ADVANCING IMMUNO-GENE THERAPY ACROSS DISEASES

INTERNATIONAL CONFERENCE ON LYMPHOCYTE ENGINEERING

31 MARCH - 2 APRIL 2022 MUNICH, GERMANY

PROGRAM

#ICLE22







PROGRAM TIMETABLE

Thursday, 31 March 2022

| 15:00 – 15:10 | Welcome Address |
|---------------|---|
| 15:10 – 17:00 | Session 1: Engineered T Cell Therapies in Hematological Malignancies |
| 17:00 – 17:30 | Coffee Break, Exhibition, Poster & E-Poster Presentations, 1:1 Meetings |
| 17:30 – 19:30 | Session 2: Engineered T Cell Therapy for Solid Tumors |
| 19:30 – 21:00 | Welcome Cocktail & Poster Viewing |

Friday, 1 April 2022

| 08:00 - 09:20 | Session 3: CAR/TCR Targets and Design |
|---------------|---|
| 09:20 - 10:20 | Session 4: CAR/TCR Design from Industry Perspective |
| 10:20 - 11:00 | Coffee Break, Exhibition, Industry & Poster Presentations, 1:1 Meetings |
| 11:00 - 12:20 | Session 5: Different Lymphocyte Lineages as a Source for Engineering |
| 12:20 - 13:20 | Industry Symposium: Current Status of CAR T Cell Therapy |
| 13:20 - 14:30 | Lunch Break, Exhibition, Industry & Poster Presentations, 1:1 Meetings |
| 14:30 – 16:10 | Session 6: New Approaches in Lymphocyte Engineering I |
| 16:10 – 16:50 | Coffee Break, Exhibition, Poster & E-Poster Presentations, 1:1 Meetings |
| 16:50 – 18:05 | Session 7: Universal Donor Cells |
| 18:05 - 19:30 | Session 8: Rare, Autoimmune and Infectious Diseases as Cell Therapy Targets |

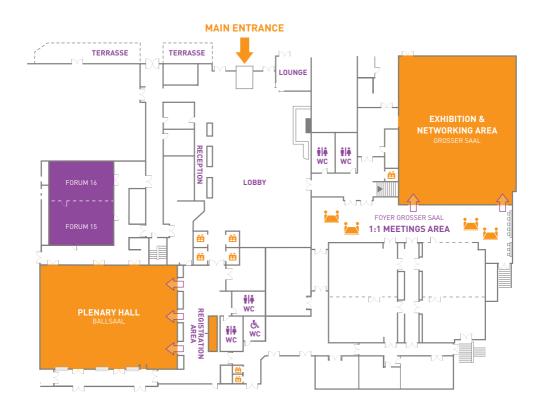
Saturday, 2 April 2022

| 08:00 - 09:25 | Session 9: Non-Viral Vectors and Transposons |
|---------------|--|
| 09:25 - 10:25 | Session 10: Selected Abstracts for Oral Presentation |
| 10:25 – 11:00 | Coffee Break, Exhibition, Poster & E-Poster Presentations, 1:1 Meetings |
| 11:00 – 12:50 | Session 11: New Approaches in Lymphocyte Engineering II |
| 12:50 – 13:20 | Session 12 & Closure: Panel Discussion: What's Next In Lymphocyte Engineering? |

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VENUE MAP



WELCOME

Dear Colleagues and Friends,

It is with great pleasure to welcome you to the **3rd International Conference on Lymphocyte Engineering, 31 March – 2 April 2022, in Munich!**

After two very challenging years due to the still ongoing SARS-CoV-2 pandemic, we are excited to gather once again as a community and to meet each other in-person. We appreciate your physical presence here today, and we do not take it for granted. We are still learning to live in a world full of insecurity and uncertainty. The recently begun war in Ukraine is another event that has shaken our souls and deeply saddened our hearts. As people devoted to science and medicine our mission is to save and contribute to the improvement of human health and quality of life. And that is the main reason we are gathering once again, despite all the challenges surrounding us.

Today, we stand stronger, braver, and more determined to get the maximum benefits from the opportunity to network, socialize, and share knowledge and expertise with one another in a physical event with face-to-face interaction.

We have prepared outstanding scientific content thanks to our top-notch experts and scientific pioneers who are eager to share their latest findings and breakthroughs in Lymphocyte Engineering, a field that fascinates by its potential to provide novel treatment options for many of today's incurable diseases and that is already changing the face of modern medicine. Let's dive into the world of lymphocyte engineering and advance the science together!

We encourage you to seize the opportunity to explore, be active and get involved with everything the conference has to offer. Welcome to our community and make the most of the ICLE experience!

Sincerely, ICLE Conference Co-Chairs



Adi Barzel, PhD

President, the Israeli
Society for Gene and
Cell Therapy (ISGCT);
Senior Lecturer, TelAviv University



Dirk Busch, MD

Director at the Institute for Med. Microbiology, Immunology and Hygiene; Technical University of Munich, Germany

GENERAL INFORMATION

HOTEL VENUE

HOLIDAY INN MUNICH - CITY CENTRE

Hochstrasse 3, Munich, 81669, Germany T: 0049-89-48030

REGISTRATION DESK HOURS

Thursday, 31 March 13:00 – 21:00 Friday, 1 April 07:30 – 20:00 Saturday, 2 April 07:30 – 14:00

EXHIBITION OPENING TIMES

Thursday, 31 March 16:45 – 21:00 Friday, 1 April 10:00 – 17:00 Saturday, 2 April 10:00 – 11:15

PARTICIPANTS BADGE

Upon registration, you will receive your name badge. You are kindly requested to wear your badge during all sessions and events.

WI FI

Free WIFI will be available at the Conference. Please be aware that public WIFI capacity is always limited and therefore limited to email and web browsing activity.

Network: ICLE2022 / Password: icle2022

REFRESHMENTS AND LUNCH

Refreshments and lunch will be served in the Exhibition & Networking Area (Grosser Ballsaal) at the times indicated on the timetable.

CERTIFICATE OF ATTENDANCE

All conference delegates will receive certificate of attendance via email right after the event. The conference is not CME/CPD accredited.

ACCEPTED ABSTRACTS

All accepted abstracts are published in the **Human Gene Therapy** online journal. A link to the journal is also published on the conference website (www.lymphocyte.kenes.com).

GUEST ATTENDANCE POLICY

All event activities (including meal functions, exhibition, etc.) are exclusively reserved for registered attendees. Non-registered guests (including children, family members, colleagues, etc.) are not allowed in any of the event areas. Badges provided at registration are required for entrance into all functions and will be strictly enforced.

PHOTOGRAPHY AND RECORDING PRIVILEGES

No photographs, video recording or audio recording is permitted in the scientific sessions.

MOBILE PHONES

Mobile phones must be muted during all sessions.

LIABILITY AND INSURANCE

The Conference Secretariat and Organizers cannot accept liability for personal accidents or loss of or damage to private property of participants. Participants are advised not to leave their personal belongings unattended in session halls and throughout the Venue hotel.

