

# 2020 International Conference on Stem Cell and Gene Therapy

2020 年臺灣幹細胞學會第十六屆年會暨細胞及基因治療國際學術研討會議程

**2020 / 10 / 30 (Fri)**

| <b>Time</b>   | <b>Session</b>  | <b>Speaker</b>                  |
|---|---|---------------------------------|
| <b>8:20-9:00</b>  | <b>Registration(報到) / Poster set-up(壁報張貼)</b>   |                                 |
| <b>9:00-9:10</b>  | <b>Opening Remarks(開幕致詞)</b><br>Executive Vice President, NYMU: Muh-Hwa Yang (楊慕華)<br>TSSCR President: Chia-Ning SHEN (沈家寧)<br>ISCT Asia Region Vice-President: Oscar Kuang-Sheng LEE (李光申) |                                 |
| <b>Session I Keynote Presentation</b><br>Moderators : Oscar Kuang-Sheng LEE (李光申) / Muh-Hwa Yang (楊慕華)                  |   |                                 |
| <b>9:10-10:00</b>   | <b>ISCT Keynote I (Webminar)</b><br>Next Generation Cell Therapy Using Cord Blood   | Satoshi<br>TAKAHASHI<br>(Japan) |
| <b>10:00-10:50</b>  | <b>TSSCR Keynote I</b><br>Communication of Hair Follicle Stem Cells with the<br>External World  | Sung-Jan LIN<br>(林頌然)           |
| <b>10:50-11:15</b>  | <b>茶點(Coffee break)/壁報論文(Poster session)</b>  |                                 |
| <b>Session II Cell &amp; Gene Therapy – Focus on CAR-T</b><br>Moderators : Chung-Liang CHIEN (錢宗良)/Shih-Hwa CHIOU (邱士華) |   |                                 |
| <b>11:15-11:40</b>  | CAR-T Cell Therapy for B-cell Malignancies  | Yu-Hsiang CHANG<br>(張裕享)        |
| <b>11:40-12:05</b>  | CAR-T from Conception to Clinical<br>Reality: Continuation in a Revolution of Cancer<br>Immunotherapeutics  | Chien-Tsun KUAN<br>(官建村)        |
| <b>12:05-12:30</b>  | The Development Story of UWC19<br>(Welgenaleucel) for Treating B Cell Malignancies:<br>From Bench to Clinical Bed   | Cheng-Yi KUO<br>(郭正宜)           |

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|   |   |                                |
|---|---|--------------------------------|
| 12:30-13:30   | <b>Group Photo(大合照)/Lunch(午餐)/Poster session(壁報論文評分)</b>                                  |                                |
| <b>Session III Keynote Presentation</b><br>Moderator : John YU (游正博)  |   |                                |
| 13:30-14:20   | <b>ISCT Keynote II (Webminar)</b><br>Regenerative Medicine for Cartilage Defects          | Byung Hyune<br>CHOI<br>(Korea) |
| <b>Session IV Tackle Diseases by Stem Cells - I</b><br>Moderators : Hong-Nerng HO (何弘能) / Shing-Mou LEE (李幸懋)         |   |                                |
| 14:20-14:50   | Taiwan's Regenerative Research of Cartilage Defect Treatment: from Chondrocytes to MSC    | Chih-Hung CHANG<br>(張至宏)       |
| 14:50-15:15   | The Challenge for the Application of Cellular Therapy: from the Viewpoint of Pharmacology | Thai-Yen LING<br>(林泰元)         |
| 15:15-15:45   | <b>Coffee break(茶點)/ Poster session(壁報論文)</b>   |                                |
| <b>Session V Tackle Diseases with Stem Cells-II</b><br>Moderators : Lynn Ling-Huei HUANG (黃玲惠) / You-Tzung CHEN (陳佑宗) |   |                                |
| 15:45-16:15   | Heterogeneity of the Progenitor Cells Derived from Glandular Organs                       | Tsung-Lin YANG<br>(楊宗霖)        |
| 16:15-16:40   | Epithelial Stem Cells in Hair Loss Diseases   | Chao-Chun YANG<br>(楊朝鈞)        |
| 16:40-17:05   | Using Human Pluripotent Stem Cells to Study Cardiac Cell Development and Heart Disease    | Su-Yi TSAI<br>(蔡素宜)            |
| 18:00-20:00   | <b>Gala Dinner (典華雅聚)</b>   |                                |

