

Breadcrumb

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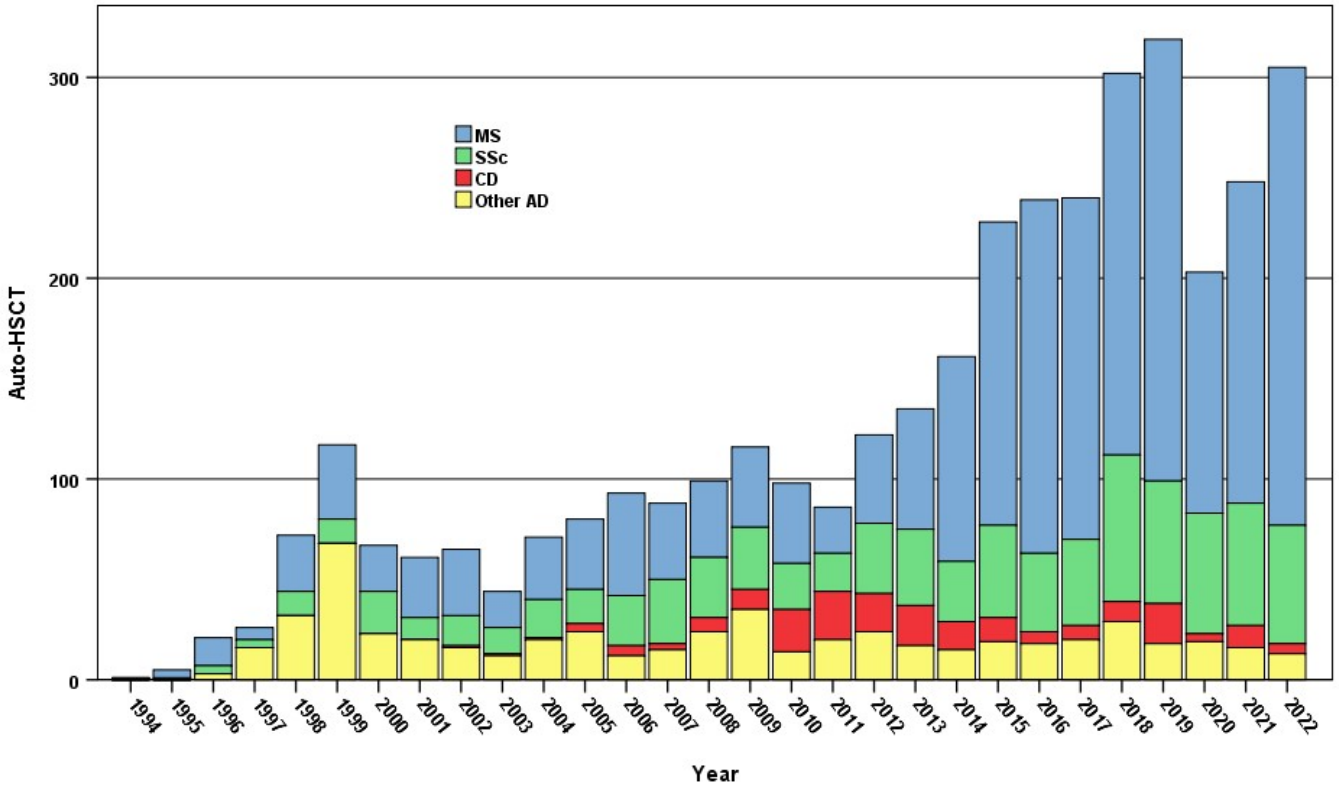
Raffaella Greco
ADWP Chair
Italy

Major achievements

Autoimmune diseases (ADs) are a heterogeneous group of diseases, characterized by loss of immune tolerance, high chronicity, with substantial morbidity and mortality. Over the last 3 decades, hematopoietic stem cell transplantation (HCT) has been increasingly used to treat patients affected by severe and refractory ADs, and is recently facing a unique developmental phase across EBMT centers.