HEALTH AND SAFETY

All necessary safety measures are taken during the Conference. Participants are advised to maintain proper social distancing and disinfect regularly. Wearing masks is required in all conference areas.

CONFERENCE SECRETARIAT



www.lymphocyte.kenes.com
Rue François- Versonnex 7

KENES
1207 Geneva, Switzerland.
www.kenes.com

ICLE MOBILE APP

Get the most of ICLE 2022 and install the Conference Mobile App on your smartphone and portable devices.



DOWNLOAD THE APP TO

- See full conference program
- Submit questions to the speakers in real time during the session discussions
- Find attendees, faculty members and exhibitors and set 1:1 meetings
- Get social with the ICLE private social network and share your ideas with the other conference participants

Download The Event App by Events Air.

- Scan the QR code or Tap the icons to download the app on your device.
- Enter the event code "icle2022".
- To log in type the email you used to register for the event and use the password: icle2022













EXPLORE THE FEATURES

- Check the Conference Program for last minute updates. Take notes during the sessions on your device and extract them to your email in one click.
- Check the Speakers and Exhibitors
- Schedule personal meetings with the other conference participants

SELECT 1:1 MEETINGS, LOG IN AND

- Access your Personal Meeting Agenda;
- Request / Accept or Decline meeting invitations at the designated time slots available during the coffee and lunch breaks.

All 1:1 meetings will take place in the Exhibition & Networking Area

- At the Designated 1:1 Meeting zone for meetings between delegates.
- At the exhibitor booths for meetings with exhibitors.

Don't miss out to share with the other participants your thoughts, ideas, and inspirations (or selfies) in the ICLE social network.



JOIN THE CONVERSATION ONLINE!

#ICLE22
@ICLE_LYMPHOCYTE





SCIENTIFIC PROGRAM

INTERNATIONAL CONFERENCE ON LYMPHOCYTE ENGINEERING

THURSDAY, 31 MARCH 2022

| | Plenary Hall (Ballsaal) |
|---------------|--|
| | WELCOME ADDRESS |
| 15:00 – 15:10 | Dirk Busch, Technical University of Munich, Germany |
| | Adi Barzel, Tel-Aviv University, Israel |
| 15:10 – 17:00 | SESSION 1: ENGINNERED T CELL THERAPIES IN HEMATOLOGICAL MALIGNANCIES |
| | Chair: Michal Besser, Tel Aviv University, Israel |
| 15:10 – 15:35 | KEYNOTE LECTURE: CAR T CELLS – A ROAD TRIP TO TUMOR ELIMINATION |
| | Stan Riddell, Fred Hutchinson Cancer Research Center, USA |
| 15:35 – 15:50 | MULTIPLE GENOME EDITING IN T CELLS FOR CANCER IMMUNOTHERAPY |
| 10:30 - 10:00 | Chiara Bonini, San Raffaele University, Italy |
| 15:50 – 16:05 | CD19 CAR T CELL THERAPY: REAL-WORLD DATA AND NEW DIRECTIONS |
| 13.30 - 10.03 | Michal Besser, Tel Aviv University, Israel |
| 16:05 – 16:20 | T-CHARGETM – A NEXT GEN CAR-T PLATFORM TO PRESERVE T-CELL STEMNESS AND ENHANCE PATIENT ACCESS |
| | Jennifer Brogdon, Novartis Institutes for Biomed. Research, Inc., USA |
| 16:20 – 16:35 | CAR T CELL THERAPIES IN LYMPHOMA: CURRENT STATUS OF IND-APPROVED STUDIES IN CHINA |
| | Yuqin Song, Peking University Cancer Hospital, China |
| 16:35 – 17:00 | Discussion |
| 17:00 – 17:30 | Exhibition & Networking Area (Grosser Saal) |
| | COFFEE BREAK, EXHIBITION, POSTER AND E-POSTER PRESENTATIONS, 1:1 MEETINGS |
| 17:05 – 17:26 | E-POSTER SESSION 1: TARGETED THERAPIES WITH ENGINEERED T CELLS |
| | Chair: Inbal Reuveni, Tel Aviv University, Israel |
| 17:05 – 17:12 | ENGINEERING IMMUNOTHERAPY RESISTANT HEMATOPOIESIS TO TREAT HIGH-RISK ACUTE MYELOID LEUKEMIA |
| | Pietro Genovese, Harvard Medical School, USA |
| 17:12 – 17:19 | VEGF-A COMPETES WITH VEGFR-2-REDIRECTED CAR-T CELLS FOR TARGET BINDING AND IMPEDES FUNCTION |
| | Paris Kosti, UNIL/Ludwig Cancer Institute Lausanne, Switzerland |
| | |
| 17:19 – 17:26 | TACROLIMUS-RESISTANT SARS-COV-2-SPECIFIC T-CELL PRODUCTS TO PREVENT AND TREAT SEVERE COVID-19 IN IMMUNOSUPPRESSED PATIENTS |

| | Plenary Hall (Ballsaal) |
|---------------|--|
| 17:30 – 19:30 | SESSION 2: ENGINEERED T CELL THERAPY FOR SOLID TUMOURS |
| | Chair: Annette Künkele, Charité, Germany |
| 17:30 – 17:45 | ENHANCEMENT OF CAR T CELL FUNCTION WITH A CONSTITUTIVELY ACTIVE IL-7 RECEPTOR |
| | Bilal Omer, Baylor College of Medicine, USA |
| 17:45 – 18:00 | L1CAM-SPECIFIC CAR T CELL THERAPY FOR CHILDHOOD NEUROBLASTOMA |
| | Annette Künkele, Charité, Germany |
| 18.00 – 18.15 | GENETIC ENGINEERING OF REGULATORY AND EFFECTOR T CELLS |
| 10:00 - 10:13 | Hans Stauss, University College London, UK |
| 18:15 – 18:30 | BNT211: A Phase I trial to evaluate safety and efficacy of CLDN6 CAR-T cells and CARVac-mediated in vivo expansion in patients with CLDN6-positive advanced solid tumors |
| | Winfried Alsdorf, University Medical Center Eppendorf, Germany |
| 18:30 – 18:55 | OPTIMIZED TRANSGENIC RECEPTOR AND CELL ENGAGER-INDUCED CELLULAR AVIDITY BETWEEN TUMOR-EFFECTOR CELL PAIRS DRIVES IMMUNOTHERAPY EFFICACY |
| | Yotam Bar-Ephraim, LUMICKS C.A., the Netherlands |
| 18:55 – 19:05 | RASA2 CHECKPOINT ABLATION IN T CELLS BOOSTS ANTIGEN SENSITIVITY AND LONG-TERM FUNCTION |
| | Eric Shifrut, Tel Aviv University and Sourasky Medical Center, Israel |
| 19:05 – 19:30 | Discussion |
| 19:30- 21:00 | Exhibition & Networking Area (Grosser Saal) |
| | WELCOME COCKTAIL & POSTER VIEWING |

