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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

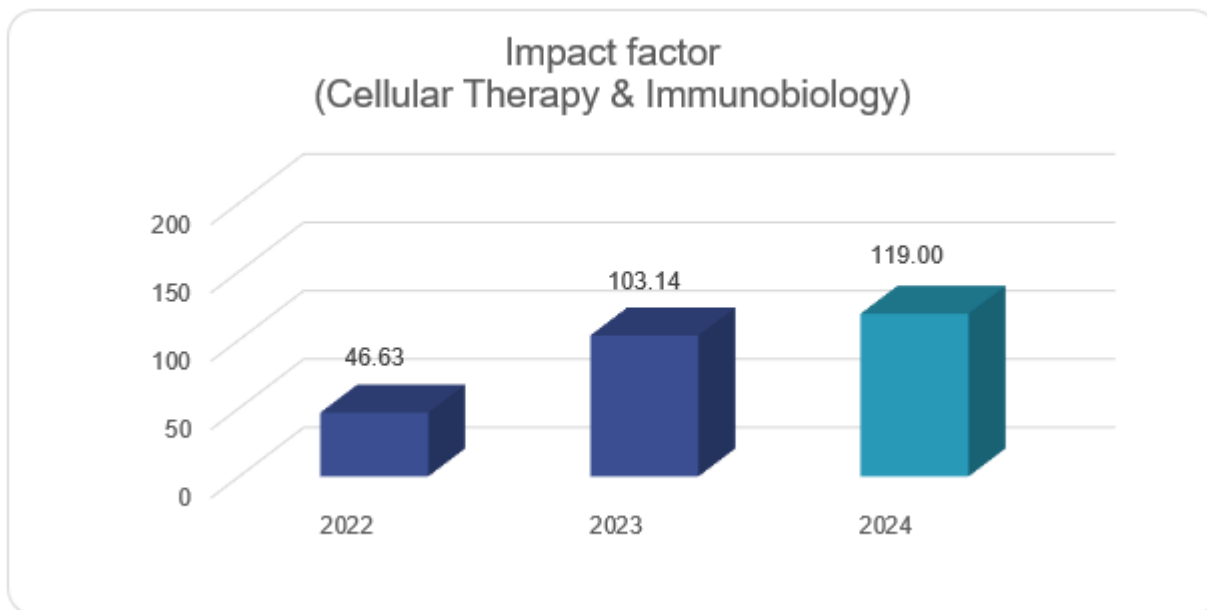
Journal

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



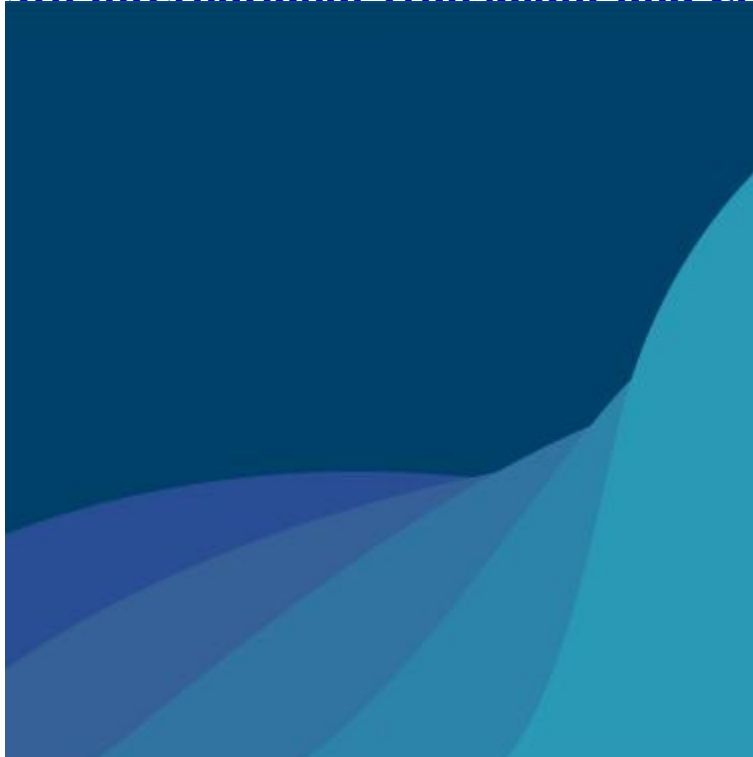
Event

Immunology and Cellular Therapies in Autoimmune Diseases



Event

9th International Transplant and Cellular Therapy Course

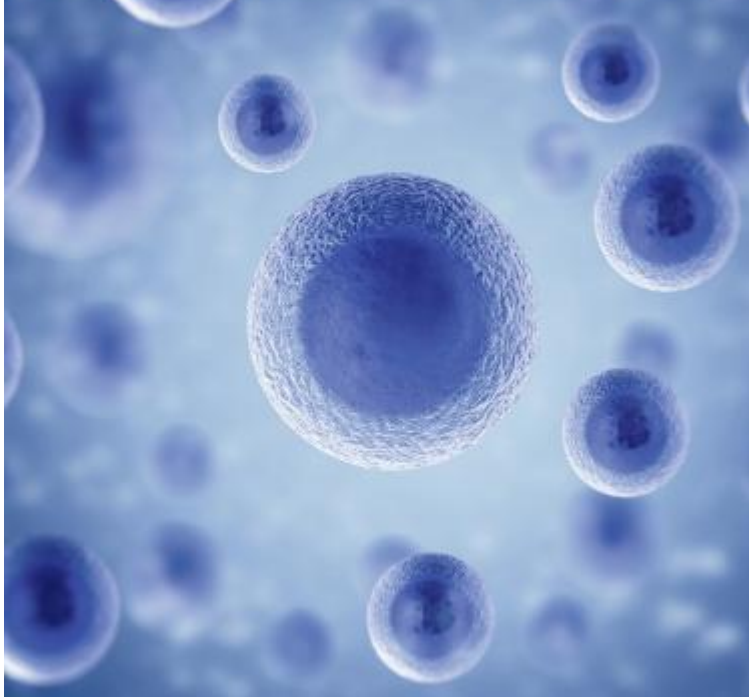


Event

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](#)

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