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Annalisa Ruggeri
CTIWP Chair
Italy

Major achievements

The CTIWP is growing in line with the increasing application of cell therapy in different diseases.

The collaboration with the different working parties and partner society (GoCART, EHA) is ongoing with the aim to harmonise the practice and the workload in the cell

therapy field. Communication and regular meetings with the stakeholders are in place to ensure the high quality of researches.

The research activity of the CTIWP is wide and focus on different factors associated with transplant outcomes (immunogenetics and conditioning regimens), as well with CAR T cell therapy. In particular, the fertility after CAR T is being investigated, and the use of CAR T in patients with autoimmune disease, as primary or concomitant disease. This study will open new insight in the application of CAR T in non-malignant diseases.

Another important ongoing evaluation is the outcomes of CAR T cell therapies in older patients who are frail, focusing on toxicities and long term results.



ADWP and CTIWP Educational Meeting Joint Educational Meeting of the ADWP and CTIWP "Immunology and Cellular Therapies in Autoimmune Diseases" - Milan, Italy - 10-12 October 2024

Principal research studies

HLA Mismatch Frequencies in Unrelated Hematopoietic Cell Transplantation
Study type
Retrospective Studies
Diseases
All diseases
Group
Cellular Therapy & Immunobiology Working Party (CTIWP)
Type of treatment
Allogeneic - Unrelated
Principal investigator
Esteban Arrieta Bolaños
CAR-T in elderly patients
Study type
Retrospective Studies
Diseases
Non-Hodgkin’s Lymphoma (NHL)
Group
Cellular Therapy & Immunobiology Working Party (CTIWP)
Type of treatment
CAR T
Principal investigator
Vanderson Rocha
Autoimmune and autoinflammatory complications after CAR-T cell therapy - a joint study on behalf of the EBMT - ADWP, CTIWP and TCWP
Study type
Retrospective Studies
Diseases
Acute Lymphatic Leukaemia (ALL)
Multiple Myeloma (MM) or other Plasma Cell Disorder (PCD)
Non-Hodgkin’s Lymphoma (NHL)
Group
GoCART Coalition
Autoimmune Diseases Working Party (ADWP)
Cellular Therapy & Immunobiology Working Party (CTIWP)
Complications Working Party (CWP)

Type of treatment
CAR T
Principal investigator
Matteo Doglio
Survey on fertility procedures and outcomes for patients treated with CAR-T cell therapy
Study type
Closed Survey/Study
Diseases
All diseases
Group
Cellular Therapy & Immunobiology Working Party (CTIWP)
Type of treatment
CAR T
Principal investigator
Giorgio Orofino