FRIDAY, 1 APRIL 2022

| | Plenary Hall (Ballsaal) |
|---------------|---|
| 08:00 - 09:20 | SESSION 3: CAR/TCR TARGETS AND DESIGN |
| | Chair: Cyrille Cohen, Bar-Ilan University, Israel |
| 08:00 - 08:15 | TCR GENE THERAPY TARGETING 'PUBLIC' NEOANTIGENS RESULTING FROM COMMON DRIVER ONCOGENES |
| | Chris Klebanoff, Memorial Sloan Kettering Cancer Center, USA |
| 08:15 – 08:30 | NEOANTIGEN-SPECIFIC T-CELL RECEPTORS AS PERSONALIZED TOOLS IN THE TREATMENT OF CANCER |
| | Angela Krackhard, Rechts der Isar Hospital, Technical University of Munich, Germany |
| 08:30 - 08:45 | PRIMARY STRUCTURE INFLUENCE ON THE EXPRESSION AND FUNCTION OF TCRS, CARS AND CSRS FOR T-CELL IMMUNOTHERAPY |
| | Cyrille Cohen, Bar-Ilan University, Israel |
| 08:45 – 08:55 | AS SMALL AS IT CAN BE: SHORT PEPTIDE-DERIVED TARGET MOLECULES FOR REDIRECTION OF UNICAR T-CELLS AND IMAGING OF SSTR2-EXPRESSING CANCERS |
| | Liliana Loureiro, German Cancer Research Center, Germany |
| 08:55 - 09:20 | Discussion |
| 09:20 - 10:20 | SESSION 4: CAR/TCR DESIGN FROM INDUSTRY PERSPECTIVE |
| | Chair: Adi Barzel, Tel-Aviv University, Israel |
| 09:20 - 09:50 | ADAPTOR UNICAR AND REVCAR PLATFORMS FOR FLEXIBLE, SWITCHABLE AND COMBINATORIAL TUMOR TARGETING |
| | Anja Feldmann, Helmholtz-Center Dresden-Rossendorf, Dresden; Germany |
| 09:50 - 10:20 | T CELL METABOLIC PROFILING – THE NEXT LEVEL |
| | Daniel Gebhard, Agilent Technolgies, Germany |
| 10:20 - 11:00 | Exhibition & Networking Area (Grosser Saal) |
| | COFFEE BREAK, EXHIBITION, POSTER AND E-POSTER PRESENTATIONS, 1:1 MEETINGS |
| 10:25 – 10:40 | SIMPLE DETECTION AND ISOLATION OF CAR CELLS DIRECTLY FROM PATIENT SAMPLES |
| | Jessica Mrugala, Miltenyi Biotec, Germany |
| 10:40 – 10:55 | RISK MITIGATION STRATEGIES FOR CRITICAL RAW MATERIALS IN CELL THERAPY MANUFACTURING |
| | Gonçalo Regalo, Fujifilm Irvine Scientific, Portugal |

| | Plenary Hall (Ballsaal) |
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| 11:00 – 12:20 | SESSION 5: DIFFERENT LYMPHOCYTE LINEAGES AS A SOURCE FOR |
| | ENGINEERING |
| | Chair: John Anderson, University College London, UK |
| 11:00 – 11:15 | ENGINEERING INKT CELLS FOR DUAL TARGETING OF CANCER AND SUPPRESSIVE MYELOID CELLS |
| | Paolo Dellabona, San Raffaele Scientific Institute, Italy |
| 11:15 – 11:30 | THERAPEUTIC POTENTIAL OF INVARIANT NATURAL KILLER T CELLS MODIFIED WITH CD38 OR BCMA CHIMERIC ANTIGEN RECEPTORS FOR MULTIPLE MYELOMA |
| | Tuna Mutis, Amsterdam University Medical Center, Netherlands |
| 11.00 11./5 | GAMMA DELTA CAR-T APPROACHES TO REFINE SPECIFICITY AND SENSITIVITY |
| 11:30 – 11:45 | John Anderson, University College London, UK |
| 11 / | B CELL ENGINEERING FOR THE PREVENTION AND TREATMENT OF DISEASE |
| 11:45 – 11:55 | Julia McKechnie, Fred Hutchinson Cancer Research Center, USA |
| 11:55 – 12:20 | Discussion |
| 12:20 – 13:20 | INDUSTRY SIMPOSIUM: CURRENT STATUS OF CAR T CELL THERAPY |
| 12:20 – 12:25 | WELCOME AND INTRODUCTION |
| 12:20 - 12:25 | Martin Dreyling, Ludwig-Maximilians-University Hospital, Germany |
| 12:25 – 12:48 | CAR T CELL THERAPY FOR THE TREATMENT OF AGGRESSIVE B-NHL |
| | Christian Schmidt, Ludwig-Maximilians-University Hospital, Germany |
| 12:48 – 13:11 | CAR T CELL THERAPY FOR THE TREATMENT OF MULTIPLE MYELOMA |
| | |
| 12:40 - 13:11 | Sophia Danhof, University Hospital Wuerzburg, Germany |
| 13:11 – 13:20 | Sophia Danhof, University Hospital Wuerzburg, Germany Discussion and closing remarks |
| | |
| 13:11 – 13:20 | Discussion and closing remarks |
| 13:11 – 13:20 | Discussion and closing remarks Exhibition & Networking Area (Grosser Saal) |
| 13:11 – 13:20 13:20 – 14:30 | Discussion and closing remarks Exhibition & Networking Area (Grosser Saal) LUNCH BREAK, EXHIBITION, INDUSTRY & POSTER PRESENTATIONS, 1:1 MEETINGS HIGHLY MULTIPLEXED SINGLE-CELL FUNCTIONAL PROFILING OF CAR-T CELLS ENABLES MORE PREDICTIVE PRODUCT CHARACTERIZATION AND PROVIDES A |
| 13:11 – 13:20 13:20 – 14:30 | Discussion and closing remarks Exhibition & Networking Area (Grosser Saal) LUNCH BREAK, EXHIBITION, INDUSTRY & POSTER PRESENTATIONS, 1:1 MEETINGS HIGHLY MULTIPLEXED SINGLE-CELL FUNCTIONAL PROFILING OF CAR-T CELLS ENABLES MORE PREDICTIVE PRODUCT CHARACTERIZATION AND PROVIDES A CRITICAL QUALITY METRIC FOR THE POTENCY OF CELL THERAPY |
| 13:11 – 13:20 13:20 – 14:30 13:40 – 13:55 | Discussion and closing remarks Exhibition & Networking Area (Grosser Saal) LUNCH BREAK, EXHIBITION, INDUSTRY & POSTER PRESENTATIONS, 1:1 MEETINGS HIGHLY MULTIPLEXED SINGLE-CELL FUNCTIONAL PROFILING OF CAR-T CELLS ENABLES MORE PREDICTIVE PRODUCT CHARACTERIZATION AND PROVIDES A CRITICAL QUALITY METRIC FOR THE POTENCY OF CELL THERAPY Mourad Ferhat, Isoplexis, France SIMPLIFYING THE PATH TO RAPID, RELIABLE TRANSLATION OF CELL MANUFACTURING THROUGH PLATFORM, PROCESS, AND PRODUCT CONTINUITY |
| 13:11 – 13:20 13:20 – 14:30 13:40 – 13:55 | Discussion and closing remarks Exhibition & Networking Area (Grosser Saal) LUNCH BREAK, EXHIBITION, INDUSTRY & POSTER PRESENTATIONS, 1:1 MEETINGS HIGHLY MULTIPLEXED SINGLE-CELL FUNCTIONAL PROFILING OF CAR-T CELLS ENABLES MORE PREDICTIVE PRODUCT CHARACTERIZATION AND PROVIDES A CRITICAL QUALITY METRIC FOR THE POTENCY OF CELL THERAPY Mourad Ferhat, Isoplexis, France SIMPLIFYING THE PATH TO RAPID, RELIABLE TRANSLATION OF CELL MANUFACTURING THROUGH PLATFORM, PROCESS, AND PRODUCT CONTINUITY BEGINNING WITH THE G-REX BIOREACTOR |

