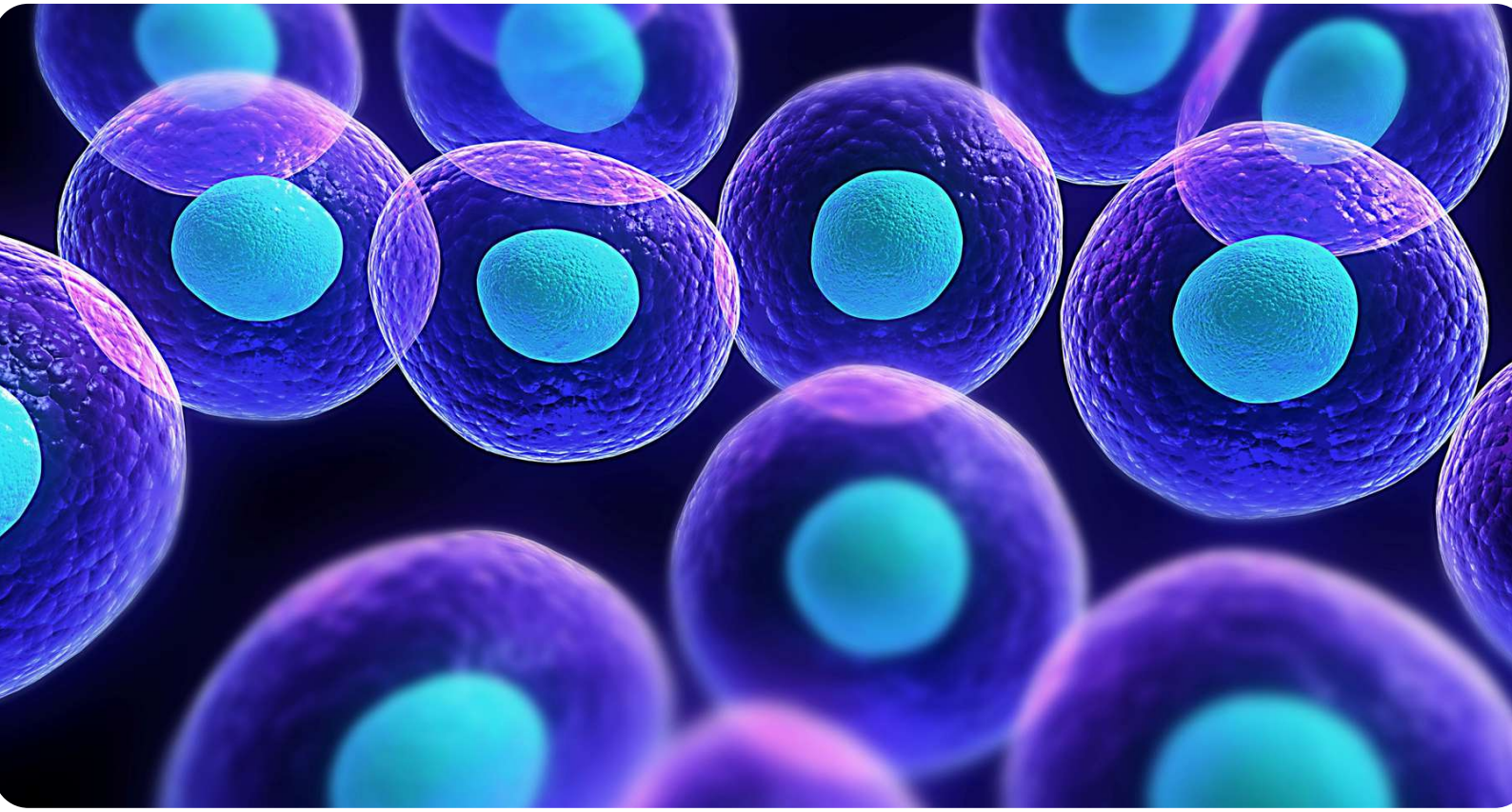
Tentative Program

Advances In

Cell & Stem Cell Research Congress

November 28-29, 2018 Barcelona, Spain



PULSUS

40 Bloomsbury Way, Lower Ground Floor, London, UK.

E: stemcellresearch@pulsusevents.org

T: +1-408-429-2646

https://stemcells.cmesociety.com

PULSUS

WWW.PULSUSCONFERENCE.COM

- Interactive Sessions
- Workshops/Symposiums
- Exhibitors
- Keynote/Plenary Lectures
- YRF/Best Poster Awards
- B2B Meetings