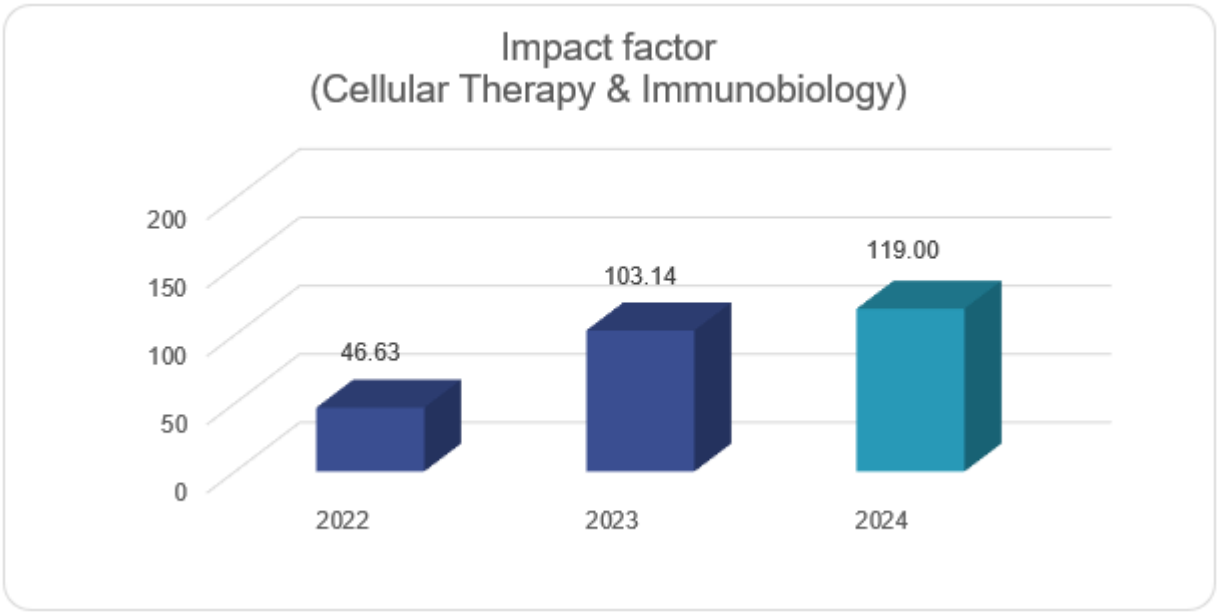
Key publications

2024
Severe ICANS after CAR T-cell therapy and assessment of prevention with levetiracetam for seizure prophylaxis following CAR T-cell for DLBCL & PMBCL in Europe: a survey on behalf of the Cellular Therapy & Immunobiology Working Party (CTIWP) of the EBMT
Group
Cellular Therapy & Immunobiology Working Party (CTIWP)
1st listed author
Piera Angelillo
Journal
Bone Marrow Transplant.
2024
Directionality of HLA-DP permissive mismatches improves risk prediction in HCT for acute leukemia and MDS
Group
Cellular Therapy & Immunobiology Working Party (CTIWP)
1st listed author
Esteban Arrieta-Bolaños
Journal

Blood.
2024
Human Leukocyte Antigen Mismatching and Survival in Contemporary Hematopoietic Cell Transplantation for Hematologic Malignancies
Group
Cellular Therapy & Immunobiology Working Party (CTIWP)
1st listed author
Esteban Arrieta-Bolaños
Journal
J Clin Oncol.
2024
Donor lymphocyte infusion after allogeneic haematopoietic cell transplantation for haematological malignancies: basic considerations and best practice recommendations from the EBMT
Group
Cellular Therapy & Immunobiology Working Party (CTIWP)
Practice Harmonisation and Guidelines Committee
1st listed author
Simona Pagliuca
Journal
Lancet Haematol.
2024
Current challenges in cell and gene therapy: a joint view from the European Committee of the International Society for Cell & Gene Therapy (ISCT) and the European Society for Blood and Marrow Transplantation (EBMT)
1st listed author
Fermin Sanchez-Guijo
Journal
Cytotherapy.
See the full list of the CTIWP 2024 publications



Indicators



	2022	2023	2024
Oral presentations	2	7	**7**
Poster presentations	4	4	**7**
Educational events	7	7	**6**

Major educational events



Event

Immunology and Cellular Therapies in Autoimmune Diseases



Event

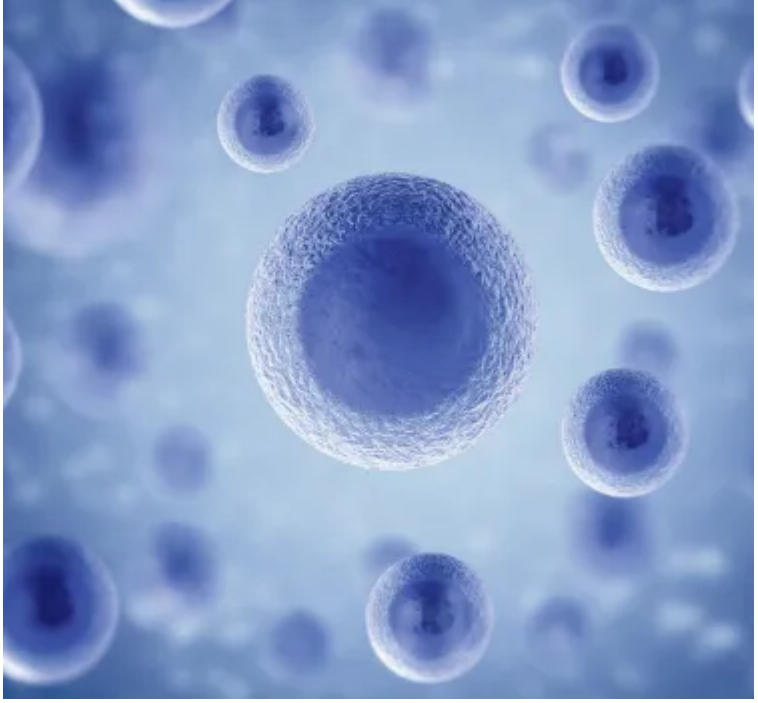
9th International Transplant and Cellular Therapy Course



Event

50th Annual Meeting of the EBMT

Apr 14, 2024 - Jun 17, 2024 / Glasgow, United Kingdom
Discover more



Event

EBMT-EHA 6th European CAR T-cell Meeting

Feb 15, 2024 - Mar 17, 2024 / Valencia, Spain
Discover more
VISIT THE CTIWP WEBPAGE