| | Plenary Hall (Ballsaal) |
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| 14:30 – 16:10 | SESSION 6: NEW APPROACHES IN LYMPHOCYTE ENGINEERING I |
| | Chair: Tobias Feuchtinger, Ludwig-Maximilians-University, Germany |
| 14:30 – 14:55 | KEYNOTE LECTURE: ENHANCING THE FUNCTIONAL PERSISTENCE AND ANTIGEN SENSITIVITY OF CAR T CELLS |
| | Michel Sadelain, Memorial Sloan Kettering Cancer Center, USA |
| 14:55 – 15:10 | ADOPTIVE TRANSFER OF VIRUS-SPECIFIC T CELLS IN THE IMMUNOCOMPROMISED HOST |
| | Tobias Feuchtinger, Ludwig-Maximilians-University, Germany |
| | SIGNALING AND CYTOKINE ENGINEERING OF CAR-T CELLS |
| 15:10 – 15:25 | Gianpietro Dotti, University of North Carolina Lineberger Comprehensive Cancer Center, USA |
| 15:25 – 15:40 | NOVEL MANUFACTURING TECHNOLOGIES THAT ENABLE ADVANCED T CELL ENGINEERING |
| | Mateusz Poltorak, Juno Therapeutics GmbH, a Bristol Myers Squibb Company, Germany |
| 15:40 – 16:10 | Discussion |
| | |
| 16:10 – 16:50 | Exhibition & Networking Area (Grosser Saal) |
| 16:10 – 16:50 | Exhibition & Networking Area (Grosser Saal) COFFEE BREAK, EXHIBITION, POSTER AND E-POSTER PRESENTATIONS, 1:1 MEETINGS |
| 16:10 – 16:50 16:15 – 16:43 | |
| | COFFEE BREAK, EXHIBITION, POSTER AND E-POSTER PRESENTATIONS, 1:1 MEETINGS |
| | COFFEE BREAK, EXHIBITION, POSTER AND E-POSTER PRESENTATIONS, 1:1 MEETINGS E-POSTER SESSION 2: ENGINEERED T CELL THERAPY FOR SOLID TUMORS |
| 16:15 – 16:43 | COFFEE BREAK, EXHIBITION, POSTER AND E-POSTER PRESENTATIONS, 1:1 MEETINGS E-POSTER SESSION 2: ENGINEERED T CELL THERAPY FOR SOLID TUMORS Chair: Tal Akriv, Tel Aviv University, Israel BOOSTING CAR T CELL EFFICACY BY MODULATION OF THE TUMOR |
| 16:15 – 16:43 | COFFEE BREAK, EXHIBITION, POSTER AND E-POSTER PRESENTATIONS, 1:1 MEETINGS E-POSTER SESSION 2: ENGINEERED T CELL THERAPY FOR SOLID TUMORS Chair: Tal Akriv, Tel Aviv University, Israel BOOSTING CAR T CELL EFFICACY BY MODULATION OF THE TUMOR MICROENVIRONMENT IN GLIOBLASTOMA |
| 16:15 – 16:43 16:15 – 16:22 | COFFEE BREAK, EXHIBITION, POSTER AND E-POSTER PRESENTATIONS, 1:1 MEETINGS E-POSTER SESSION 2: ENGINEERED T CELL THERAPY FOR SOLID TUMORS Chair: Tal Akriv, Tel Aviv University, Israel BOOSTING CAR T CELL EFFICACY BY MODULATION OF THE TUMOR MICROENVIRONMENT IN GLIOBLASTOMA Ignacio Mastandrea, Tel Aviv University, Israel UNICAR CAR T CELL THERANOTICS FOR DIAGNOSTIC IMAGING AND THERAPY OF |
| 16:15 – 16:43 16:15 – 16:22 | COFFEE BREAK, EXHIBITION, POSTER AND E-POSTER PRESENTATIONS, 1:1 MEETINGS E-POSTER SESSION 2: ENGINEERED T CELL THERAPY FOR SOLID TUMORS Chair: Tal Akriv, Tel Aviv University, Israel BOOSTING CAR T CELL EFFICACY BY MODULATION OF THE TUMOR MICROENVIRONMENT IN GLIOBLASTOMA Ignacio Mastandrea, Tel Aviv University, Israel UNICAR CAR T CELL THERANOTICS FOR DIAGNOSTIC IMAGING AND THERAPY OF PROSTATE CANCER |
| 16:15 – 16:43 16:15 – 16:22 16:22 – 16:29 | COFFEE BREAK, EXHIBITION, POSTER AND E-POSTER PRESENTATIONS, 1:1 MEETINGS E-POSTER SESSION 2: ENGINEERED T CELL THERAPY FOR SOLID TUMORS Chair: Tal Akriv, Tel Aviv University, Israel BOOSTING CAR T CELL EFFICACY BY MODULATION OF THE TUMOR MICROENVIRONMENT IN GLIOBLASTOMA Ignacio Mastandrea, Tel Aviv University, Israel UNICAR CAR T CELL THERANOTICS FOR DIAGNOSTIC IMAGING AND THERAPY OF PROSTATE CANCER Claudia Arndt, Helmholtz Center Dresden-Rossendorf, Germany TARGETING THE EXTRA DOMAIN A FROM FIBRONECTIN FOR CANCER THERAPY WITH |
| 16:15 – 16:43 16:15 – 16:22 16:22 – 16:29 | COFFEE BREAK, EXHIBITION, POSTER AND E-POSTER PRESENTATIONS, 1:1 MEETINGS E-POSTER SESSION 2: ENGINEERED T CELL THERAPY FOR SOLID TUMORS Chair: Tal Akriv, Tel Aviv University, Israel BOOSTING CAR T CELL EFFICACY BY MODULATION OF THE TUMOR MICROENVIRONMENT IN GLIOBLASTOMA Ignacio Mastandrea, Tel Aviv University, Israel UNICAR CAR T CELL THERANOTICS FOR DIAGNOSTIC IMAGING AND THERAPY OF PROSTATE CANCER Claudia Arndt, Helmholtz Center Dresden-Rossendorf, Germany TARGETING THE EXTRA DOMAIN A FROM FIBRONECTIN FOR CANCER THERAPY WITH CAR-T CELLS |

