	
21:20-21:35	Speaker talk (8) A new therapeutic effect of catalpol revealed by functional improvement in muscular dystrophy Dengqiu Xu , China Pharmaceutical University	
*** END OF FIRST DAY'S PROGRAM ***		
14 April 2019 (Sunday) Chair: Ping Hu and Zhenji Gan		
09:00-09:30	Speaker talk (1) The indispensable role of Paxbp1 in early activation of adult muscle satellite cells Prof. Zhenguo Wu , HKUST	IAS Lecture Theater, HKUST
09:30-10:00	Speaker talk (2) Control of muscle stem cell fate decision by NAD ⁺ and protein acetylation Prof. Hongbo Zhang , Sun Yat-sen University	
10:00-10:30	Speaker talk (3) Enhancer-promoter association determines gene specificity in mouse cells Prof. Yubo Zhang , Agricultural Genomics Institute at Shenzhen, CAAS	
10:30-11:00	Group Photo and Coffee Break	Lo Ka Chung Building, HKUST

11:00-11:30	Speaker talk (4) Molecular regulation of stem cell quiescence and activation Prof. Tom Cheung, HKUST	
11:30-12:00	Speaker talk (5) miR-31 promotes skeletal muscle regeneration via regulating stem cell pool proliferation Prof. Qingyong Meng, China Agricultural University	
12:00-12:30	Speaker talk (6) Dkk3 disrupted insulin responses in aged skeletal muscles Prof. Ping Hu, Shanghai Institute of Biochemistry and Cell Biology, CAS	
12:30-13:00	Speaker talk (7) Dual function of a novel compound 002 in treating muscular dystrophy and obesity via MEK/ERK singling pathway Prof. Yong Zhang, Institute of Basic Medical Sciences, CAMS	
13:00-14:00	Light Lunch	Passion, HKUST
14:00-18:00	Explore Hong Kong	Tsim Sha Tsui
18:00-21:00	Dinner	Hung Kee Seafood Restaurant, Sai Kung
*** END OF SECOND DAY'S PROGRAM ***		
15 April 2019 (Monday) Chair: Yong Zhang and Tom Cheung		
09:00-09:30	Speaker talk (1) Bidirectional role of iron in muscle and adipocyte stem cell switch Prof. Liwei Xie, Guangdong Institute of Microbiology	IAS Lecture Theater, HKUST

09:30-10:00	<p>Speaker talk (2)</p> <p>In Vivo functional investigation of key transcription factors regulating satellite cell quiescence and activation by CRISPR/Cas9/AAV9-sgRNA mediated genomic editing.</p> <p><i>Prof. Huating Wang, CUHK</i></p>	
10:00-10:30	<p>Speaker talk (3)</p> <p>Epigenomic control of muscle fiber type switching</p> <p><i>Prof. Zhenji Gan, Nanjing University</i></p>	
10:30-11:00	Coffee Break	Lo Ka Chung Building, HKUST
11:00-11:30	<p>Speaker talk (4)</p> <p>RNA editing regulates skeletal muscle development</p> <p><i>Prof. Zhonglin Tang, AGIS</i></p>	
11:30-12:00	Closing Remark and Award Presentation	
12:00-14:00	Closing Lunch	UniQue, HKUST
<p>*** END OF THIRD DAY'S PROGRAM ***</p>		