



# DUBAI STEM CELL CONGRESS

*3rd Edition 2025*

## DSCC 2025 AGENDA

25<sup>TH</sup> - 26<sup>TH</sup> FEBRUARY, 2025  
THE RITZ-CARLTON, DIFC DUBAI – UAE





ACCREDITED BY:

هيئة الصحة بدبي  
DUBAI HEALTH AUTHORITY



## BRIDGING THE FUTURE

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THE HOPE THAT BRINGS LIFE



CONNECTING HOPE



## DR. FATMA ALHASHIMI

Chairperson, Dubai Stem Cell Congress

Dear Attendees,

It gives us great pleasure to have you join us at **Dubai Stem Cell Congress – 3rd Edition** which will take place from **25th–26th February 2025**, at **The Ritz-Carlton, DIFC, Dubai UAE** to exchange thoughts and expertise in the fields of Stem Cell and Regenerative Medicine, advancing stem cell therapies in the region.

“Connecting Hope” continues to serve as our main innovative platform along with our new theme, “Bridging the Future”. This theme aims to create bridges to the latest technologies and innovations by connecting and inviting top scientists and researchers to Dubai-UAE. We’ve also curated a diverse program highlighting the latest advancements in technologies and treatments, striving to enhance the impact of stem cell research on the future of healthcare.

Discover limitless opportunities with us at the Dubai Stem Cell Congress – 3rd Edition as we unite as a global community that has an impact on healthcare across the globe. Science knows no boundaries, and neither does hope.

We look forward to welcoming you all at Dubai Stem Cell Congress.



# DSCC 2025 AGENDA

DAY 1

25<sup>TH</sup> FEBRUARY 2025

07:30 - 18:40 HRS, UAE TIME

| TIME  | EVENT  |
|---|--|
| 07:30 - 08:50                                     | REGISTRATION & COFFEE  |
| SESSION 1: IMMUNE EFFECTOR CELL THERAPY           |  |
| 08:50 - 09:00                                     | INTRODUCTORY REMARKS BY MODERATORS   |
| 09:00 - 09:30                                     | Prof. Dimitrios Mouggiakakos, Switzerland:<br>KEYNOTE LECTURE: FROM CANCER TO AUTOIMMUNITY   |
| 09:30 - 09:55                                     | Prof. Jennifer Zhang, USA:<br>TARGETING REGULATORY T-CELLS TO BOOST IMMUNITY AGAINST CANCER  |
| 09:55 - 10:20                                     | Dr. Peter Dröge, Singapore:<br>GENETICALLY ENGINEERED IPSC-DERIVED ALLOGENIC IMMUNE CELLS FOR CANCER IMMUNOTHERAPY                                 |
| 10:20 - 10:45                                     | Dr. Ulf Grawunder, Germany:<br>THE PROMISES AND CHALLENGES OF CURRENT AND FUTURE CAR-T THERAPIES   |
| 10:45 - 11:00                                     | COFFEE BREAK   |
| 11:00 - 12:00                                     | OPENING CEREMONY FOR DUBAI STEM CELL CONGRESS & REWARDS  |
| 12:00 - 12:25                                     | Prof. Yi Zhang, China:<br>CLINICAL PRACTICE OF CELLULAR THERAPY FOR CANCER   |
| 12:25 - 12:50                                     | Prof. Jeffrey Miller, USA:<br>DEVELOPING NK CELL THERAPEUTICS TO TREAT AUTOIMMUNE DISEASE  |
| 12:50 - 13:50                                     | LUNCH BREAK  |
| SESSION 2: INDUCED PLURIPOTENT STEM CELLS (iPSCs) |  |
| 13:50 - 14:00                                     | INTRODUCTORY REMARKS BY MODERATORS   |
| 14:00 - 14:40                                     | Dr. Shinsuke Yoshida, Japan:<br>KEYNOTE LECTURE: CLINICAL-GRADE HLA HAPLOBANK hiPSCs   |
| 14:40 - 15:05                                     | Dr. Essam Abdelalim, Qatar:<br>RFX3 IS ESSENTIAL FOR THE DEVELOPMENT AND MATURATION OF HUMAN PANCREATIC ISLETS DERIVED FROM PLURIPOTENT STEM CELLS |
| 15:05 - 15:30                                     | Dr. Sarkawt Hamad, Germany:<br>SELF-ORGANIZING CARDIAC ORGANOIDs WITH MATURE LIKE CARDIOMYOCYTES & ENDOTHELIAL CELLS                               |
| 15:30 - 15:55                                     | Prof. Jun Wu, USA:<br>ENGINEERING EMBRYO-LIKE STRUCTURES WITH STEM CELLS   |
| 15:55 - 16:40                                     | INTERACTIVE NETWORKING SESSION:<br>Coffee Break, Networking Session, Poster Viewing  |
| 16:40 - 17:05                                     | Prof. Koichi Nakayama, Japan:<br>SCAFFOLD FREE BIO-3D PRINTING FOR SOLID ORGAN FABRICATION   |