| | Plenary Hall (Ballsaal) |
|---------------|---|
| 16:50 – 18:05 | SESSION 7: UNIVERSAL DONOR CELLS |
| | Chair: Michael Bachmann, Helmholtz Center Dresden-Rossendorf, Germany |
| | KEYNOTE LECTURE: FRATRICIDE AS AN ENABLER OF UNIVERSAL T CELL THERAPY |
| 16:50 - 17:15 | "WAS MICH NICHT UMBRINGT, MACHT MICH STÄRKER" |
| | Malcolm Brenner, Baylor College of Medicine, USA |
| 17:15 – 17:30 | INCREASING THE SAFETY OF CAR TECHNOLOGY: GATED TARGETING WITH MODULAR CARS |
| 17.13 - 17.30 | Michael Bachmann, Helmholtz Center Dresden-Rossendorf, Germany |
| 17.20 17./5 | CRISPR CUT AND UNCUT CAR T CELLS FOR LEUKAEMIA |
| 17:30 – 17:45 | Waseem Qasim, University College London, UK |
| 17:45 – 18:05 | Discussion |
| 18:05 – 19:30 | SESSION 8: RARE, AUTOIMMUNE AND INFECTIOUS DISEASES AS CELL THERAPY TARGETS |
| | Chair: Dirk Busch, Technical University of Munich, Germany |
| 10.05 10.00 | T CELL THERAPY FOR VIRUSES |
| 18:05 – 18:20 | Ann Leen, Baylor College of Medicine, USA |
| 18:20 – 18:35 | ORTHOTOPIC TCR REPLACEMENT ENABLES GENERATION OF PREDICTABLE ANTIGEN-SPECIFIC T CELL PRODUCTS |
| | Dirk Busch, Technical University of Munich, Germany |
| 18:35 – 18:50 | IN VIVO ENGINEERED B CELLS RETAIN MEMORY AND SECRETE HIGH TITERS OF ANTI- HIV ANTIBODIES IN MICE |
| | Adi Barzel, Tel-Aviv University, Israel |
| 18:50 – 19:05 | CAR-TREG PROGRAMS TARGETING TRANSPLANTATION, INFLAMMATION AND AUTOIMMUNITY |
| | Maurus de la Rosa, Sangamo Therapeutics France |
| 19:05 – 19:30 | Discussion |

¹ "What does not kill me, makes me stronger" – Friedrich Nietzsche

SATURDAY, 2 APRIL 2022

| | Plenary Hall (Ballsaal) |
|---|--|
| 08:00 - 09:25 | SESSION 9: NON-VIRAL VECTORS AND TRANSPOSONS |
| | Chair: Michael Hudecek, Hospital of the University of Würzburg, Germany |
| 08:00 - 08:25 | NEXT GENERATION NDM NANO VECTORS – AN ALTERNATIVE VECTOR PLATFORM FOR THE SAFE, RAPID AND PERSISTENT MANUFACTURE OF RECOMBINANT T CELLS FOR AUTOLOGOUS T CELL IMMUNOTHERAPY |
| | Richard Harbottle, German Cancer Research Centre, Germany |
| 08.25 - 08.40 | NOVEL TARGETS AND TECHNOLOGIES FOR CAR T-CELL THERAPY |
| 00:23 - 00:40 | Michael Hudecek, Hospital of the University of Würzburg, Germany |
| 08:40 - 08:50 | FREQUENT CRISPR-CAS9 INDUCED ANEUPLOIDY IN PRIMARY HUMAN T CELLS Alessio Nahmad, Tel Aviv University, Israel |
| 08:50 - 09:05 | PIGGYBAC TRANSPOSON-MEDIATED CAR-T CELLS: A PROMISING AND REALISTIC APPROACH FOR CLINICAL APPLICATION |
| 00:00 - 07:00 | Shigeki Yagyu, Kyoto Prefectural University of Medicine, Kyoto, Japan |
| 09:05 - 09:25 | Discussion |
| 09:25 – 10:25 | SESSION 10: SELECTED ABSTRACTS FOR ORAL PRESENTATION |
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| | |
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| 09:25 - 09:27 | Introduction DEVELOPMENT AND EVALUATION OF NEXT GENERATION IL-15 COENGINEERED MURINE CAR-T CELLS |
| | DEVELOPMENT AND EVALUATION OF NEXT GENERATION IL-15 COENGINEERED |
| | DEVELOPMENT AND EVALUATION OF NEXT GENERATION IL-15 COENGINEERED MURINE CAR-T CELLS |
| 09:27 - 09:34 | DEVELOPMENT AND EVALUATION OF NEXT GENERATION IL-15 COENGINEERED MURINE CAR-T CELLS Evripidis Lanitis, UNIL/Ludwig Cancer Institute Lausanne, Switzerland ORTHOGONAL GENE ENGINEERING ENABLES CD8+ T CELLS TO CONTROL TUMORS |
| 09:27 - 09:34 | DEVELOPMENT AND EVALUATION OF NEXT GENERATION IL-15 COENGINEERED MURINE CAR-T CELLS Evripidis Lanitis, UNIL/Ludwig Cancer Institute Lausanne, Switzerland ORTHOGONAL GENE ENGINEERING ENABLES CD8+ T CELLS TO CONTROL TUMORS THROUGH A NOVEL TOX-INDIFFERENT SYNTHETIC EFFECTOR STATE |
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| 09:27 - 09:34 09:34 - 09:41 09:41 - 09:48 | DEVELOPMENT AND EVALUATION OF NEXT GENERATION IL-15 COENGINEERED MURINE CAR-T CELLS Evripidis Lanitis, UNIL/Ludwig Cancer Institute Lausanne, Switzerland ORTHOGONAL GENE ENGINEERING ENABLES CD8+ T CELLS TO CONTROL TUMORS THROUGH A NOVEL TOX-INDIFFERENT SYNTHETIC EFFECTOR STATE George Coukos, Lausanne University Hospital, Switzerland A UNIQUE ENGINEERED T CELL ENABLES ANTIBODY-MEDIATED CYTOTOXICITY OVERCOME THE LIMITATIONS OF CAR T CELL THERAPY AGAINST SOLID TUMORS Yaron Carmi, Tel Aviv University, Israel OVERCOMING T CELL DYSFUNCTION IN ACIDIC PH TO ENHANCE ADOPTIVE T CELL |
| 09:27 - 09:34 09:34 - 09:41 09:41 - 09:48 | DEVELOPMENT AND EVALUATION OF NEXT GENERATION IL-15 COENGINEERED MURINE CAR-T CELLS Evripidis Lanitis, UNIL/Ludwig Cancer Institute Lausanne, Switzerland ORTHOGONAL GENE ENGINEERING ENABLES CD8+ T CELLS TO CONTROL TUMORS THROUGH A NOVEL TOX-INDIFFERENT SYNTHETIC EFFECTOR STATE George Coukos, Lausanne University Hospital, Switzerland A UNIQUE ENGINEERED T CELL ENABLES ANTIBODY-MEDIATED CYTOTOXICITY OVERCOME THE LIMITATIONS OF CAR T CELL THERAPY AGAINST SOLID TUMORS Yaron Carmi, Tel Aviv University, Israel OVERCOMING T CELL DYSFUNCTION IN ACIDIC PH TO ENHANCE ADOPTIVE T CELL TRANSFER IMMUNOTHERAPY |

