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| **Meeting Schedule Oct.20th, 2023**  **Yangling, Shaanxi** | | | |
| **Opening Ceremony**  Host: Prof. Jinlian Hua | | | |
| **Time** | **Topic** | **Speaker** | **Affiliation** |
| 08:20~08:25 | Attendance | Prof. Jinlian Hua | Northwest A&F University |
| 08:25~08:30 | Address | Prof./Vice President.  Jun Luo | Northwest A&F University |
| 08:30~08:35 | Address | Prof./Dean of College of Veterinary Medicine, Zengqi Yang | Northwest A&F University |
| 08:35~08:40 | Address | Prof./CEO Xianjun Zhao | Baioupai Tianjin Biotechnology Ltd. |
| 08:40~08:50 | Photo and Coffee Break | | |
| Stem Cell Research  Host: Prof. Bingyun Wang, Prof. Yihua Zhang | | | |
| 08:50~09:30 | The Promise and Challenge of PSC-NK Cell Therapy | Prof. Shijiang Lu | Hebecell Corporationc，USA |
| 09:30~10:00 | The mechanism of canine UC-MSC promoting the repair of joint injury | Prof. Bingyun Wang | Foshan University of Science and Technology |
| 10:00~10:30 | Modern gene modification techniques in canine stem cells | Prof./ General Engineering  Yihua Zhang | Northwest A&F University, Baioupai Tianjin Biotechnology Ltd. |
| 10:30~11:00 | Quality Control of Mesenchymal Stem Cells for Clinical Application | De Cheng, Ph.D.CEO & CTO | InsightGene Biotechnology Co., Ltd |
| 11:00~11:30 | Rapid recovery of male cats with postrenal acute kidney injury by treating with allogeneic adipose mesenchymal stem cell-derived extracellular vesicles | Prof. Shiqiang Zhang | Northwest A&F University |
| 11:30~12:00 | The clinical application of canine natural killer cells | Prof. Qiang Wei | Northwest A&F University |
| 12:00~14:00 | Lunch Break | | |
| Pet Stem Cell Research  Host：Prof. Qianyong Yang， Prof. Qiang Wei | | | |
| 14:00~14:30 | Establishment of companion animal somatic cell cloning and regenerative medicine technology systems | Dr./ Chief Scientist/  co-founder  Hongbo Liu | Henan Siowio Technology Co., Ltd |
| 14:30~15:00 | The Use of Stem cell Derived Exosomes for Treatment of skin and Corneal Wounds and Ulcers | Prof. Ahmed Nour Eldine AbdAllah | National Research Centre, Egypt |
| 15:00~15:30 | The background, classification, diagnosis and treatment of Canine and Feline genetic diseases | Prof. Qianyong Yang | 1, The Ministry of Public Security Police Dog Base in Nanchang 2, College of Medicine, Jiujiang University |
| 15:30~15:50 | Conservation and application of cellular resources of Sichuan snub nosed monkeys (Rhinopithecus roxellana) in the Qinling Mountains, China | Xingrong Yan | Northwest University |
| 15:50~16:00 | Coffee Break | | |
| 16:00~16:30 | Pawsitive Potential: Exploring Stem Cell Therapy for Pets | Prof./DVM, Ph.D. Ahmed Hamed Arisha | Department of physiology  Faculty of Veterinary Medicine Zagazig University  Zagazig, Egypt |
| 16:30~16:50 | [Study of the Differentiation of Insulin Secretion Cells Induced by Bone Marrow-derived Stem Cells](http://dict.cn/Progress%20in%20Study%20of%20the%20Differentiation%20of%20Insulin%20Secretion%20Cells%20Induced%20by%20Bone%20Marrow-derived%20Stem%20Cells) | Dr. Jinglu Wang | Shanxi Agriculture University |
| 16:50~17:10 | Reprogramming adipose mesenchymal stem cells into islet β-cells for the treatment of canine diabetes mellitus. | Dr. Pengxiu Dai | Northwest A&F University |
| 17:10~17:50 | Mesenchymal Stem/Stromal cells as novel anti-infectives | Prof. Cristina Esteves | Roslin Institute, The University of Edinburgh, UK |

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| **Meeting Schedule Oct.21st,2023**  **Yangling, Shaanxi** | | | |