Tentative Program

Welcome Message



Dear Stem Cell Research Professionals:

It is with immense pleasure and gratitude that I undertake this extraordinary opportunity to introduce you to the **Advances in Cell & Stem Cell Research** 2018 series for this year to he held on **November 28-29, 2018** in **Barcelona, Spain**. I must admit that as a Reproductive Specialist in various forms of Assisted Reproductive Technologies and the "**Father of Andrology**", I have been very actively involved in the areas of Assisted Reproductive Technologies, Procreation and the Reproductive Medicine arena for over 45 years, particularly working in the diagnosis and treatment of human infertility with emphasis in male infertility and possible modes for establishing and maintaining a pregnancy. As the "Father of Andrology", I am considered as one of the top world experts on the use of various modalities in the enhancement of male fertility aiming towards human procreation. Stem cells are and will be part of our future efforts in enhancing a number of different mechanisms in the treatment of infertility and promoting male fertility.

In reviewing all of the aims and scope of the Conference on Advances in Cell & Stem Cell Research 2018 series to he held on November 28-29, 2018 in Barcelona, Spain. I see very clearly that it offers a rather unique opportunity to provide researchers and other with professional guidance and support on matters relating to the scope of their clinical practice and to be brought up to date on the most current happenings in medicine and the various Advances in Cell & Stem Cell Research areas. It is with this spirit and scope that I highly recommend to everyone in attending and participating at this extraordinary and one of a kind conference.

Best Wishes,
Prof. Dr. Panos Zavos,
Director & Chief of Andrology,
Andrology Institute of America
http://www.androlog yinstituteofamerica.org

- Interactive Sessions
- Workshops/Symposiums
- Exhibitors
- Keynote/Plenary Lectures
- YRF/Best Poster Awards
- B2B Meetings

Tentative Program

Advances in Cell & Stem Cell Research Congress	
November 28-29, 2018 | Barcelona, Spain	
Event at a Glance	
Day-01 November 28, 2018	
08.00-09.00	Registration
09.00-09.15	Introduction
Keynote Session	
09.15-10.45	3 Keynote Speakers (30 Mins Each)
Panel Discussions/Group Photo	
Refreshments and Networking Break @ 10.45-11.00	
Sessions: Cell Biology | Cellular and Gene Therapy | Cell & Organ Engineering | Cell & Organ Regeneration	
11.00-12.40	4 Speakers (25 Mins Each)
Lunch Break @ 12.40-13.30	
Sessions: Tissue Science and Engineering | Tissue Repair and Regeneration | Regenerative Medicine | Artificial Organs	
13.30-15.35	5 Speakers (25 Mins Each)
Refreshments and Networking Break @ 15.35-15.50	
Sessions: Anti-Aging Medicine | Biomaterial and Bioengineering | Cancer Cell Biology | Future of Cancer Cure	
15.50-17.30	4 Speakers (25 Mins Each)
Day-02 November 29, 2018	
Keynote Session	
09.15-09.15	2 Keynote Speakers (30 Mins Each)
Panel Discussions/Group Photo	
Refreshments and Networking Break @ 10.15-10.35	
Sessions: Stem Cells Biology | Induced Pluripotent Stem Cells | Hematopoietic and Embryonic Stem Cells	
10.35-12.40	5 Speakers (25 Mins Each)
Lunch Break @ 12.45-13.30	
Sessions: Stem Cell Technologies and Therapy| Advancements and Application of Stem Cells | Commercialization and Marketing| Ethical Issues and Challenges	
13.30-15.35	5 Speakers (25 Mins Each)
Refreshments and Networking Break @ 15.30-15.45	
15.45-16.45	Poster Presentation
NOTE: Program Schedule is subject to change with final allotment of the speaker slots	

Note: Workshops and Symposia slots are available. To book slot for Workshop and Symposium send us the proposal

- Interactive Sessions
- Workshops/Symposiums
- Exhibitors
- Keynote/Plenary Lectures
- YRF/Best Poster Awards
- B2B Meetings