| 10:02 – 10:09 | ADVANCED VIRAL VECTORS OVERCOME MAJOR HURDLE TOWARDS LYMPHOPREPLETE MOUSE MODELS FOR IN VIVO CAR THERAPY THROUGH RECEPTOR TARGETING |
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| | Alexander Michels, Paul-Ehrlich-Institut, Germany |
| 10:09 – 10:16 | GENE-TRANSFER METHODOLOGY AFFECTS CHIMERIC ANTIGEN RECEPTOR EXPRESSION AND REGULATION IN T-CELLS, AND DETERMINES ANTITUMOR POTENCY IN THE CONTEXT OF HIGH VS. LOW TARGET ANTIGEN DENSITY |
| | Leon Gehrke, University Hospital Wuerzburg, Germany |
| 10:16 – 10:23 | HUMAN T CELLS ENGINEERED WITH A LEUKEMIA LIPID-SPECIFIC TC103R ENABLES DONOR-UNRESTRICTED RECOGNITION OF CD1C-EXPRESSING LEUKEMIA |
| | Michela Consonni, San Raffaele Scientific Institute, Italy |
| 10:23 – 10:25 | Summary |
| 10:25 - 11:00 | Exhibition & Networking Area (Grosser Saal) |
| | COFFEE BREAK, EXHIBITION, POSTER AND E-POSTER PRESENTATIONS, 1:1 MEETINGS |
| 10:30 – 10:58 | E-POSTER SESSION 3: NEW APPROACHES IN LYMPHOCYTE ENGINEERING & OTHER |
| | |
| | Chair: Elvira D'Ippolito, Technical University of Munich, Germany |
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| | Plenary Hall (Ballsaal) |
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| 11:00 – 12:50 | SESSION 11: NEW APPROACHES IN LYMPHOCYTE ENGINEERING II |
| | Chair: Hinrich Abken, Regensburg Center for Interventional Immunotherpay, Germany |
| 11:00 – 11:25 | KEYNOTE LECTURE: GENE-BASED DELIVERY OF IMMUNOSTIMULANT CYTOKINES REPROGRAMS THE TUMOR MICROENVIRONMENT AND SYNERGIZES WITH CAR-T CELL THERAPY |
| | Luigi Naldini, San Raffaele Telethon Institute for Gene Therapy, Italy |
| 11:25 – 11:40 | CARS AND TRUCKS AND THE NEXT GENERATION CAR T CELLS |
| 11:23 - 11:40 | Hinrich Abken, Regensburg Center for Interventional Immunotherpay, Germany |
| 11:40 – 12:05 | AUTOMATED AND SCALABLE CLOSED-SYSTEM PLATFORM FOR CELL ISOLATION AND ACTIVATION |
| | Øystein Åmellem, Thermo Fisher Scientific, Norway |
| 12:05 – 12:15 | CHARACTERIZATION OF A NOVEL RADIOHAPTEN CAPTURE SYSTEM IN CAR T CELLS FOR TRACKING IN VIVO AND IMPROVING CAR T EFFICACY |
| | Keifer Kurtz, Memorial Sloan Kettering, USA |
| 12:15 – 12:30 | RESISTANT MECHANISM OF NHL TO CART THERAPY |
| 12:13 - 12:30 | Weidong Han, Chinese PLA General Hospital, China |
| 12:30 – 12:50 | Discussion |
| | SESSION 12 & CLOSURE: PANEL DISCUSSION: WHAT'S NEXT IN LYMPHOCYTE ENGINEERING? |
| 12:50 – 13:20 | Moderators: Adi Barzel, Tel-Aviv University, Israel |
| | Dirk Busch, Technical University of Munich, Germany |
| | Panelists: |
| | Stan Riddell, Fred Hutchinson Cancer Research Center, USA |
| | Luigi Naldini, San Raffaele Telethon Institute for Gene Therapy, Italy |
| | Malcolm Brenner, Baylor College of Medicine, USA |

INFORMATION FOR SPEAKERS & ORAL PRESENTERS

Please check the program in case of last-minute scheduling changes.

SPEAKERS' READY DESK

All speakers and oral presenters are requested to upload their presentations at the **Speakers' Ready Desk** at **least 1 hour before the start of their session** in order to check their slides with the technical staff.

Speakers can upload their presentations at any time from the beginning of the conference and do not need to wait until the day of presentation. Speakers in morning sessions are strongly advised to pre-load their presentation the day before.

Location: Plenary Hall (BallSaal)

| Working Time | |
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| Thursday, 31 March | 13:00 – 19:30 |
| Friday, 1 April | 07:30 – 19:30 |
| Saturday, 2 April | 07:30 – 13:20 |

INFORMATION FOR E-POSTER PRESENTERS AND CHAIRPERSONS

E-Poster Presentation Sessions are scheduled in the coffee breaks during the conference days as indicated in the conference program. All participants are invited to the E-Poster Presentation Station to hear the selected short presentations and to ask questions.

Location: E-Poster Zone, Exhibition & Networking Area (Grosser Ballsaal)

| E-Poster Session | Date & Time | Chairperson |
|--|---------------|---|
| E-POSTER SESSION 1: | 31st March | Inbal Reuven, |
| TARGETED THERAPIES WITH ENGINEERED T CELLS | 17:05 – 17:26 | Tel Aviv University, Israel |
| E-POSTER SESSION 2: | 1st April | Tal Akriv, |
| ENGINEERED T CELL THERAPY FOR SOLID TUMORS | 16:15 – 16:43 | Tel Aviv University, Israel |
| E-POSTER SESSION 3: | 2nd April | Elvira D'Ippolito, |
| NEW APPROACHES IN LYMPHOCYTE ENGINEERING & OTHER | 10:30 – 10:58 | Technical University of Munich, Germany |

All E-Posters can also be viewed as printed posters, displayed in the Poster Zone at the Exhibition & Networking Area. More information about each Poster title, co-authors and assigned poster board number is available on page 24.

INFORMATION FOR STANDARD POSTER PRESENTERS

Poster viewing and discussions are during the official program lunch and coffee breaks each day as well as the designated Welcome Cocktail & Poster Viewing, scheduled on 31 March at 19:30. Authors are kindly requested to stand by their poster to answer questions.

Location: Exhibition & Networking Area (Grosser Saal & Foyer)

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| CAR T cell therapies in hematological malignancies | 01 - 13 |
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Poster presenters are requested to hang their poster per their poster board number. Detailed information about each poster' title, co-authors and poster board number is available on the next page.

