

Place: ONLINE.
Duration: 9 hours.
Max enrollment: 200 students.
Prize: 20 €.

REGISTRATION RULES

Please complete the Registration Form at the official website: <https://www.um.es/unimar>
Payment Methods: Credit Card (Website) Cash – only in person: Download the Payment form. Fill in the form and return it with your payment to Universidad Internacional del Mar. **Banks:** Banco Sabadell, Bankia, Cajamar and Banco Santander. Once payment is made you will be enrolled in the course. Students must be enrolled and have a regular attendance to obtain the diploma or its equivalent.

SUMMARY

The COVID-19 pandemic has changed our lives and the style of life of the individuals and the society. It has defied the health care systems and the socio-economic welfare model. This year we have suffered terrible losses in human lives and we have confronted a new viral devastating disease. Therefore, the aim of this year's course is to spread the scientific knowledge of the SARS-CoV-2 infection and its treatment. Also, we will analyze the impact of the pandemic in different social aspects including education and research. We will discuss the role of Cell therapy in this disease and its eventual applications.

The course is intended to provide a review of current knowledge of COVID-19 disease with experts in the field and to present different treatment approaches including cell therapy.

TARGET GROUP

Collective of health professionals and students: haematologists and physicians of any other specialty interested in advanced therapies, as well as health professionals, researchers and university students of health and health-related degrees. Other target groups are not professionals: groups involved who benefit from the information being shared in this course, such as patient associations, industry, companies, students, as well as other people and sectors of the population, with curiosity in the scientific field, who want obtain objective, critical and useful information to lay the foundations of appropriate knowledge.

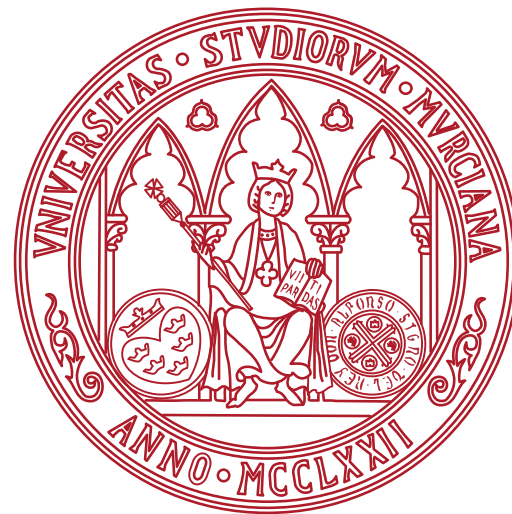
DIRECTORS

Prof. José María Moraleda Jiménez. Professor of Medicine. University of Murcia. Head Dpt. of Hematology and HSCT Program. Institute of Biomedical Research of Murcia - IMIB, Vigen de la Arrixaca University Hospital. Murcia, Spain.

Prof. Salvador Martínez Pérez. Director Institute of Neurosciences. UMH-CSIC. Professor of Human Anatomy and Embryology. University Miguel Hernández. Elche, Spain.

Prof. Damián García Olmo. Professor of Surgery. Chief of Department of Surgery. Fundación Jiménez Díaz University Hospital. Autonomous University of Madrid, Spain.

Prof. Robert Sackstein. Dean of the Herbert Wertheim College of Medicine and Senior VP for Health Affairs. Florida International University. Miami, FL, USA.



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UNIVERSIDAD
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de Excelencia Internacional

ONLINE

CELL THERAPY FROM THE BENCH TO THE BEDSIDE AND RETURN

Directors

Prof. José María Moraleda Jiménez.
Prof. Salvador Martínez Pérez.
Prof. Damián García Olmo.
Prof. Robert Sackstein.

LOS ALCÁZARES

From september 30th to october 2nd

Actividades y
Cursos de Verano
37ª edición
2020

UNIVERSIDAD DE
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GOBIERNO DE ESPAÑA
MINISTERIO DE CIENCIA E INNOVACIÓN

ISCI
Instituto de Salud Carlos III

Wednesday 30

COVID-19 DISEASE. CELL THERAPY: SCIENTIFIC BASIS FOR ITS THERAPEUTIC USE

15:50 h. Opening Session.

SESSION 1. COVID-19 DISEASE

16:00 h. SARS-CoV-2 Virological aspects.