# DSCC 2025 AGENDA

|               |   |
|---------------|---|
| 17:05 - 17:30 | Prof. Peterson Quinn, USA:<br><b>DESIGNER ISLET ORGANOIDS FOR THE TREATMENT OF TYPE 1 DIABETES</b>  |
| 17:30 - 18:15 | Panel Discussion, Q&A Session:<br>INDUCED PLURIPOTENT STEM CELLS: HOW CLOSE ARE WE TO CLINICAL APPLICATION?<br>Moderators: Prof. Kurt Pfannkuche, Germany & Dr. Essam Abdelalim, Qatar<br>Panellists: Dr. Shinsuke Yoshida, Prof. Peter Droge, Prof. Jun Wu, Prof. Koichi Nakayama and Prof. Peterson Quinn |
| 18:15         | <b>CLOSING REMARKS</b>  |

## DAY 1 | WORKSHOPS | 25<sup>TH</sup> FEBRUARY 2025 | 14:30 - 18:15 HRS, UAE TIME

|               |  |
|---------------|--|
| 14:30 - 15:20 | Workshop by Dr. Didier Nouzies:<br><b>BREAKTHROUGH IN NEONATAL STEM CELL BIOBANKING:<br/>CORDSAVINGS - A STEM CELL-BASED HEALTHTECH GAME CHANGER</b> |
| 16:15 - 17:15 | Workshop by Mrs. Kim Petrella:<br><b>PROMOTING THE FUTURE OF STEM CELL COLLECTIONS</b>   |
| 17:15 - 18:15 | Workshop by Dr. Felician Stancioiu:<br><b>CORD BLOOD AND PERINATAL TISSUES IN CLINICAL RESEARCH</b>  |

## DAY 2 | 26<sup>TH</sup> FEBRUARY 2025 | 08:00 - 18:25 HRS, UAE TIME

| TIME   | EVENT  |
|--|--|
| 08:00 - 08:50  | <b>REGISTRATION</b>  |
| <b>SESSION 3: EXOSOMES (JOINT SESSION BY ISCT)</b>           |  |
| 08:50 - 09:00  | INTRODUCTORY REMARKS BY MODERATORS   |
| 09:00 - 09:25  | Dr. Sai Kiang Lim, Singapore:<br><b>DEVELOPMENT OF MSC-sEV THERAPEUTICS: PROGRESS AND UPDATE</b>   |
| 09:25- 09:55   | Dr. Bernd Giebel, Germany:<br><b>CLINICAL POTENTIAL OF MSC EVs AND TRANSLATIONAL CHALLENGES</b>  |
| 09:55 - 10:20  | Prof Ke Cheng, New York:<br><b>EXTRACELLULAR VESICLES FOR PULMONARY REGENERATION<br/>AND DRUG DELIVERY</b>                                   |
| 10:20 - 10:35  | <b>COFFEE BREAK &amp; POSTER VIEWING</b>   |
| <b>SESSION 4: CLINICAL TRIAL DESIGN/STEM CELL REGULATION</b> |  |
| 10:35 - 11:00  | Prof. Halvard Bönig, Germany:<br><b>(LOST IN) TRANSLATION: THE MOVE FROM THE LABORATORY<br/>TO FIRST-IN-HUMAN</b>                            |
| 11:00 - 11:25  | Prof. John Rasko, Australia:<br><b>ACCELERATING CELLULAR THERAPIES TOWARDS<br/>REGENERATIVE MEDICINE</b>                                     |
| 11:25 - 11:50  | Prof. John Wagner, USA:<br><b>IMPACTFUL DEVELOPMENT OF NOVEL CELLULAR THERAPEUTICS:<br/>STRATEGIES FOR EARLY PHASE CLINICAL TRIAL DESIGN</b> |