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**2020 / 10 / 31 (Sat)**

| <b>Time</b>   | <b>Session</b>  | <b>Speaker</b>            |
|---|---|---------------------------|
| <b>8:20-9:00</b>  | <b>Registration(報到)</b>   |                           |
| <b>Session VI Keynote Presentation</b><br>Moderators : Yen-Hua Huang (黃彥華)  |   |                           |
| <b>9:00-9:50</b>  | <b>TSSCR Keynote II</b><br>From Tu's Method to Tu's Therapy in<br>Spinal Cord Injury<br>脊髓損傷的治療:從杜氏刀法到杜氏療法  | Yuan-Kun TU<br>(杜元坤)      |
| <b>9:50-10:40</b>   | <b>TSSCR Keynote III</b><br>Functional Role of Non-colinear RNAs in<br>Pluripotency Maintenance, Reprogramming and<br>Early Embryonic Lineage Specification | Hung-Chih KUO<br>(郭紘志)    |
| <b>10:40-10:55</b>  | <b>Coffee break(茶點)/ Poster session(壁報論文)</b>   |                           |
| <b>Session VII 細胞治療規範(Regulations in Cell Therapy) (IRB學分)</b><br>Moderators : Shiaw-Min HWANG (黃效民) / Chia-Ning SHEN (沈家寧) |   |                           |
| <b>10:55-11:25</b>  | Ethics Consideration in Cell and Gene Therapy   | Fu-Chang TSAI<br>(蔡甫昌)    |
| <b>11:25-11:55</b>  | 簡介細胞治療法規  | Yueh-Ping LIU<br>(劉越萍)    |
| <b>11:55-12:25</b>  | 細胞治療製造管制之法規審查原則   | Fong-Chun HUANG<br>(黃豐淳)  |
| <b>12:25-13:40</b>  | <b>Lunch(午餐)/Poster session(壁報論文評分)</b><br><b>TSSCR 2020 General Assembly (會員大會)</b>  |                           |
| <b>Session VIII Stem Cells in Diseases - I</b><br>Moderators : Shau-Ping LIN(林劭品) / Chia-Ching WU(吳佳慶)                      |   |                           |
| <b>13:40-14:10</b>  | Human Placental MSC-secreted IL-1 Enhances<br>Neutrophil Bactericidal Functions during<br>Hypervirulent <i>Klebsiella</i> Infection                         | Betty Lin-Ju Yen<br>(顏伶汝) |

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|---|---|--------------------------|
| <b>14:10-14:35</b>  | Investigation of Neural Stem Cell Behaviors during Brain Development                                  | Jin-Wu TSAI<br>(蔡金吾)     |
| <b>14:35-15:05</b>  | 茶點(Coffee break)/壁報論文(Poster session)   |                          |
| <b>Session IX Stem Cells in Diseases - II</b><br>Moderators : Ing-Ming CHIU (邱英明)/ Joyce Jean LU (呂仁) |   |                          |
| <b>15:05-15:30</b>  | Using Human Induced Pluripotent Stem Cells for Modeling Lysosomal Storage Diseases                    | Hsiang-Po HUANG<br>(黃祥博) |
| <b>15:30-15:55</b>  | Stem Cell-based Therapies for Sensorineural Hearing Loss  | Yi-Chao HSU<br>(許益超)     |
| <b>16:00-16:30</b>  | Moderators : Wen-Wei CHANG (張文瑋) / Edward CHERN(陳彥榮)  |                          |
|   | Short talks: Poster Award Presentation  |                          |
| <b>16:30-16:40</b>  | 2020 TSSCR Poster Award   |                          |
| <b>16:40-16:50</b>  | <b>Closing Remarks</b>  |                          |
|   | TSSCR President: Chia-Ning SHEN (沈家寧)<br>ISCT Asia Region Vice-President: Oscar Kuang-Sheng LEE (李光申) |                          |
| <b>16:50</b>  | <b>So long !! See you next year!!</b>   |                          |