

Breadcrumb

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Entity Print



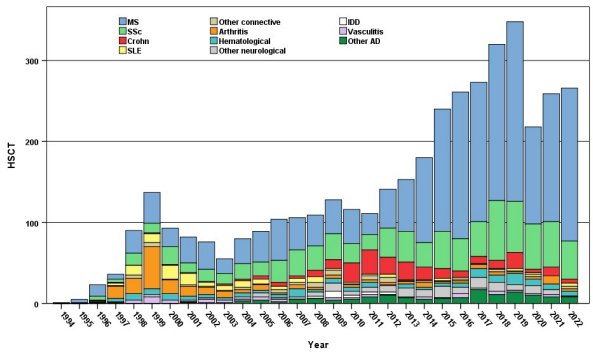
Raffaella Greco
ADWP Chair
Italy

Major achievements

Over the last 25 years, hematopoietic stem cell transplantation (HSCT) has been increasingly used to treat patients affected by severe and refractory autoimmune diseases (ADs). HSCT for ADs is recently facing a unique developmental phase across EBMT centres. Autologous HSCT has become an integral and standard-of-care

part of treatment algorithms in multiple sclerosis (MS) and systemic sclerosis (SSc). Recently, novel cellular therapies (i.e. CAR-T cells, mesenchymal cells) 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 autologous/allogeneic HSCT together with novel approaches of cellular therapy as specific treatment of severe ADs, in a specific challenge 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 4,100 HSCT registrations for ADs.



HSCT registrations for ADs Dec. 2022

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

Education is central in ADWP activities, including a successful ADWP Educational Meeting in London, and a workshop hosted by ECTRIMS: Autologous Haematopoietic Stem Cell Transplantation for Treatment of MS and Related Diseases. Moreover, a section specifically designed for ADs was developed within the EBMT e-learning platform, including a recent webinar on ‘autologous HSCT in MS’ with key experts in the field.



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

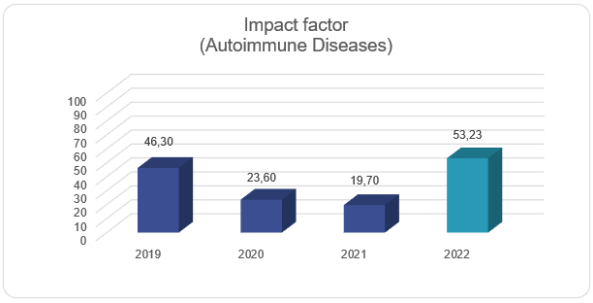
Principal investigator
Tobias Alexander

Key publications

2022
Hematopoietic stem cell transplantation and cellular therapies for autoimmune diseases: overview and future considerations from the Autoimmune Diseases Working Party (ADWP) of the European Society for Blood and Marrow Transplantation (EBMT)
Group
Autoimmune Diseases Working Party (ADWP)
1st listed author
Tobias Alexander
Journal
Bone Marrow Transplant.
2022
New insights in systemic lupus erythematosus: From regulatory T cells to CAR-T-cell strategies
Group
Autoimmune Diseases Working Party (ADWP)
1st listed author
Matteo Doglio
Journal

J Allergy Clin Immunol.
2022
Immune Reconstitution Following Autologous Hematopoietic Stem Cell Transplantation for Multiple Sclerosis: A Review on Behalf of the EBMT Autoimmune Diseases Working Party
Group
Autoimmune Diseases Working Party (ADWP)
1st listed author
Maria Teresa Cencioni
Journal
Front Immunol.
2022
Haematopoietic stem cell transplantation for severe autoimmune diseases in children: A review of current literature, registry activity and future directions on behalf of the autoimmune diseases and paediatric diseases working parties of the European Society for Blood and Marrow Transplantation
Group
Autoimmune Diseases Working Party (ADWP)
Paediatric Diseases Working Party (PDWP)
1st listed author
Federica R. Achini-Gutzwiller
Journal
BJHaem
2022
Hematopoietic Stem Cell Transplantation and Cellular Therapies for Autoimmune Diseases
Group
Autoimmune Diseases Working Party (ADWP)
1st listed author
Richard K. Burt, Dominique Farge, Milton A. Ruiz, Riccardo Saccardi, John A. Snowden
Journal
Routledge
See the full list of the ADWP 2022 publications





	2019	2020	2021	2022
Oral presentations	16	10	19	**22**
Poster presentations	2	2	1	**1**
International educational events	1	1	2	**3**

Major educational events



Event

Virtual 48th Annual Meeting of the EBMT



Event

Autoimmune Diseases Working Party Educational Meeting

Sep 22, 2022 - Sep 23, 2022 / London, United Kingdom
Discover more

Webinars and e-courses

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