Prof. Antonio Moreno Docón. Professor of Medicine. University of Murcia. IMIB-Arrixaca, Virology Dpt. Microbiology Service. Virgen de la Arrixaca University Hospital. Murcia, Spain.

16:15 h. Covid Disease Immunopathogenesis. The role of the immune system.

Prof. Agustín Zapata González. Professor of Cell Biology. Complutense University of Madrid, Spain.

16:30 h. Covid Disease. Lymphocyte quality and subtype matters. New findings.

Prof. Bruno Paiva. Professor of Medicine. University of Navarra. Pamplona, Spain.

16:45 h. Covid Disease. Lymphocyte numbers matter. Immunobiology of Lymphopenia.

Prof. Robert Sackstein. Dean of the Herbert Wertheim College of Medicine and Senior VP for Health Affairs. Florida International University. Miami, FL, USA.

17:00 h. Covid Disease. The impact on the coagulation system. Immunothrombosis.

Prof. Víctor Jiménez Yuste. Professor of Hematology. Autonomous University. University Hospital La Paz. Madrid, Spain.

17:15 h. Covid Disease. Clinical Diagnosis and treatment. State of the art.

Prof. Santiago Moreno Guillén. Professor of Medicine. Head Infectious disease Dpt. Ramón y Cajal University Hospital. Madrid, Spain.

17:30 h. Debate session: Questions' time & Discussion.

Prof. Francisco José Ruiz López. Professor of Medicine. University of Murcia. IMIB-Arrixaca, Head Neumology Dpt. Virgen de la Arrixaca University Hospital. Murcia, Spain.

SESSION 2. COVID-19. EXPERIMENTAL THERAPY APPROACHES

17:45 h. Covid Disease. Convalescent plasma treatment.

Prof. Rafael Duarte Palomino. Head Clinical Hematology. University Hospital Puerta de Hierro. Madrid, Spain.

18:00 h. Covid Disease. Endothelial protection approaches. Defibrotide.

Prof. José María Moraleda Jiménez. Professor of Medicine. University of Murcia. Head Dpt. of Hematology and HSCT Program. Institute of Biomedical Research of Murcia - IMIB, Vigen de la Arrixaca University Hospital. Murcia, Spain.

18:15 h. Covid Disease. Anti-stress cell therapy with 4 phenilbutirate.

Prof. Iván Durán. Professor of Cell Biology. University of Málaga, Spain.

18:30 h. SARS-CoV-2 Experimental viral block approaches in micro-organs/organoids.

Prof. Núria Montserrat Pulido. Principal investigator. Institute for Bioengineering of Catalonia (IBEC). Barcelona, Spain.

18:45 h. Debate session: Questions' time & Discussion.

Prof. Elisa García Vázquez. Professor of Medicine. University of Murcia. IMIB-Arrixaca, Head Infectious disease Dpt. Virgen de la Arrixaca University Hospital Murcia, Spain.

Thursday 1

MSC THERAPY AGAINST COVID-19

16:00 h. MSC the biological power of a cell medicine. Rationale of use in COVID-19.

Prof. Felipe Prósper Cardoso. Director of Cell Therapy Department. Co-director Hematology Department. University of Navarra, Spain.

16:15 h. MSC Against Covid Disease. Spanish preliminary experience of TerCel (adipose tissue MSC).

Prof. Fermín Sánchez-Guijo. M of Salamanca, Spain.

16:30 h. MSC Against Covid Disease. USA preliminary experience (bone marrow MSC)

Prof. Keren Osman. Medical Director. Cellular Therapy Service. Tisch Cancer Institute at Mount Sinai. Assistan Professor of Medicine. Icahn School of Medicine at Mount Sinai. New York, USA.

16:45 h. MSC can transcend perianal Crohn's disease. How colo-rectal surgeons can help in the Covid-19 crisis.

Prof. Amy Lightner. Associate Professor of Colorectal Surgery. Digestive Disease Institute. Cleveland Clinic. Cleveland, USA.

17:00 h. MSC Against Covid Disease. Bone marrow as source for the treatment of COVID.

Prof. Javier García-Sancho Martín. Professor of Physiology. School of Medicine. Institute of Biology and Molecular Genetics. (IBGM). University of Valladolid, Spain.

17:15 h. MSC Against Covid Disease. Wharton jelly as a source for the treatment of COVID.