Tentative Program

Major Scientific Sessions

- Cell Biology
- Cell and Organ Engineering
- Tissue Science and Engineering
- Cancer Cell Biology
- Artificial Organs
- Anti-Aging Medicine
- Stem Cells Biology
- Stem Cell Therapy
- Hematopoietic and Embryonic Stem Cells
- Commercialization and Marketing Around the Globe
- Cellular and Gene Therapy
- Cell and Organ Regeneration
- Tissue Repair and Regeneration
- Future of Cancer Cure
- Regenerative Medicine
- Biomaterial and Bioengineering
- Stem Cell Technologies
- Induced Pluripotent Stem Cells
- Advancements and Application of Stem Cells
- Ethical Issues and Challenges Around the Globe

For Detailed Session & Sub-Session, Kindly Visit:

Call For Abstract : https://stemcells.cmesociety.com/call-for-abstracts
Abstract Submission: https://stemcells.cmesociety.com/abstract-submission
Registration: https://stemcells.cmesociety.com/registration





Contact Us
Roshan Robert
Program Director | Stem Cell Research 2018
E: stemcellresearch@pulsusevents.org
Toll Free:0-800-088-5419 , **Tel:**+1-408-429-2646

PULSUS
40 Bloomsbury Way, Lower Ground Floor
London, United Kingdom
WC1A 2SE

- Interactive Sessions
- Workshops/Symposiums
- Exhibitors
- Keynote/Plenary Lectures
- YRF/Best Poster Awards
- B2B Meetings

Tentative Program

Title: RegenerAge System: Therapeutic effects of combinatorial biologics (mRNA and allogenic MSCs) with a spinal cord stimulation system on a patient with spinal cord section.

Dr Joel I. Osorio MD, *RegenerAge SAPI de CV, Mexico.*

Title: Design of 3D Bioprinted Scaffolds for Cartilage Regeneration

Dr. Jose Manuel Baena, *CEO BRECA Health Care and REGEMAT3D, Spain*

Title: Orthotopic Heart Transplant Facilitated Autologous Hematopoietic Stem Cell Transplantation for Light-chain Amyloidosis.

Prof. Rammurti Kamble, *Center for Cell and Gene Therapy (CAGT), Baylor College of Medicine and Houston Methodist Hospital, USA*

Title: Safety and Efficacy of Autologous Cord Blood Intrathecal Transplantation for Children with Autism Spectrum Disorder

Dr. Gocha Shatirishvili, *Medical Director, Cord Blood Bank Geocord, Georgia*

Title: GATA2 directly represses cardiac fates to promote hematopoietic specification of human mesoderm

Dr. Giorgetti Alessandra, *CMRB, Spain*

Title: Clinical application of Deglycation molecule in Antiaging practice :The latest innovation for longevity in 21 St century.

Dr. Sarittha Somsup, *General Director, Naspril Intertrade, Thailand*

Title: Advancing the induced pluripotent stem cell (iPSC) model to understand human biology and disease

Dr. Michael Edel, *Group Leader and Accredited Associate Professor, University of Barcelona, Spain*

Tentative Program

Organizing Committee Memeber



Prof. Dr. Panayiotis Zavos

Director & Chief of Andrology, Andrology Institute of America

Prof. Dr. Panayiotis Zavos is a highly educated and motivated individual. He received his B.S. degree in Biology, his M.S. degree in Biology-Physiology and his Education Specialist in Science degree (Ed.S.) from Emporia State University. He earned his Ph.D. degree in Reproductive Physiology (Medicine), Biochemistry and Statistics from the University of Minnesota in the Twin Cities, USA. He also earned an MBA degree. He is currently a Professor Emeritus at the University of Kentucky in Reproductive Physiology/Andrology and other Assisted Reproductive Technologies (ARTs). He was awarded the first ever Honorary Professorship by the Chinese Academy of Science awarded to an American Scientist by the Chinese Academy of Science. He was also awarded an Honorary Professorship by the Venkateshwara Institute of Medical Sciences (Shri Venkateshwara University), one of the leading Medical Institutions in India. Prof. Zavos is also the Honorary Chairman of the Zavos Organization, USA, the Director and Chief of Andrology at the Andrology Institute of America, President and CEO, of FTI, Inc. USA, Founder & GM of Repromed International, and President of ZDL Global Ltd., both Cyprus Corporations. He also serves as a member of the Board of Directors and advisor of several Companies and Foundations too numerous to mention. He also has a long career as a World class reproductive specialist and he has devoted more than 40 years of his life to academia and is recognized worldwide as a leading researcher, a public speaker, a pioneer and a strong authority in the areas of male reproductive medicine, gamete physiology, male infertility, smoking and reproduction, Andrology and study of human reproduction along with other ART procedures, including ICSI, PGD, SCNT and other state-of-the-ART procedures. Dr. Zavos is also recognized as an international authority on reproductive somatic cell nuclear transfer, embryonic stem cells and their use in the treatment of human diseases and creation of human organs for human homotransplantation.