# DSCC 2025 AGENDA

DAY 2

26<sup>TH</sup> FEBRUARY 2025

08:00 - 18:25 HRS, UAE TIME

| TIME   | EVENT   |
|--|---|
| 11:50 - 12:00  | SHORT BREAK   |
| 12:00 - 12:30  | Prof. Klaus Cichutek, Germany:<br>KEYNOTE LECTURE: DEVELOPMENT AND REGULATION OF GENE AND CELL THERAPY MEDICINES IN THE EUROPEAN UNION  |
| 12:30 - 12:55  | Dr. Laura Barrachina Porcar, Spain:<br>STEM CELL TECHNOLOGY IN VETERINARY MEDICINE: HOW ANIMALS CAN HELP PEOPLE   |
| 12:55 - 13:20  | Dr. Khulood Mohamed Alsayegh, UAE:<br>A REGULATORY PRESPECTIVE OF STEM CELL SERVICES IN THE UAE   |
| 13:20 - 14:20  | LUNCH BREAK   |
| SESSION 5: CORD BLOOD/TISSUE: BUILDING PATHWAYS TO PROMISING IDEAS AND THERAPIES TO CONNECT HOPE WITH THE FUTURE |   |
| 14:20 - 14:30  | INTRODUCTORY REMARKS BY MODERATORS  |
| 14:30 - 14:55  | Mrs. Kim Petrella, USA:<br>CORD BLOOD AWARENESS CHALLENGES AROUND THE WORLD   |
| 14:55 - 15:20  | Dr. Felician Stancioiu, Romania:<br>AUTOLOGOUS CORD BLOOD IN AUTISTIC SPECTRUM DISORDER: RESULTS OF THE CORDUS CLINICAL STUDY   |
| 15:20 - 15:45  | Dr. Didier NOUZIES, Switzerland:<br>CORDSAVINGS' INTERNATIONAL INITIATIVES TO ENSURE GENETIC COMPATIBILITY OF STEM CELL-BASED THERAPIES AND BOOST 'BIO+DATA' DRUG RESEARCH  |
| 15:45 - 16:30  | Panel Discussion, Q&A Session:<br>IMPORTANCE OF STEM CELL: CHALLENGES AROUND THE WORLD<br>Moderators: Mrs. Kim Petrella, Dr. Dzihan Abazovic<br>Panellists: Mrs. Khadija Sulaiman Al Sulaimi, Dr. Khulood Mohamed Alsayegh, Dr. Didier Nouzies and Dr. Felician Stancioiu |
| 16:30 - 17:15  | Interactive Networking Session   Coffee Break & Poster Viewing  |
| 17:15 - 17:35  | Selected Abstract - Oral Presentation   |
| 17:35 - 17:55  | Recognizing exceptional poster presenters   |
| 17:55 - 18:45  | Award Ceremony & closing remarks (Dr. Fatma Al Hashimi)   |

DAY 2

WORKSHOPS

26<sup>TH</sup> FEBRUARY 2025

14:30 - 16:00 HRS, UAE TIME

|               |  |
|---------------|--|
| 14:30 - 16:00 | PARALLEL HALL - Workshop on Human Pluripotent Stem Cells for Personalized Medicine<br>SPEAKERS: Prof. Kurt Pfannkuche - Germany, Dr. Sarkawt Hamad - Germany, Ms. Ebru Aksoy - Germany |
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