



# THE USE OF CELL THERAPIES FOR AUTOIMMUNE DISEASES: CAR-T FROM BIOLOGY TO CLINICAL APPLICATION

October 16–17, 2025, Paris, France




## COURSE OVERVIEW

The 1.5-day in-person Cell Therapies for Autoimmune Diseases: CAR-T from Biology to Clinical Application Course is designed for clinicians, clinical scientists, medical students, and researchers dedicated to translating CAR-T cell therapies from research to clinical practice. Led by pioneers in CAR-T cell development and application, including Bruce Levine, Georg Schett, and Franco Locatelli, the course focuses on the application of CAR-T cell therapies for autoimmune diseases, including severe lupus, myositis, systemic sclerosis, juvenile dermatomyositis, multiple sclerosis, and more.

## WHO IT IS DESIGNED FOR

- Clinical researchers, clinicians and physicians engaging in the translation of CAR-T cell for clinical applications
- Medical students aiming to broaden their knowledge and advancement of CAR-T cell therapy

## DELIVERY METHOD

-  In-person
-  1.5-day course  
October 16–17, 2025
-  Verniquet Amphitheatre  
Muséum national d'Histoire naturelle  
57 rue Cuvier, 75005 Paris, France



10 Hours of Continuing Education (CE) / CMLE Hours



[www.isctglobal.org/workforce-development](http://www.isctglobal.org/workforce-development)

Scan this QR code for more information about the course

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## DAY 1: October 16, 2025

11:15-12:00 **REGISTRATION**  
*Arrival Coffee*

### 1ST SESSION: INTRODUCTION TO CAR-T IN AUTOIMMUNE DISEASES

*Chairs:*

**Dominique Farge, MD, PhD**

*ISCT Regional Vice-President- Elect, Europe  
Internal Medicine, St Louis Hospital, Paris-Cité University, France, and*

**Fermin Sanchez-Guijo, MD, PhD**

*Department of Medicine, University of Salamanca, Department of Hematology University Hospital Salamanca, Spain*

### 12:00-12:30 **OVERVIEW OF CAR-T CELL THERAPY: PAST, PRESENT AND FUTURE OF CAR-T**

*Speaker: **Bruce Levine, PhD***

*Barbara and Edward Netter Professor, University of Pennsylvania, US*

### 12:30-13:00 **B CELL AND AUTOIMMUNITY**

*Speaker: **Karin Tarte, Pharm D, PhD***

*Director UMR U1236-MOBIDIC, Head of Honeycomb Research Team, Head of the Immunology Lab at Rennes University Hospital, Head of Rennes Immunomonitoring Platform (SITI), Medical School of Rennes, France*

### 13:00-13:30 **TARGETED BIOLOGICAL THERAPIES IN AUTOIMMUNE DISEASES**

*Speaker: **Tobias Alexander, MD***

*Senior Physician, Head of the Rheumatology Outpatient Clinic, Charité – Berlin University Medicine, Germany*

### 13:30-14:00 **CAR-T IN AUTOIMMUNE DISEASES: FROM CONCEPT TO REALITY**

*Speaker: **Georg Schett, MD, PhD***

*Vice President of Research & Head of Department of Internal Medicine, University of Erlangen–Nuremberg, Germany*

14:00-14:20 **INTERACTIVE PANEL DISCUSSION**

14:20-15:00 **Break**

### 2ND SESSION: THE SUCCESS STORY: CAR-T CELL THERAPY IN SLE

*Chairs:*

**Georg Schett, MD, PhD**

*Vice President of Research & Head of Department of Internal Medicine, University of Erlangen–Nuremberg, Germany, and*

**Franco Locatelli, MD, PhD**

*Director of the Department of Pediatric Hematology and Oncology, IRCCS Bambino Gesù Children's Hospital, Italy*

### 15:00-15:25 **SLE TREATMENT AND PROGNOSIS**

*Speaker: **Andrea Doria, MD, PhD***

*Head of the Rheumatology Unit, Department of Medicine, Padova University School of Medicine, Italy*

### 15:25-15:50 **CAR-T ANTI-CD19 IN SEVERE LUPUS**

*Speaker: **Fabian Muller, MD***

*Head of Research Group in Molecular Immunotherapy, University Hospital Erlangen, Germany*