POSTER MOUNTING

Thursday, 31st March 13:00 – 16:30 Friday, 1st April 08:00 – 10:00

POSTER DISMANTLING

Saturday, 2nd April 11:15 – 14:00

The organizers are not responsible for posters not removed after the given time period.

POSTERS

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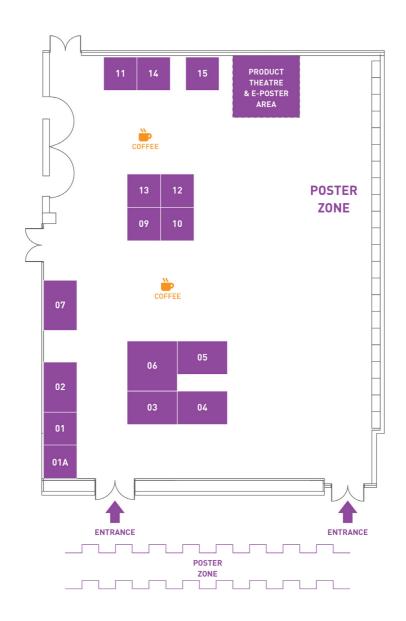




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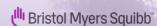


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Based in Denmark, Immudex manufactures MHC Dextramer® reagents. MHC Dextramer® products are utilized for the quantification and sorting of antigen-specific T cells in life science research, in vitro diagnostics, as well as the development of immunotherapeutics and vaccines. Under an agreement with the US Cancer Immunotherapy Consortium (CIC) and the European Cancer Immunotherapy Consortium (CIMT), Immudex also provides MHC Multimer and Elispot proficiency panel services worldwide. The CEmarked and FDA 510(k) cleared Dextramer® CMV Kit is utilized for the identification and enumeration of cytomegalovirus (CMV)-specific CD8+ T cells for in vitro diagnostic use. To learn more about Dextramer® reagents visit www.immudex.com.

ISOPLEXIS

35 NE Industrial Rd, Branford, Brandford CT 06405 USA

Booth #: 15

https://isoplexis.com/

IsoPlexis is a life science technology company building solutions to accelerate the development of curative medicines and personalized therapeutics. Our award-winning single-cell proteomics systems reveal unique biological activity in small subsets of cells, allowing researchers to connect more directly to in vivo biology and develop more precise and personalized therapies. Our integrated systems, named top innovation or design by the Scientist Magazine, Fierce, BIG Innovation and Red Dot are used globally to advance the field of single-cell biology into new 'omic possibilities, as our customers generate solutions to overcome the challenges of complex diseases and therapeutics. Our products have been adopted by researchers around the world, including the top 15 global pharmaceutical companies and by 60% of comprehensive cancer centers.

LUMICKS

Pilotenstraat 41 Amsterdam 1059 CH The Netherlands Booth #: 05

https://lumicks.com/

LUMICKS is the leading supplier of dynamic single-molecule and cell avidity analysis instruments. Our instruments allow researchers – for the first time – to build the crucial and as yet unfinished bridge between structure and function at both a molecular and a cellular level. This is achieved by applying and measuring forces around biological interactions, enabling the detailed real-time analysis of underlying biological mechanisms. Our goal is to advance science and improve human health by providing tools that unlock the measurement of forces and interactions in biology to provide unparalleled insight into the fundamental cause of disease and the potential for drug optimization. These technologies are rapidly evolving as a mainstream approach in academic and pharma research for the study.

MAXCYTE

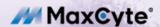
22 Firstfield Road Gaithersburg 20878 USA Booth #: 07

https://maxcyte.com/

MaxCyte® is a leading provider of cell-engineering platform technologies and is responsible for helping to bring next-generation cell-based therapies to life. The Company's technology is employed by leading drug developers worldwide, including 20 of the top 25 global biopharmaceutical companies. Our Flow Electroporation® technology and next-generation ExPERT™ platform enable our partners to accelerate, streamline, and improve the drug development process from the early stages of research to commercialization. Founded in 1998, MaxCyte is headquartered in Gaithersburg, Maryland, U.S.







MILTENYI BIOTEC

Friedrich-Ebert-Strasse 68
Bergisch Gladbach
51249
Germany
Booth #: 06

https://www.miltenyibiotec.com



Miltenyi Biotec is a global provider of products and services that empower biomedical discovery and advance cellular therapy. Our innovative tools support research at every level, from basic research to translational research to clinical application. Used by scientists and clinicians around the world, our technologies enable solutions for cellular research, cell therapy, and cell manufacturing. Our more than 30 years of expertise spans research areas including immunology, stem cell biology, neuroscience, and cancer. Today, Miltenyi Biotec has more than 3,500 employees in 28 countries – all dedicated to helping researchers and clinicians make a greater impact on science and health.

NOVARTIS

Forum 1, Novartis Campus Basel CH-4056 Switzerland



https://www.novartis.com/

Novartis is reimagining medicine to improve and extend people's lives. As a leading global medicines company, we use innovative science and digital technologies to create transformative treatments in areas of great medical need. In our quest to find new medicines, we consistently rank among the world's top companies investing in research and development. Novartis products reach nearly 800 million people globally and we are finding innovative ways to expand access to our latest treatments. About 109,000 people of more than 140 nationalities work at Novartis around the world. Find out more at https://www.novartis.com.

PEPPERPRINT GMBH

Rischerstr. 12 Heidelberg 69123 Germany Booth #: 11



https://www.pepperprint.com

PEPperPRINT provides high-density peptide microarrays and related services for antibody epitope mapping and profiling of immune responses linked to cancer, infection or autoimmune diseases on pre-designed or custom microarrays. Profile antibody responses against the most important wild type AAV capsid proteins with the PEPperCHIP® Pan-AAV Capsid Protein Microarray. The chip contains the sequences of 15 different capsid proteins converted into more than 5,000 overlapping peptides for high-resolution epitope data. The PEPperCHIP® Pan-AAV Capsid Protein Microarray can be used to analyze patient and animal sera as well as research and diagnostic anti-AAV antibodies on the epitope level.®

SANGAMO THERAPEUTICS

Allée de la Nertière, Les Cardoulines Bat HT1 Valbonne 06560 France

Sangame

https://www.sangamo.com/

Sangamo Therapeutics is a clinical-stage biopharmaceutical company with a robust genomic medicines pipeline. Using ground-breaking science, including our proprietary zinc finger genome engineering technology and manufacturing expertise, Sangamo aims to create new genomic medicines for patients suffering from diseases for which existing treatment options are inadequate or currently don't exist.

SARTORIUS CELLGENIX GMBH

Am Flughafen 16 Freiburg 79108 Germany Booth #: 04



https://cellgenix.com/

Sartorius CellGenix is a leading global supplier of high quality raw materials for the expanding cell and gene therapy market. We develop, manufacture and market preclinical and GMP cytokines along with GMP serum-free media for further manufacturing of ATMPs. Our products are used by academia and industry partners in preclinical development, clinical trials, and commercial manufacturing throughout the world. With +25 years of experience, we are experts in the GMP manufacturing of raw materials for the cell and gene therapy space. By offering expert technical and regulatory support we can help simplify raw material qualification and validation efforts.