Dr Joel I. Osorio

RegenerAge SAPI de CV, Mexico.



Dr. Dr. Osorio is an innovative businessman with a distinct entrepreneurial mindset concentrated adding value on areas of Biotechnology (mRNA), Reprogramming & Regenerative Medicine for translational use in humans and a variety of clinical applications aimed for both the private and the public health sectors. Dr. Osorio is the Founder, President, and CEO of RegenerAge Clinic and RegenerAge Beauty initiatives for transnational implementations. Vice President and International Clinical Developer for Bioquark, Inc. Executive Vice President: Chairman of the WAMS Americas Division, member of the WAMS Executive Council (WAMS Executive Board), a member of the WAMS Education & Training Board (ETB), a member of the WAMS Editorial Board, an Honorary Member of the Academy Faculty FWAMS, an Honorary Fellow of the Academy & is also a Senior Partner at WAMS, The World Academy of Medical Sciences.

- Interactive Sessions
- Workshops/Symposiums
- Exhibitors
- Keynote/Plenary Lectures
- YRF/Best Poster Awards
- B2B Meetings

Tentative Program

Renowned Speakers



Prof.Dorothea Alexander-Friedrich

University Hospital Tübingen, Dept. of Oral and Maxillofacial Surgery,Germany

Dr. Alexander has her expertise in bone tissue engineering. The aim of her research focus is to develop an optimal stem cell source and appropriate biomaterials for future regeneration of maxillofacial bone defects. Therefore, her research group characterizes jaw periosteal cells and their in vitro osteogenic capacity and establishes optimal culture conditions and biofunctionalization strategies for biomaterials in view of future clinical performance. Related thereto, the establishment of suitable cell imaging approaches in order to assess cellular dynamics and biochemical changes of living cells represents a present focus of Alexander's work group



Prof. Rammurti T. Kamble

Baylor College of Medicine and Methodist Hospital, Houston, TX

Dr. Kamble is Professor of Medicine in Hematology-Oncology, Cell and Gene Therapy, Baylor College of Medicine and Methodist Hospital, Houston, TX. He has served as Assistant Professor of Medicine and Associate director of Hematology-Oncology fellowship program at Oklahoma University Health Sciences Center (OUHSC). Dr. Kamble is primarily interested in hematologic malignancies including multiple myeloma and hematopoietic stem cell transplantation. He was conferred Union against cancer (ICRETT, Geneva) award in 1994 to study molecular aspect of chronic myelogenous leukemia and bone marrow transplant in Hammersmith hospital, London and Central Science and Industrial Research (CSIR) award in 1995 to study stem cell transplantation in Cornell University, New York. Dr. Kamble is board certified in Internal Medicine and Medical Oncology. He has published extensively in prestigious journals including, Blood, Biology of Bone marrow transplantation and Journal of Clinical Oncology and regularly reviews manuscripts for Blood, Biology of bone marrow transplantation and Bone marrow transplant. Dr. Kamble's clinical interests are in innovative reduced conditioning protocols, in vivo T-cell depletion and novel approaches to reduce and treat graft-versus-host disease.