### 15:50-16:15 **CAR-T REGS IN LUPUS**

*Speaker: **Raffaella Greco, MD***

*Senior Hematologist, Hematology & Bone Marrow Transplantation, IRCCS San Raffaele Hospital, Italy*

### 16:15-16:40 **CONSIDERATIONS ON LYMPHODEPLETION FOR AUTOIMMUNE DISEASE PATIENTS**

*Speaker: **Jaap Boelens, MD, PhD***

*Chief Pediatric-Oncologist, Transplantation and Cellular Therapies, Memorial Sloan Kettering Cancer Center, USA*

### 16:40-17:05 **IMMUNE MONITORING AND IMMUNE RECONSTITUTION AFTER CAR-T INJECTION IN AUTOIMMUNE DISEASES**

*Speaker: **Andreas Mackensen, MD***

*Deputy Director of the CCC Erlangen-EMN, Director of the Medical Clinic 5 (Hematology and Internal Oncology), University Hospital Erlangen, Germany*

17:05-17:35 **INTERACTIVE PANEL DISCUSSION**

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## DAY 2: October 17, 2025

### 3RD SESSION: CAR-T CELLS IN OTHER RHEUMATIC DISEASES: EARLY CLINICAL EXPERIENCES AND PATIENT SELECTION

Chairs:

**Andreas Mackensen, MD**

Deputy Director of the CCC Erlangen-EMN, Director of the Medical Clinic 5 (Hematology and Internal Oncology), University Hospital Erlangen, Germany, and

**Oliver Distler, MD, PhD**

Director of the Department of Rheumatology, University Hospital Zurich, Switzerland

#### 09:00-09:15 IS THERE A PLACE FOR CAR-T IN RHEUMATIC ARTHRITIS

Speaker: **Doron Rimar, MD**

Senior Physician, Director of the Rheumatology Daycare Center, Bnai Zion Medical Center, Israel

#### 09:15-09:30 CAR-T FOR MYOSITIS & INTERSTITIAL LUNG DISEASE

Speaker: **Jörg Henes, MD, PhD**

Head of the Rheumatology Department, Senior Physician of the Department of Medical Clinic II, University of Tübingen, Germany

#### 09:30-09:45 CAR-T IN SCLERODERMA

Speaker: **Alain Lescoat, MD, PhD**

Department of Internal Medicine and Clinical Immunology, Rennes University Hospital, France

#### 09:45-10:00 CAR-T IN JUVENILE DERMATOMYOSITIS

Speaker: **Franco Locatelli, MD, PhD**

Director of the Department of Pediatric Hematology and Oncology, IRCCS Bambino Gesù Children's Hospital, Italy

#### 10:00-10:15 PATIENT SELECTION AND ADWP EBMT GUIDELINES FOR CLINICAL PRACTICES

Speaker: **Dominique Farge, MD, PhD**

ISCT Regional Vice-President- Elect, Europe Internal Medicine, St Louis Hospital, Paris-Cité University, France

#### 10:15-10:45 INTERACTIVE PANEL DISCUSSION

#### 10:45-11:15 Break

### 4TH SESSION: CAR-T IN NEUROLOGICAL AUTOIMMUNE DISEASES

Chairs:

**Paolo Muraro, MD, PhD**

Neuroimmunology and Neurology, Department of Brain Sciences – Faculty of Medicine, Imperial College London, and

**Dimitrios Mougiakakos, MD, PhD**

Clinical Director, Center for Internal Medicine, Department of Hematology, Oncology and Cell Therapy, University Hospital Magdeburg

#### 11:15-11:40 B CELL TARGETED THERAPY IN INFLAMMATORY AUTOIMMUNE DISEASES OF THE CNS

Speaker: **Aiden Haghikia, MD, PhD**

Clinical Director, Department of Neurology, University Hospital Magdeburg, Germany

#### 11:40-12:05 RESETTING THE IMMUNE REPERTOIRE IN NEUROLOGICAL AUTOIMMUNE DISEASES

Speaker: **Paolo Muraro, MD, PhD**

Neuroimmunology and Neurology, Department of Brain Sciences – Faculty of Medicine, Imperial College London

