



ICRB 8th
Guangzhou 2019

Conference Book

2019.11.08-10

The 8th International Congress
on Rabbit Biotechnology



Conference Owners

The 8th International Congress on Rabbit Biotechnology

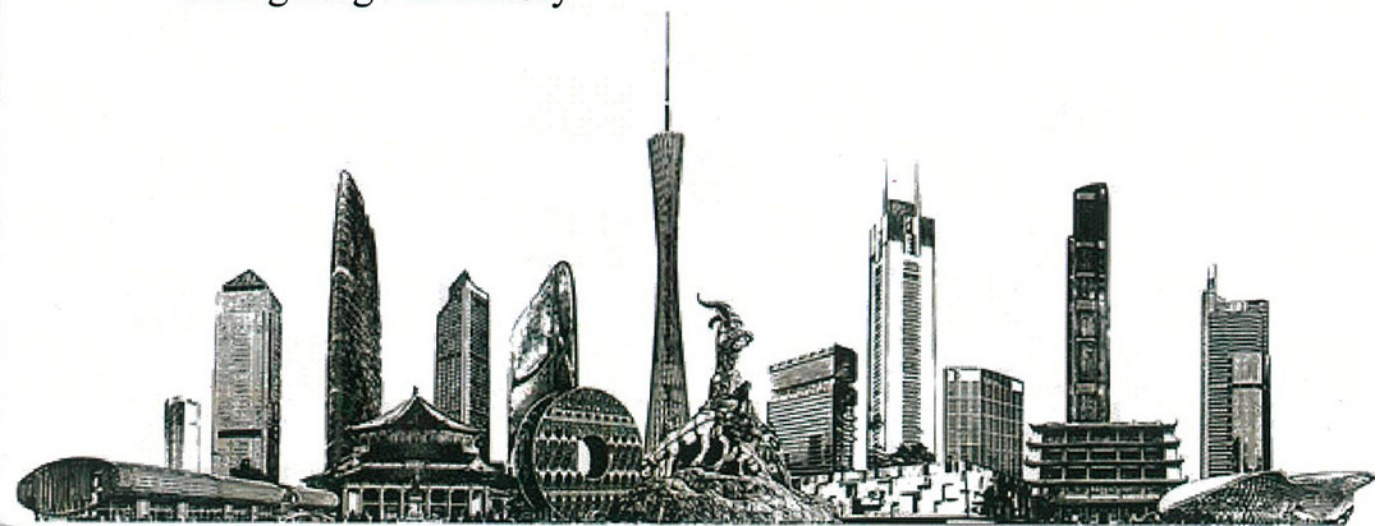
Hosted By



Guangzhou Institutes of Biomedicine and Health
(GIBH), CAS



GRMH-GDL Guangzhou Regenerative Medicine and Health-
Guangdong Laboratory





Welcome

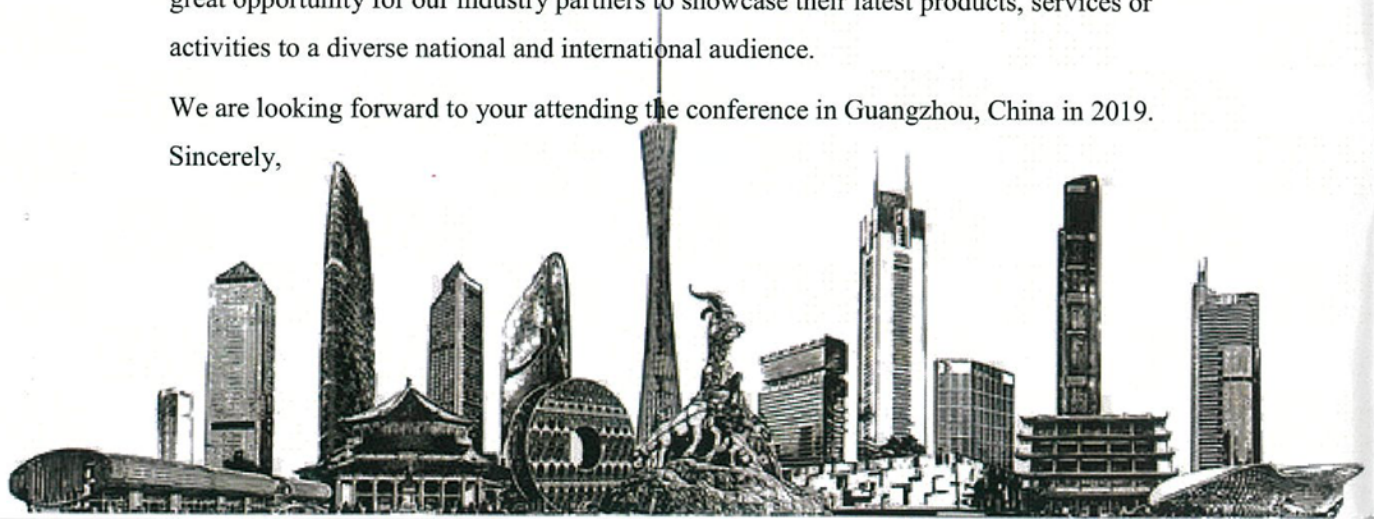
On behalf of the ICRB and the Local Organizing Committee, we would like to extend our warmest welcome to all of you to Guangzhou, China, for the 8th ICRB Conference, from November 08-10, 2019. We not only hope that the scientific programs will provide you insightful perspectives of animal genetics, but also wish that the renowned ancient city, Guangzhou, will leave you an unforgettable memory.

The 8th ICRB Conference is co-hosted by Guangzhou Institutes of Biomedicine and Health, Chinese Academy of Science and Guangzhou Regenerative Medicine and Health-Guangdong Laboratory. From its first beginning, ICRB has been devoted to the study of the human disease therapeutics, functional genomics and antibody production of rabbits. ICRB is a scientific society that promotes scientific research, facilitates research communication and disseminates knowledge among scientists worldwide.

The venue for 8th ICRB Conference, Guangzhou, capital and most populous city of the province of Guangdong in southern China, is reputed as the "Flower City" due to its warm climate. Guangzhou has a history of over 2,200 years and is one of the birthplaces of the ancient Chinese civilization. As one of the origins of the ancient Marine Silk Road of China and one of the sources of modern China revolution, the city has won a reputation all over the world.

The 8th ICRB Conference will bring together researchers from around the world, who are conducting state-of-the-art research in rabbit life science. We are planning a series of inspirational scientific and social programs that enable the delegates to present cutting-edge scientific innovations and exchange research ideas. The conference will also be a great opportunity for our industry partners to showcase their latest products, services or activities to a diverse national and international audience.

We are looking forward to your attending the conference in Guangzhou, China in 2019.
Sincerely,