Prof. Joan García López. ISCT Regional Vice-President. Director of Research and Education. Banc de Sang y Teixits. Barcelona, Spain.

17:30 h. MSC Against Covid Disease. A world's overview.

Prof. Mariano García Arranz. Senior Scientist. Fundación Jiménez Díaz University Hospital. Autonomous University of Madrid. Madrid, Spain.

17:45 h. Lymphocyte cell treatment against Covid disease.

Prof. Antonio Pérez Martínez. Head Department of Pediatric Hematology. University Hospital La Paz. Madrid, Spain.

18:00 h. Covid-19. Long term impact on body oxygen sensing.

Prof. Juan José Toledo Aral. Professor of Physiology. Director of the Dpt. of Medical Physiology and Biophysics. Institute of Biomedical Research of Seville. IBiS, Virgen del Rocío Hospital/CSIC/University of Sevilla, Spain.

18:15 h. Covid Disease. Experimental clinical trials. proposals in Spain.

Prof. César Hernández García. Head Department of Clinical Trials. Spanish Agency of Medicaments and Health Products. Spain.

18:30 h. Debate session: Questions' time & Discussion.

Prof. Alejandro Madrigal. Professor of Haematology, UCL Cancer Institute. Honorary Consultant, Royal Free NHS Trust. UCL, London, UK.

Prof. Damián García Olmo. Professor of Surgery. Chief of Departament of Surgery. Fundación Jiménez Díaz University Hospital. Autonomous University of Madrid, Spain.

Friday 2

COVID IMPACT IN THE HUMAN BODY, THE HEALTH CARE SISTEM AND SOCIETY

16:00 h. Covid-19 Long term impact on the respiratory system.

Prof. Rubén Jara Rubio. Professor of Medicine. University of Murcia. IMIB-Arrixaca. Head intensive care Unit. Virgen de la Arrixaca University Hospital. Murcia, Spain.

16:15 h. Covid-19 Long term impact on the Cardiovascular system.

Prof. Francisco Fernández-Avilés. Professor of Cardiology. Complutense University of Madrid. Head cardiology Dpt. University Hospital Gregorio Marañón. Madrid, Spain.

16:30 h. Covid-19 Long term impact on the central nervous system.

Prof. Salvador Martínez Pérez. Professor of Neurosciences. Director Neurosciences institute. Miguel Hernández University. Alicante, Spain.

16:45 h. Debate session: Questions' time & Discussion.

Prof. Bartolomé García Pérez. Professor of Medicine. University of Murcia. Head Internal Medicine Dpt. Virgen de la Arrixaca University Hospital. Murcia, Spain.

17:00 h. Covid-19 National Epidemiologic study and its impact on public health.

Prof. Raquel Yotti Álvarez. Director. Institute of Health Carlos III. Ministry of Science and Innovation. Spain.

17:15 h. Covid-19 impact on the Spanish Transplant System.

Prof. Beatriz Domínguez-Gil. Director. National Transplant Organization (ONT). Madrid, Spain.

17:30 h. Covid-19 Impact on the health care workers and patients. A bidirectional view.

Prof. María Dolores Caballero Barrigón. Professor of Hematology. University of Salamanca, Spain.

17:45 h. Covid-19 A continuous evolutionary challenge.

Prof. José Sebastián Carrión García. Professor of Evolutive Biology. University of Murcia, Spain.

18:00 h. Covid-19 impact on the Spanish Advanced Therapy Program.

Prof. María Dolores Fraga Fuentes. General Sub-Director of Basic Portfolio of National Health Services and Pharmacy. Ministry of Health, Consumption and Social Welfare, Spain.

18:15 h. Debate session: Questions' time & Discussion.

Prof. José María Moraleda Jiménez. Professor of Medicine. University of Murcia. Head Dpt. of Hematology and HSCT Program. Institute of Biomedical Research of Murcia - IMIB, Vigen de la Arrixaca University Hospital. Murcia, Spain.

Prof. Salvador Martínez Pérez. Professor of Neurosciences. Director Neurosciences institute. Miguel Hernández University. Alicante, Spain.

Prof. Damián García Olmo. Professor of Surgery. Chief of Departament of Surgery. Fundación Jiménez Díaz University Hospital. Autonomous University of Madrid, Spain.

18:30 h. Closing ceremony.