Autologous HCT has become a standard-of-care part of treatment algorithms in multiple sclerosis and systemic sclerosis. Recently, innovative cellular therapies (i.e. CAR-T cells, mesenchymal cells, Tregs-based therapies) have been successfully adopted in ADs.

The EBMT Autoimmune Diseases Working Party (ADWP) has been central to development of these approaches. The ADWP is dedicated to promoting clinical activities, teaching and translational research on HCT together with innovative cellular therapies as AD treatment, to re-induce self-tolerance by resetting the immune system. The ADs section of the EBMT Registry is the largest database of its kind worldwide, with over 4,300 HCT registrations.



A multidisciplinary approach is key in this field, and ADWP is continuing to expand the evidence-base and support best-practice with studies and guidelines, including significant collaborative outputs with EBMT Working-Parties, JACIE, Trainee-Committee, PAC and Nurses-Group.

Education is central in ADWP activities, including a successful joint Midterm Educational Meeting on New indications in Immune Dysregulatory, Autoinflammatory and Autoimmune Diseases, and Harmonization Workshop on innovative cellular

therapies for ADs. Moreover, a section specifically designed for ADs was developed within the EBMT e-learning platform with contributions from key experts in the field.



ADWP Team during the 49th Annual Meeting of the EBMT in Paris

Principal research studies

Comparison of Cyclophosphamide/ATG vs BEAM/ATG conditioning regimens in autologous HSCT for Multiple Sclerosis
Study type
Retrospective Studies
Diseases
Auto immune disorders
Group
Autoimmune Diseases Working Party (ADWP)
Type of treatment
Autologous
Principal investigator
Riccardo Saccardi
Post AHSCT (Autologous Hematopoietic Stem Cell Transplantation) management for patients with systemic sclerosis: a prospective, non-interventional approach across Europe (NISSC-2)
Study type
Non-interventional Prospective Studies
Diseases

Group
Autoimmune Diseases Working Party (ADWP)
Type of treatment
Autologous
Principal investigator
Pr Dominique Farge
Observational Study in Multiple Sclerosis patients treated with autologous hematopoietic stem cell Transplantation (OMST)

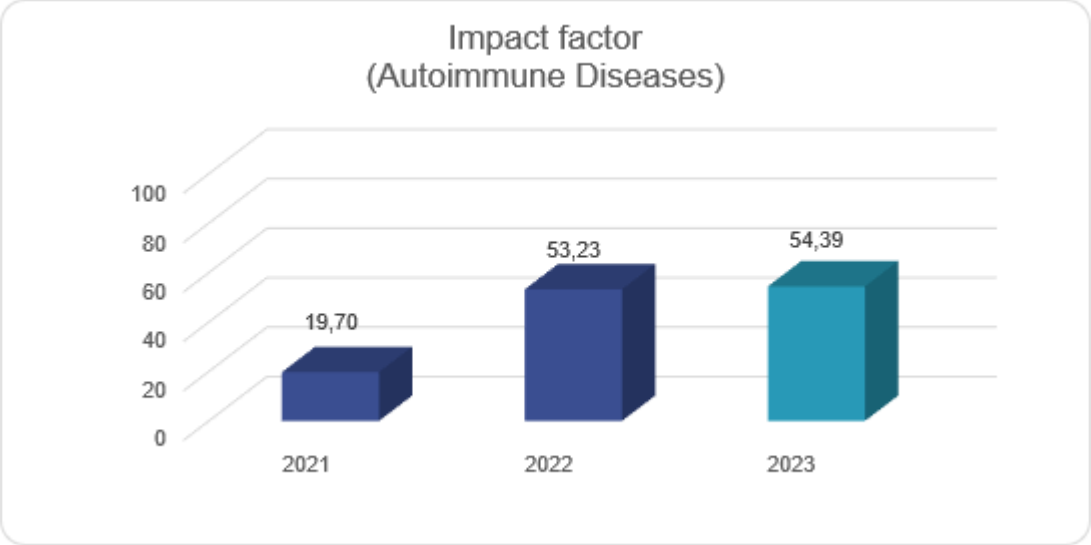
Study type
Non-interventional Prospective Studies
Diseases
Auto immune disorders
Group
Autoimmune Diseases Working Party (ADWP)
Type of treatment
Autologous
Principal investigator
Riccardo Saccardi
Incidence and outcome of CMV and EBV reactivations after autologous HSCT for autoimmune diseases: a retrospective survey from the Autoimmune Diseases Working Party (ADWP) of the European Society for Blood and Marrow Transplantation (EBMT)
Study type
Retrospective Studies
Diseases
Auto immune disorders
Group
Autoimmune Diseases Working Party (ADWP)
Type of treatment