Professor Jianglin Fan

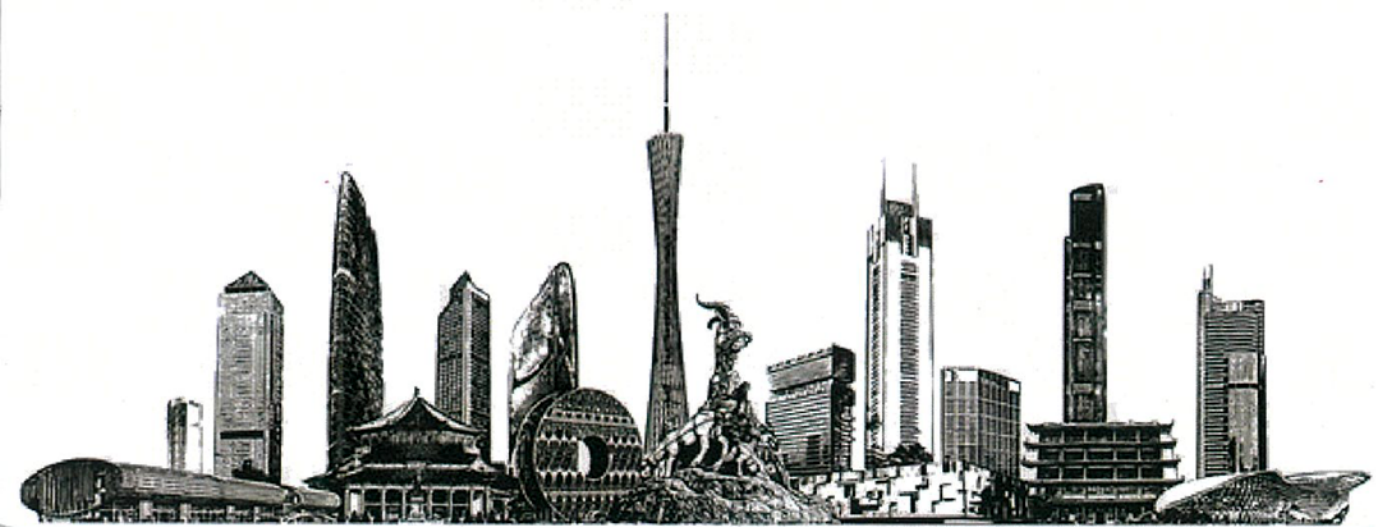
Chair, Local Organizing Committee

Yamanashi University School of Medicine

Professor Liangxue Lai

Chair, Local Organizing Committee

Guangzhou Institutes of Biomedicine and
Health, Chinese Academy of Sciences





Program

NOV 08		
15:00 – 18:00		Registration
NOV 09		
08:55 – 9:00	Ziyuan Duan	Welcome Speech
09:00 – 09:10	Jianglin Fan	Opening Remarks
Session (I)		Chairman: Eugene Chen
09:10 – 09:40	Jianglin Fan	Genetically modified rabbits: current status and future perspectives
09:40 – 10:10	Agustin Blasco	Correlated response to selection for intramuscular fat in rabbit metagenome
10:10 – 10:40	Miguel Esteban	Rabbit and stem cells
10:40 – 11:00		Group photo & Coffee Break
Session (II)		Chairman: Jianglin Fan
11:00 – 11:30	Marielle Afanassieff	Reprogramming of rabbit pluripotent stem cells toward the naïve state.
11:30 – 12:00	Zhanjun Li	The optimization of CRISPR-base gene editing system and Its Application in Humanized Rabbit Model
12:00 – 12:15	Kazutoshi Nishijima	Improvement of embryo use efficiency in generation of gene-modified rabbit
12:15 – 14:00		Lunch
Session (III)		Chairman: Agustin Blasco
14:00 – 14:30	Liangxue Lai	Mutation of hair relevant genes on rabbits
14:30 – 15:00	Anne Navarrete Santos	Maternal metabolism and mammalian embryonic development: What can we learn from the rabbit?
15:00 – 15:30	Jifeng Zhang	IDOL and atherosclerosis in rabbit model.
15:30 – 15:50		Coffee Break
Session (IV)		Chairman: Marielle Afanassieff
15:50 – 16:20	László Hiripi	Knockout rabbit model to better understand the biological function of a NADPH oxidase
16:20 – 16:50	Xiaochun Tang	Lp-PLA2 and atherosclerosis in rabbit
16:50 – 17:20	Ruhai Dou	The large-scale and industrial development of Rabbits in China
17:20 – 18:00		Dinner





NOV 10		
Session (V)		Chairman: Anne Navarrete-Santos
09:00 – 09:30	Eugene Chen	Transgenic Rabbit Models for Cardiovascular Research and Drug Development
09:30 – 10:00	Sen Yan	Neurodegenerative diseases in large animal model
10:00 – 10:20		Coffee Break
Session (VI)		Chairman: László Hiripi
10: 20 – 10:50	Dongshan Yang	Improve the efficiency and accuracy of CRISPR/CAS9 mediated rabbit genome editing
10: 50 – 11: 20	Nan Li	CRISPR/Cas9-mediated gene correction in newborn rabbits with hereditary tyrosinemia type I
11: 20 – 11: 35	Jianglin Fan	Bursary Awards
11: 35 – 11: 45	Jianglin Fan	Closing Remarks