Tentative Program

Renowned Speakers



Dr.Gocha Shatirishvili

Medical Director of family Cord Blood Bank Geocord,Georgia

Dr. Gocha Shatirishvili is Medical Director of family Cord Blood Bank Geocord, Tbilisi, Georgia and Chief Scientific Officer of Department for Cell Technologies and Therapy at Cancer Research Center, Tbilisi. Dr. Shatirishvili has earned his doctoral degree at the Medical University Lubeck (Germany). Since 2000 his research interests focued on stem cell research and therapy. His 18 years long experience includes cord blood banking, cell therapy with autologous bone marrow stem cells (spinal cord injury, liver cirrhosis, heart failure, autism) and cord blood stem cells (ongoing study on autism), immunotherapy with lymphokine activated NK cells and DC vaccine against cancer. His research field includes hematopoietic stem cell expansion (cord blood), MSC expansion (from Wharton's jelly and bone marrow). Dr. Shatirishvili has created program of Rare Disorders for The Ministry of Health of Georgia, he worked for Georgian Rare Diseases Office and was a Board member and expert of Alström Syndrome International (Jackson Laboratory, Bar Harbor, USA). Dr. Gocha Shatirishvili is a member of Georgian National Committee on Transplantation and Committee on Bioethics at State Medical University Tbilisi. He is a member of Cord Blood Association (Government and Global Affairs Committee, Geneva, IL, USA) and Perinatal Stem Cell Society



Dr.Michael J. Edel

Group Leader and an Accredited Associate Professor, University of Barcelona,Spain

Dr. Michael Edel is a Group Leader and an accredited Associate Professor at the University of Barcelona, Faculty of Medicine with rolling Spanish national project grant funding. He completed his Ramon y Cajal in 2017 with I3 accreditation as distinguished Investigator. He is an expert in cancer genetics and cell pluripotency. His current research is concerned with the role of the cell cycle in attaining a pluripotent state, neural stem cell development and the development of cancer. His work has appeared in Cell (2005), Nature Biotechnology (2008) and Genes & Development (2010) and two of his publications are in the world's top 1% most cited. He leads a group dedicated to developing new methods to make genetically stable high quality clinical grade stem cells and pluripotent stem cells to study human cardiac and neural disease with an extensive international and national collaboration.

- Interactive Sessions
- Workshops/Symposiums
- Exhibitors
- Keynote/Plenary Lectures
- YRF/Best Poster Awards
- B2B Meetings

Tentative Program

Best Poster Award

• You will be given about 5-7 minutes to present your poster including questions and answers.Judges may pose questions during the evaluation of the poster

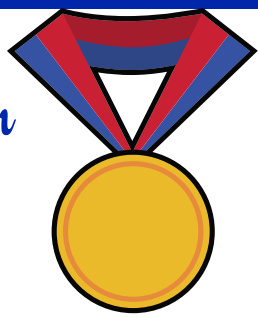
• Judges will even evaluate the student's enthusiasm towards their study, interest and knowledge in the area of their research.

•The winners will be announced at the closing ceremony of the conference. The decision of the winner will be withdrawn if the winner/winners is/are not present at the time of announcement.

•Apart from the judging time you may also be present at the poster to share your research with interested delegates



Young Researchers Forum



• Present your research through oral presentations.

• Learn about career development and the latest research tools and technologies in your field.

• This forum will give pertinent and timely information to those who conduct research and those who use and benefit from research

• Develop a foundation for collaboration among young researchers.

• The forum will provide an opportunity for collegian interaction with other young investigators and established senior investigators across the globe.

• Interact and share ideas with both peers and mentors

For any Queries:

stemcellresearch@pulsusevents.org

https://stemcells.cmesociety.com

PULSUS
WWW.PULSUSCONFERENCE.COM

- Interactive Sessions
- Workshops/Symposiums
- Exhibitors
- Keynote/Plenary Lectures
- YRF/Best Poster Awards
- B2B Meetings

Tentative Program

About Barcelona

Barcelona is a city in Spain. It is the capital and largest city of Catalonia, as well as the second most populous municipality of Spain. With a population of 1.6 million within city limits, its urban area extends to numerous neighboring municipalities within the Province of Barcelona and is home to around 4.7 million people, making it the sixth most populous urban area in the European Union after Paris, London, Madrid, the Ruhr area and Milan. Know more at Immunology Conferences Barcelona