Principal investigator
Tobias Alexander

Key publications

2023
Autoimmune manifestations in VEXAS: Opportunities for integration and pitfalls to interpretation
Group
Autoimmune Diseases Working Party (ADWP)
1st listed author
Alessandro Bruno
Journal
J Allergy Clin Immunol.
2023

Outcome of SARS-CoV2 infection in hematopoietic stem cell transplant recipients for autoimmune diseases
Group
Autoimmune Diseases Working Party (ADWP)
Infectious Diseases Working Party (IDWP)
1st listed author
Raffaella Greco
Journal
J Autoimmun.
2023
Hematopoietic Stem Cell Transplantation for the Treatment of Autoimmune Neurological Diseases: An Update
Group
Autoimmune Diseases Working Party (ADWP)
1st listed author
Alice Mariottini
Journal
Bioengineering (Basel).



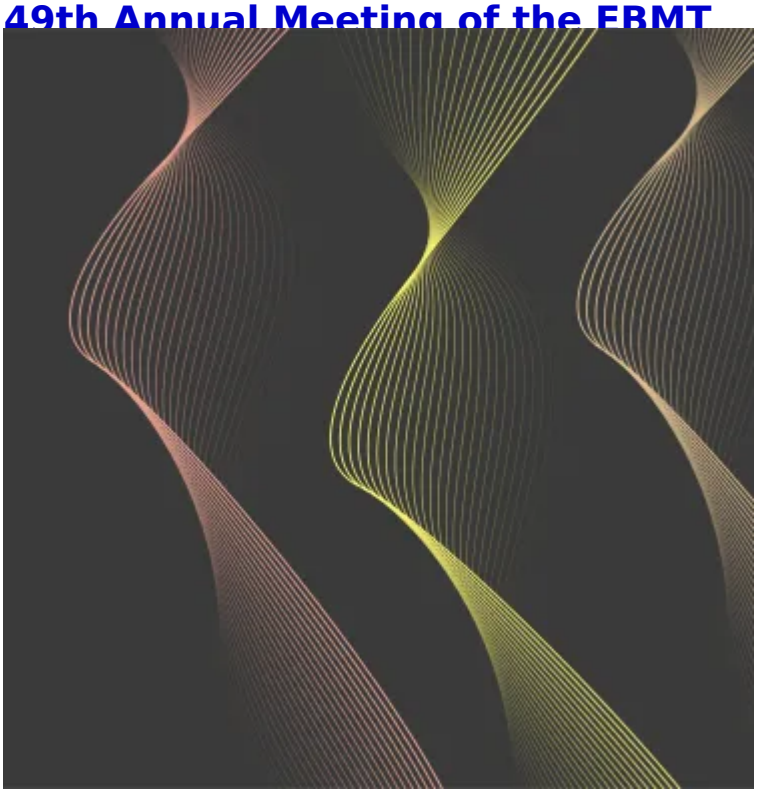
	2021	2022	2023
Oral presentations	19	22	**16**
Poster presentations	1	1	**4**
International educational events	2	3	**3**

Major educational events



Event

49th Annual Meeting of the EBMT



Event

Midterm Meeting on New indications in Immune Dysregulatory, Autoinflammatory and Autoimmune Diseases

Jun 22, 2023 - Jun 24, 2023 / Brescia, Italy
Discover more

Webinars and e-courses

HSCT in Autoimmune Diseases E-Course
Panel Discussion: Autologous HSCT in Multiple Sclerosis
VISIT THE ADWP WEBPAGE