SCALEREADY

2100 Old Hwy 8 NW New Brighton 55112 USA Booth #: 01



https://www.scaleready.com/

ScaleReady is a joint venture between Bio-Techne, Fresenius Kabi, and Wilson Wolf. Bringing together proven tools and technologies for cell culture, cell activation, gene editing, and cell processing, ScaleReady provides leading therapeutic developers with the most simple, scalable, and versatile manufacturing platform in the industry. Our platform includes G-Rex® cell culture technology, the Lovo and Cue cell processing systems, and a wide range of GMP proteins, reagents, media, and gene editing technologies.

STEMCELL TECHNOLOGIES

Building 7100, Cambridge Research Park, Beach Drive, Waterbeach Cambridge CB25 9TL

UK

Booth #: 13

http://www.stemcell.com

Driven by science and a passion for quality, STEMCELL Technologies supports immunology and cell therapy researchers globally with cell isolation products, specialized cell culture media, primary cells, and supporting reagents. Generate engineered lymphocytes with tools to support every step of your workflow. Start your experiments with confidence with our ethically sourced primary cells. Our fast and easy-to-use EasySep™ platform can be used to isolate untouched, highly purified and functional immune cells that can then be cultured, activated, and expanded—reproducibly, in serum-free conditions—with ImmunoCult™ cell culture reagents. You can also generate the NK cells, T cells, or monocytes you need directly from human pluripotent stem cells by using our STEMdiff™ immune kits. Visit us at booth #13 to learn more!

THERMO FISHER SCIENTIFIC

Ullernchausséen 52

Oslo 0379

Norway Booth #: 10 Thermo Fisher SCIENTIFIC

STEMCELL

The world leader in serving science

https://www.thermofisher.com/us/en/home.html

As the world leader in serving science, Thermo Fisher Scientific is uniquely positioned to provide the quality materials, services and support needed to accelerate the pace of advanced therapy development. Our portfolio of trusted and recognized products and services enables us to provide comprehensive solutions to support every step of the advanced cell therapy process – from cell collection through manufacture to clinical site delivery. Through our Thermo Scientific, Applied BioSystems, Invitrogen, Fisher Scientific, Fisher Clinical Services, Unity Lab Services, and Gibco Cell Therapy Systems (CTS) brands, we offer an unmatched combination of innovative technologies, purchasing convenience and comprehensive support. www.thermofisher.com.

VECTORBUILDER GMBH

Martin-Behaim-Straße 15 Neu-Isenburg 63263 Germany Booth #: 03



https://en.vectorbuilder.com/

VectorBuilder is a rapidly growing biotechnology company that has established itself as a global leader in a range of life sciences products and services, including vector cloning, virus packaging, library construction, stable cell line generation, Covid-19 research reagents, and GMP manufacturing of clinical grade plasmid DNA and viruses. VectorBuilder's revolutionary online vector design platform, VectorBuilder.com, has become highly popular with researchers around the world for its rich functionalities and highly intuitive user interface.

GETTING AROUND IN MUNICH

Holiday Inn Munich – City Center is just a 5-minute walk from Rosenheimer Platz Station and around 15-minute walk from the Old Town. The station operates on the S-Bahn lines S1, S2, S4, S6 and S8, which allows you to reach the main square Marienplatz in 10 minutes. The station is located in Travel Zone M and to reach the city center, a short trip ticket is enough.

NEARBY ATTRACTIONS

While in Munich, there are some attraction and entertainment spots you would not want to miss. Thanks to the central location of the venue hotel, they are easy to reach even on foot.

- Just a 5-minute walk would take you to the "Deutsches Museum" the largest museum of technology in the world. There you can enjoy various exhibitions regarding broad range of subjects such as astronomy, chemistry, physics, oceanography, etc. Address: Museumsinsel 1 80538 Munich, Germany/ Open daily: 09 AM – 05 PM.
- While being at the birthplace of the Oktoberfest, you could visit one of the most authentic beer halls in Germany Hofbräuhaus. Beer is served in 1-liter mugs and local cuisine is fantastic!
 On some occasions traditional Bavarian music is played. Address: Platzl 9 80331 Munich, Germany/ 1 (1.3 km) mile from the venue hotel/ Open daily: 09 AM 12 AM.
- In case you wish to get some fresh air and enjoy a nature scenery, the English garden is a
 must-see. It is located in the city center, and it is one of the biggest urban parks in the world.
 Some highlights during your stroll in the park are the Japanese Teahouse, Kleinhesseloher
 lake and Schönfeldwiese where you can see surfers riding the wave on an artificial stream.
 Address: 80538 Munich, Germany/ 1.2 [2 km] miles from the venue hotel / Open daily
- If interested in **shopping**, the main shopping street **Kaufingerstraße** is right next to the famous Rathaus (Town Hall) and can be reached by a 20-minute walk from the venue hotel or by S-Bahn train from Rosenheimer Platz Station to Marienplatz Station.

GETTING TO MUNICH AIRPORT

The S1 and S8 S-Bahn lines connect Munich city center (closest station to venue hotel is Rosenheimer Platz Station) with Terminal 1 and 2 of the airport (approx. time 40 min). Lufthansa Express Bus is also a convenient connection to the airport, running every 20 minutes every day of the year from Munich Central Station. (approx. time 45 min)

TAXI COMPANIES

To book a taxi, you may call one of the companies below. Taxi-München eG – 0049 89-21 610 / 0049 89-19-410 IsarFunk Taxis – 0049 89-450-540 Taxi Zentrale Freising – 0049 81-613 666



INTERNATIONAL CONFERENCE ON LYMPHOCYTE ENGINEERING



ICLE 2022 BY GEMS



GEMS – the Global Education of Medicine and Science, helps in advancing healthcare and technological fields that are currently developing. The organization supports and collaborates with world experts, to deliver the right content at the right time, by providing the needed resources and formats to deliver high-quality learning experiences.

With a main objective to advance education, GEMS is currently working in the fields of Hospital at Home, Lymphocyte Engineering, Microbiome, Fatty liver, Diabetes, Pain management and more.

Independent Medical Education

GEMS aim is to develop high-quality and effective medical education that will contribute toward improved physician competencies and ultimately improved patient care. GEMS medical education activities are targeting healthcare professionals from different specialties in an international environment with adult learning principles, based on the needs of the target audience, and needs in the field.

The degree of importance attached to relevant medical education globally continues to grow. Many countries are developing regulations, guidelines, etc. to encourage participation in independent medical education activities. This all with the goal of improving clinical practice and outcomes, and ultimately patient outcomes.

Medical education activities developed under GEMS are:

- · Meeting identified participant needs
- Are free from bias
- Are developed by independent, qualified, and scientific educators.
- Are of high quality

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Learn more on https://gemseducation.org





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