Blessed with a privileged location between the vibrant shores of the Mediterranean Sea and the spectacular Collserola mountain range, the sprawling metropolis features 10 main districts, each of them with its own particular feel and priceless architectural wonders. The most rousing of all, Ciutat Vella (Old Town) is the beating heart of Barcelona. Equally charming, L'Eixample and Gracia balance the medieval allure of the historic center with a contemporary layout, wide avenues, and precious, awe-inspiring Modernista architecture. Know more at Immunology Conferences Spain

Barcelona is one of the world's leading tourist, economic, trade fair and cultural centres, and its influence in commerce, education, entertainment, media, fashion, science, and the arts all contribute to its status as one of the world's major global cities. It is a major cultural and economic centre in southwestern Europe, 24th in the world (before Zürich, after Frankfurt) and a financial centre. In 2008 it was the fourth most economically powerful city by GDP in the European Union and 35th in the world with GDP amounting to €177 billion. In 2012 Barcelona had a GDP of $170 billion; and it was leading Spain in employment rate in that moment.

- Interactive Sessions
- Workshops/Symposiums
- Exhibitors
- Keynote/Plenary Lectures
- YRF/Best Poster Awards
- B2B Meetings

Tentative Program

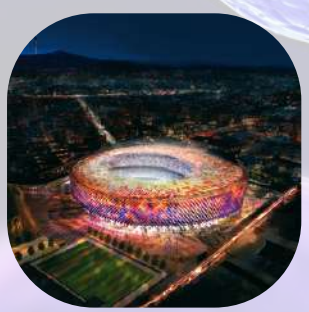
Barcelona City Attractions



La Sagrada Familia is the most popular attractions in Barcelona, attracting nearly 2.8 million visitors each year. Construction began in 1882 and continues through today, making it the largest unfinished Catholic church in the world. Antoni Gaudi took over as architect the following year and worked on it until his death in 1926. It's just over 70 percent finished now. Current architects are following Gaudi's design, which is based on Gothic and Byzantine styles, with 18 towers of varying heights, each dedicated to a different biblical figure

Montjuïc is a broad shallow hill with a relatively flat top to the southwest of the city center. The eastern side of the hill is almost a sheer cliff, giving it a commanding view over the city's harbor immediately below. The top of the hill was the site of several fortifications, the latest of which remains today. Another interesting sight is the Palau Nacional (National Palace), originally built as the central pavilion for the International Exhibition. The majestic building in neo-Baroque style is home to the Museu Nacional d'Art de Catalunya (MNAC). Montjuïc is also home to a number of sports facilities built for the 1992 Olympics.





Camp Nou. One for the sports fans, yet still one of Barcelona's most popular attractions. This stadium is home to formidable European football champions F.C. Barcelona. With a capacity of 99,000 people, this breathtaking sporting arena is Europe's largest. A tour of the ground is definitely worthwhile and you never know, you might be lucky enough to catch a game!

Font Màgica is a fountain located below the Palau Nacional on the Montjuïc hill and near the Plaça d'Espanya and Poble Espanyol de Barcelona. The fountain, like most of the surrounding developments, was constructed for the 1929 Barcelona International Exposition. On selected evenings, when the fountain is activated, it attracts hundreds of visitors who watch the spectacular display of light, water and music. At the same time, the Palau National is illuminated, providing a beautiful background



https://stemcells.cmesociety.com

PULSUS
WWW.PULSUSCONFERENCE.COM

- Interactive Sessions
- Workshops/Symposiums
- Exhibitors
- Keynote/Plenary Lectures
- YRF/Best Poster Awards
- B2B Meetings

Tentative Program

Registration Details

Registration Online at: https://stemcells.cmesociety.com/registration
Registration Fee:

Academic Only Registration: €650
Business Only Registration: €740
Young Researchers Forum: €470
Student Oral: €380

We will also provide accommodation at lowest price, kindly visit our registration page for prices.
Special group discounts are also available.

For more details on discount, contact the Program Manager
@ stemcellresearch@pulsusglobalevents.com

Payment Details

We accept Visa, MasterCard, American Express and checks. If paying by credit card, please utilize our online registration site located at https://stemcells.cmesociety.com/registration

If you wish to pay by invoice or bank, kindly contact stemcellresearch@pulsusglobalevents.com

- Interactive Sessions
- Workshops/Symposiums
- Exhibitors
- Keynote/Plenary Lectures
- YRF/Best Poster Awards
- B2B Meetings