#### 12:05-12:30 CAR-T IN MULTIPLE SCLEROSIS

Speaker: **Christoph Heesen, MD, PhD**

Clinical and Rehabilitative MS Research, Head of Multiple Sclerosis Day Hospital, University Medical Center Hamburg-Eppendorf, Germany

#### 12:30-12:55 CAR-T IN MYASTHENIA GRAVIS, MNO AND STIFF SYNDROME

Speaker: **Dimitrios Mougiakakos, MD, PhD**

Clinical Director, Center for Internal Medicine, Department of Hematology, Oncology and Cell Therapy, University Hospital Magdeburg

#### 12:55-13:15 INTERACTIVE PANEL DISCUSSION

#### 13:15-14:00 Lunch

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## DAY 2: October 17, 2025 (continued)

### 5TH SESSION: TRANSLATION FROM THE DEVELOPERS TO THE CLINICIANS

Chairs:

**Ibrahim Yakoub-Agha, MD, PhD**

Head of the Hematopoietic Cell Transplantation and Cellular Therapy Unit, Lille University, France, and

**Fermin Sanchez-Guijo, MD, PhD**

Department of Medicine, University of Salamanca, Department of Hematology University Hospital Salamanca, Spain

**14:00-14:20** **STATISTICAL CONSIDERATIONS FOR OPTIMAL CAR-T CLINICAL TRIAL DESIGN IN RARE AUTOIMMUNE DISEASES**

Speaker: **Lucie Biard, MD, PhD**

Department of Biostatistics, St Louis Hospital, Paris-Cité University, France

**14:20-14:40** **CLINICAL AND FINANCIAL CHALLENGES FOR CAR-T CELL IN AUTOIMMUNE DISEASES**

Speaker: **Bruce Levine, PhD**

Barbara and Edward Netter Professor, University of Pennsylvania, USA

**14:40-15:05** **CELL MANUFACTURING IN THE ACADEMIC SETTING**

Speaker: **Manel Juan, MD, PhD**

Head of Immunology Department, Hospital Clínic, Barcelona, Spain

**15:05-15:25** **REGULATORY CHALLENGES AND FRAMEWORK FOR CAR-T APPLICATION IN EUROPE (EMA)**

Speaker: **Cristina Avendaño, MD, PhD**

Head of Clinical Pharmacology Department, Puerta de Hierro University Hospital, Spain

**15:25-15:45** **HOW TO DEAL WITH EXISTING REGISTRIES REPORTS AND REAL WORLD DATA ANALYSIS?**

Speaker: **Raffaella Greco, MD**

Senior Hematologist, Hematology & Bone Marrow Transplantation, IRCCS San Raffaele Hospital, Italy

**15:45-16:00** **COURSE WRAP UP**

**Dominique Farge, MD, PhD**

**Fermin Sanchez-Guijo, MD, PhD**

**Bruce Levine, PhD**

## COURSE DIRECTORS



**DOMINIQUE FARGE, MD, PHD**

ISCT Europe Regional Vice-President-Elect  
Internal Medicine, St Louis Hospital,  
Paris-Cité University  
France



**FERMIN SANCHEZ-GUIJO, MD, PHD**

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Department of Medicine, University of Salamanca,  
Department of Hematology,  
University Hospital Salamanca  
Spain



**BRUCE LEVINE, PHD**

ISCT Past President  
Barbara and Edward Netter Professor  
University of Pennsylvania  
United States

## PLANNING FACULTY

**Dominique Farge, MD, PhD**

ISCT Europe Regional Vice-President-Elect  
Internal Medicine, St Louis Hospital, Paris-Cité University, France

**Raffaella Greco, MD**

EBMT Secretary and Immediate Past Chair of Autoimmune Diseases Working Party  
Senior Hematologist, Hematology & Bone Marrow Transplantation, IRCCS San Raffaele Hospital, Italy

**Bruce Levine, PhD**

ISCT Past President  
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**Andreas Mackensen, MD**

Deputy Director of the CCC Erlangen-EMN, Director of the Medical Clinic 5 (Hematology and Internal Oncology), University Hospital Erlangen, Germany

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