EBMT Annual report 2021



ScienceEducationPatient Care & Advocacy

Our SocietyOur Mission, Vision & ValuesEquality, Diversity & InclusionEBMT

Membership 2021Organisational Structure 2021Financial Highlights 2021EBMT

Partners

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# **Entity Print**



Raffaella Greco ADWP Chair (elected May 2020, previous Chair: John Snowden) 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). The EBMT Autoimmune Diseases Working Party (ADWP; Photo 1) has been central to development of this approach, with over 3,600 HSCT registrations for

ADs (Sep 2021, Photo 2). The ADs section of the EBMT Registry is the largest database of its kind worldwide. Recent data have improved the evidence base to support autologous HSCT in multiple sclerosis, systemic sclerosis, and Crohn's disease, along with a wide range of rarer disease indications, and autologous HSCT has become an integral part of treatment algorithms in various ADs, providing treatment-free remissions by the reinduction of self-tolerance. 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, and the EBMT Nurses Group. Education is central in ADWP activities. A successful and comprehensive ADWP Educational Meeting was held on a virtual platform, due to the ongoing Covid-19 pandemic. Moreover, a section specifically designed for ADs was developed within the EBMT e-learning platform, covering all important aspects of HSCT in relation to the pathophysiology and therapy of ADs, including current and future indications, immunological mechanisms and novel targets.

### **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

<u>Autologous</u>

Principal investigator

Riccardo Saccardi

LATE COMPLICATIONS AFTER AUTOLOGOUS HSCT FOR AUTOIMMUNE DISEASES: a retrospective survey from the Autoimmune Diseases Working Party (ADWP) and Transplant Complications Working Party (TCWP) of the European Society for Blood and Marrow Transplantation (EBMT)

Study type

**Retrospective Studies** 

<u>Diseases</u>

-Group

Autoimmune Diseases Working Party (ADWP)

Transplant Complications Working Party (TCWP)

Paediatric Diseases Working Party (PDWP)

Type of treatment

<u>Autologous</u>

Principal investigator

Kirill Kirgizov

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

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Group

Autoimmune Diseases Working Party (ADWP)

Type of treatment

<u>Autologous</u>

Principal investigator

<u>Pr Dominique Farge</u>

Observational Study in Multiple Sclerosis patients treated with autologous

hematopoietic stem cell Transplantation (OMST)

Study type

Non-interventional Prospective Studies

Diseases

Auto immune disorders

<u>Group</u>

Autoimmune Diseases Working Party (ADWP)

Type of treatment

<u>Autologous</u>

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

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Principal investigator

**Tobias Alexander** 

### **Key publications**

2021

Hematopoietic stem cell transplantation for autoimmune diseases in the time of

COVID-19: EBMT guidelines and recommendations

Group

Autoimmune Diseases Working Party (ADWP)

Infectious Diseases Working Party (IDWP)

Paediatric Diseases Working Party (PDWP)

JACIE Working Party

**Patient Advocacy Committee** 

**Nursing Research Committee** 

1st listed author

Raffaella Greco

Journal

Bone Marrow Transplant.

2021

<u>Autologous Stem Cell Transplantation for Progressive Systemic Sclerosis: A</u>

Prospective Non-Interventional Study From the European Society for Blood and

Marrow Transplantation Autoimmune Disease Working Party

Group

Autoimmune Diseases Working Party (ADWP)

1st listed author

Joerg Henes

<u>Journal</u>

Haematologica.

2021

Intestinal Microbiome in Hematopoietic Stem Cell Transplantation For Autoimmune Diseases: Considerations and Perspectives on Behalf of Autoimmune Diseases

Working Party (ADWP) of the EBMT

Group

Autoimmune Diseases Working Party (ADWP)

1st listed author

**Tobias Alexander** 

Journal

Front. Oncol.

2021

Autologous Hematopoietic Stem Cell Transplantation for Behçet's Disease: A
Retrospective Survey of Patients Treated in Europe, on Behalf of the Autoimmune
Diseases Working Party of the European Society for Blood and Marrow
Transplantation

Group

Autoimmune Diseases Working Party (ADWP)

1st listed author

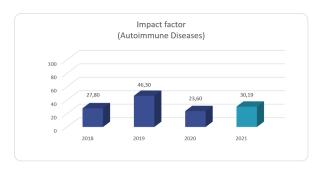
Mathieu Puyade

Journal

Front Immunol.

See the full list of the ADWP 2021 publications





#### 2019 2020 2021

Oral presentations 16 10 19

Poster presentations 2 2 1

International educational events 1 1 2



#### **Event**

#### **Autoimmune Diseases Working Party Educational Meeting**

Sep 23, 2021 - Sep 24, 2021 / VIRTUAL MEETING Discover more

# Webinars and e-courses

