

Top 10 Posters

Numerous abstract submissions were received for Poster Presentations, and after much consideration, the Scientific Committee has distinguished the top 10 posters for ICLE 2023. The presenters of these selected posters will have the thrilling opportunity to present their research at the [Welcome reception](#) on 12 September and will fill the air with excitement as they share their innovative work.

During the Conference days, all attendees will have the chance to vote for their favorite poster through the mobile app to determine the best one.

The poster that receives the highest number of votes will be granted a 5-minute presentation during the Conference's closure ceremony in the Plenary hall.

Please familiarize yourself with the Top 10 posters listed below.
NKG2D-CAR MEMORY T CELLS TARGET PEDIATRIC T-CELL ACUTE LYMPHOBLASTIC LEUKEMIA IN VITRO AND IN VIVO BUT FAIL TO ELIMINATE LEUKEMIA INITIATING CELLS

Lucía Fernández, National Cancer Research Center, Spain

Authors: M. Ibáñez-Navarro, A.F. Fernández, A. Escudero, G. Estesó, C. Campos-Silva, M.Á. Navarro-Aguadero, A. Leivas, B. Ruz-Caracuel, C. Rodríguez-Antolín, A. Ortiz, A. Navarro-Zapata, C. Mestre-Durán, M. Balaguer-Pérez, C. Ferreras, J. Martínez-López, M. Valés-Gómez, A. Pérez-Martínez, L. Fernández (Spain)

FCYRIIA-SPECIFIC DARPINS DISPLAYED ON VIRAL VECTORS FOR HIV GENE THERAPY

Samuel Theuerkauf, Paul Ehrlich Institute, Germany

Authors: S. Theuerkauf (Germany), A. Jamali (Germany), V. Riechert (Germany), S. Hein (Germany), P. Adams (Netherlands), E. Herrera-Carrillo (Netherlands), B. Berkhout (Netherlands), K. Cichutek (Netherlands), J. Hartmann (Germany), C. Buchholz (Germany)

THE INTEGRATED MULTI-OMIC

CHARACTERIZATION OF “OFF-THE-SHELF” CD19-CAR-T CELLS ALLOWS THE IDENTIFICATION OF ENGINEERED CELLS ENDOWED WITH SUPERIOR ANTI-TUMOR FITNESS AND LOWER PRO-INFLAMMATORY ACTIVITY

Cristina Maccalli, Sidra Medicine, Qatar

Authors: A. Al Sulaiti (Qatar), M. El Anbari (Qatar), M. Toufiq (Qatar), S. Jacob (Qatar), S. Kotegar Balayya (Qatar), E. Chin-Smith (Qatar), S. Mohan (Qatar), D. Olagunju (Qatar), C. Cugno (Qatar), S. Deola (Qatar), D. Chaussabel (Qatar), C. Bonini (Italy), M. Casucci (Italy), C. Maccalli (Qatar)

ISOLATION AND CHARACTERIZATION OF NEOEPITOPE-SPECIFIC TCRS FOR T CELL THERAPY IN GASTROINTESTINAL CANCER

Elvira D’Ippolito, Technical University of Munich, Germany

Authors: S. Braun, L. Warmuth, K. Wagner, A. Brutau-Abia, R. Mejías-Luque, M. Gerhard, E. D’Ippolito, D. Busch (Germany)

THIRD-GENERATION CHIMERIC ANTIGEN RECEPTOR (CAR) T CELLS IN ADULT ALL AND NHL PATIENTS

Michael Schmitt, University Hospital Heidelberg, Germany

Authors: M.-L. Schubert, A. Schmitt, A. Hückelhoven-Krauss, B. Neuber, P. Waldhoff, D. Vonficht, S. Yousefian, L. Jopp-Saile, F. Korell, P. Derigs, S. Haas, A.D. Ho, C. Müller-Tidow, P. Dreger, M. Schmitt (Germany)

BANANA LECTIN EXPRESSING CAR T CELLS ENHANCE ANTI-TUMOR ACTIVITY AGAINST HETEROGENOUS SOLID TUMORS

Katie McKenna, Baylor College of Medicine, United States

Authors: K. Mckenna, A. Ozcan, D. Markovitz, M. Brenner (United States of America)

COMBINATION OF CD4+ AND CD8+ T CELLS IN T CELL THERAPY OF HBV INFECTION ENHANCES VIRUS CONTROL IN VIVO BY INCREASING IFN-G AND TNF-A SECRETION

Sophia Schreiber, Technical University of Munich, Germany

Authors: S. Schreiner, S. Schreiber, E. Loffredo-Verde, A. Kosinska, U. Protzer (Germany)

IMMUNOTHERAPY TARGETING MUTANT NUCLEOPHOSMIN-1 ON ACUTE MYELOID LEUKEMIA

Georgia Koutsoumpli, Leiden University Medical Center,

Netherlands

Authors: G. Koutsoumpli (Netherlands), D. Van Der Lee (Netherlands), N.C. Groenland (Netherlands), M.W. Honders (Netherlands), R. De Jong (Netherlands), R.S. Hagedoorn (Netherlands), H. Veelken (Netherlands), P. Van Veelen (Netherlands), D. Lock (Germany), M. Heemskerk (Netherlands), J.H.F. Falkenburg (Netherlands), I. Johnston (Germany), M. Griffioen (Netherlands)

SYNTHETIC DUAL-COSTIMULATION FOR TCR AND TCR-LIKE TARGETED CELL THERAPIES

Anton Dobrin, Memorial Sloan Kettering Cancer Center, United States

Authors: A. Dobrin, H. Xie, K. Perica, N. Jain, M. Sadelain, M. Hamieh (United States of America)

THERAPEUTIC GENE EDITING OF T CELLS CORRECTS CTLA4 INSUFFICIENCY

Thomas Fox, University College London, United Kingdom

Authors: T. Fox (United Kingdom), B. Houghton (United Kingdom), L. Petersone (United Kingdom), E. Waters (United Kingdom), N. Edner (United Kingdom), A. McKenna (United Kingdom), O. Preham (United Kingdom), C. Hinze (United Kingdom), C. Williams (United Kingdom), A. Albuquerque (United Kingdom), A. Kennedy (United Kingdom), A. Pesenacker (United Kingdom), P. Genovese (United States of America), L. Walker (United Kingdom), S. Burns (United Kingdom), D. Sansom (United Kingdom), C. Booth (United Kingdom), E. Morris (United Kingdom)