| Pet Stem Cell Research  Host: Prof. /Dr. Fengjun Liu , Prof. Shiqiang Zhang | | | |
| **Time** | **Topic** | **Speaker** | **Affiliation** |
| 08:30~09:00 | Clinical Research Progress of Stem Cells | Prof. Wenwen Jia | Tongji University |
| 09:00~09:20 | Basic and clinical study of peripheral blood mononuclear cell transplantation for the treatment of ischemic and hypoxic encephalopathy | Prof./Dr Yuxiao Liu | Institute of Neurosurgery, Department of Neurosurgery, First Medical Center, General Hospital of the People's Liberation Army, China |
| 09:20~09:40 | Isolation and culture of canine and feline mesenchymal stem cells and development of therapeutic preparations | Dr. Chunna Bai | General Manager Assistant and Cell Business Unit Manager at Baioupai (Tianjin) Biotechnology Ltd. |
| 09:40~09:50 | Coffee Break | | |
| 09:50~10:10 | Current actuality and cases sharing of pet stem cell-based therapy in China | Dr. Fengjun Liu | Qinghai University |
| 10:10~10:30 | Telomere dysfunction in Tert knockout mice delays BrafV600E-induced melanoma development | Dr Jinglong Zhang | Washiontown Univereity, USA |
| 10:30~10:50 | Effect of Bone Marrow Mesenchymal Stem Cells and their Secretory Factors on Canine Model with Avascular necrosis of the Femoral Head | Dr./ General Manager Dengru Wang | Yunnan Yanling Biotechnology Co., Ltd. |
| 10:50~11:10 | Clinical efficacy study of stem cells in dogs and cats | Prof. Changrong Lv | Northwest A&F University |
| 11:10~11:30 | Clinical efficacy study of mesenchymal stem cells in dogs and cats | Prof. Xiuguo Ge | Baioupai Tianjin Biotechnology Ltd. |
| 11:30~12:00 | Fiber reinforced GelMA hydrogel to induce the regeneration of corneal stroma | Dr. Shengli Mi | Tsinghua University |
| 12:20~14:00 | Lunch Break | | |
| Pet Stem Cell Research Youth Forum – Icebreakers  Host: Dr. Shengli Mi，Dr/Prof Shaohui Pan | | | |
| 14:00~14:20 | Astrocytes are reprogrammed into oligodendrocytes to repair optic nerve damage | Dr/Prof. Shaohui Pan | Wenzhou Medical University |
| 14:20~14:40 | Application of recombinant type17 collagen in pet dermatology | Dr. Shuxian Hu | Jiangsu Trautec Medical Technology Southeast University |
| 14:40~15:00 | Human iPSC-derived kidney organoids as model for kidney endocrine function regeneration | Dr. Zhaoyu Du | Transplantation Institute, Department of Internal Medicine, Erasmus University Medical Center, Netherlands |
| 15:00~15:20 | GPX3 Delivered via ADMSCs Ameliorated acetaminophen induce canine liver injury via Inhibition of PI3K/AKT/JNK signaling pathway | Dr. Aili Aierken | Xinjiang Medical University |
| 15:20~15:40 | Clinical research progress of human induced pluripotent stem cells(iPSC) for eye diseases | Dr. Wei Li | BRL medicine Inc. |
| 15:40~16:00 | Mechanistic studies on the role of GDF11 in stem cell senescence and aging-related diseases | Dr. Balun Li | Northwest A&F University |
| 16:00~16:10 | **Coffee Break** | | |
| 16:10~16:30 | Vascularized human induced pluripotent stem cells derived beige adipose organoids development and crosstalk | Dr. Xi Yao | Institute of Pharmacology and Toxicology, University of Bonn |
| 16:30~16:50 | NMNAT1 promotes the anti-aging effect of MSCs | Miao Han | Northwest A&F University |
| 16:50~17:10 | Clinical efficacy of SPARC-modified adipose mesenchymal stem cells in canine dry eye disease | Chenchen Li | Northwest A&F University |
| 17:10~17:30 | Adipose mesenchymal stem cells and their derived exosomes repair renal injury in canine | Chenlei Wang | Northwest A&F University |
| 17:30~17:50 | Closing Remark | CEO, Prof. Xianjun Zhao | Baioupai Tianjin Biotechnology Ltd. |