

All sessions take place in **Tehran time**. Use the time zone converter to easily convert to your time

**Session 1: Wednesday, December 2, 2020, 10:00-12:20**

**New insight into Wound Management during COVID-19 pandemic**



**Moderator: Gholamreza Esmaeeli Djavid, MD, PhD**

**Executive President**

Assistant Professor of Biophysics, Medical Laser Research Center, Yara Institute, ACECR, Iran

10:00-10:20



Welcome Message

**Hamidreza Tayebi, PhD**

President of ACECR, Iran

11:20-12:20



**Vahid Ghobadi-dana, MD**

Head of State Welfare Organization of Iran



**Bagher Larijani, MD**

Distinguished Professor of Endocrinology & Metabolism, Endocrinology and Metabolism Research Institute, Tehran University of Medical Sciences, Iran

NCDand COVID-19: Global and national perspective

11:20-11:40



**Mohammadreza Zafarghandi, MD**

Professor of Vascular Surgery, Tehran University of Medical Sciences (TUMS), Iran

New insight into venous insufficiency management

11:40-12:00



**Mostafa Dahmardehei, MD**

Associate Professor of Plastic & Reconstructive Surgery, Burn Research Center, Iran University of Medical Sciences, Iran

Skin substitutes in burn

12:00-12:20



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**Session 2: Wednesday, December 2, 2020, 13:00-15:00**

**Surgery/Vascular/Perfusion**



**Moderator: Mohammad Nazari, MD**  
Assistant Professor of Interventional Radiology  
Yara Institute, ACECR  
Iran

13:00-13:20



**Abdolkhalegh Keshavarzi, MD**  
Assistant Professor of General Surgery,  
Shiraz Burn and Wound Research Center,  
Shiraz university of medical science, Iran

The effect of drainage catheter in the healing of grade 3 and 4 diabetic wound

13:20-13:40



**Shahpar Haghghat, MD, PhD**  
Associate Professor, Motamed Cancer  
Institute, ACECR, Iran

Compression therapy in venous leg ulcer: challenges and solutions

13:40-14:00



**Mohammad Nazari, MD**  
Assistant Professor of Interventional  
Radiology, Yara Institute, ACECR, Iran

Approach and treatment of lower extremity varicose veins

14:00-14:20



**Homan Riazi, MD**  
Vascular Surgeon, Oberarzt der  
Gefäßchirurgie im Evang Krankenhaus  
Herne, Germany

Upper extremities arterial ulcers: diagnosis and treatment

14:20-14:40



**Tayyeb Ghadimi, MD**  
Associate Professor of Plastic &  
Reconstructive Surgery, Burn Research  
Center, Iran University of Medical Sciences,  
Iran

Maggot therapy as a safe debridement of necrotic and infected wound due to high voltage electrical injuries

14:40-15:00



**Hanna Tayeh**  
ICW wound expert, International Inter-  
professional wound care course, Lebanon

ICW Initiative: save wounds to save lives

15:00-15:15 **Live: Question & Answer**

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**Session 3: Wednesday, December 2, 2020, 16:00-18:00**

**Nanomaterial and Biomaterials in Wound Care**



**Moderator: Khatereh Khorsandi, PhD**

Assistant Professor of Biochemistry, Medical Laser Research Center,  
Yara Institute, ACECR, Iran

16:00-16:20



**Hamid Mirzadeh, PhD**

Professor of Polymer Engineering , Amirkabir  
University of Technology, Iran

Different strategies for design and fabrication of wound dressing

16:20-16:40



**Heidi Abrahamse, PhD**

Professor and Director of Laser Research  
Centre, University of Johannesburg,  
South Africa

The combined effect of Photobiomodulation and green-synthesized silver nanoparticles for the treatment of diabetic wounds: In vitro studies

16:40-17:00



**Khatereh Khorsandi, PhD**

Assistant Professor of Biochemistry, Medical  
Laser Research Center, Yara Institute, Iran

Antimicrobial Photodynamic Inactivation: current statuses and future application

17:00-17:20



**Mohammad hasan Soheilifar, PhD**

Research Fellow, Molecular Medicine,  
Yara Institute, ACECR, Iran

Potential role of AngiomiRs in wound healing: an in-vitro study

17:20-17:40



**Saeed Ur Rahman, PhD**

Assistant Professor, Tissue Engineering and  
Regenerative Medicine at IRCBM, COMSATS  
University Islamabad

Smart Nano-biomaterials for Wound healing and Regenerative Medicine

17:40-18:00 **Live: Question & Answer**

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**Session 4: Thursday, December 3, 2020, 8:00-10:00**

**Advanced Therapy Medicinal Products (ATMP) in Wound Management/**



**Moderator: Hamidreza Bidkhor, MD, PhD**

Assistant Professor, Stem Cells and Regenerative Medicine Research Department, ACECR-Khorasan Razavi, Mashhad, Iran

8:00-8:30



**COVID-19 Lecture:**

**Thomas Serena, MD, FACS**

President, Association for the Advancement of Wound Care (AAWC). Director, Serena Group Research Foundation, USA

Hyperbaric Oxygen reduces the need for Mechanical Ventilation in patients with severe COVID-19

8:30-8:45



**Hamidreza Bidkhor, MD, PhD**

Assistant Professor, Stem Cells and Regenerative Medicine Research Department, ACECR-Khorasan Razavi, Mashhad, Iran

The reparative capacity of mesenchymal stromal cells derived from distinct sources: an update

8:45-9:00



**Somaieh Kazemnejad, PhD**

Associate Professor of Clinical Biochemistry, Reproductive Biotechnology Research Center, Avicenna Institute, ACECR, Iran

Significant amelioration of diabetic wounds using menstrual blood stem cells seeded on bilayer nanofibers scaffold

9:00-9:20



**Mehmet R. Dokmeci, PhD**

Associate Professor, Terasaki Institute for Biomedical Innovation, USA

Organ on chip or microfluidic systems for modeling of wound healing and Angiogenesis

9:20-9:40



**Aziz Ghahari, PhD**

Professor, University of British Columbia, Vancouver, Canada

Therapeutic Use of Nutritional Liquid Scaffold for Treating Acute and None Healing Wounds

9:40-10:00

**Live: Question & Answer**

Session 5: Thursday, December 3, 2020, 10:30-12:30

New Trends in Wound Management



**Siamak Bashardoust Tajali, PhD, MCPT**  
Assistant Professor, School of Rehabilitation,  
Tehran University of Medical Sciences, Iran

10:30-10:45



**Mohammad Ali Nilforoushzadeh, MD**  
Professor of Dermatology, Skin and Stem cell  
Research Center, Tehran University of  
Medical Sciences, Iran

Stem cells in wound healing

10:45-11:00



**Maryam Yazdizadeh, DDS**  
Lecturer, UCLA School of Dentistry, USA

Differential diagnosis of oral ulcers

11:00-11:15



**Nasrin Zand, MD**  
Assistant Professor of Dermatology,  
Medical Laser Research Center, Yara  
Institute, ACECR, Iran

Photobiomodulation in management of oral mucositis

11:15-11:30



**Moderator: Siamak Bashardoust Tajali, PhD,  
MCPT**  
Assistant Professor, School of Rehabilitation,  
Tehran University of Medical Sciences, Iran

Advanced High Power Lasers as minimal invasive  
Approaches for Tissue Healing

11:30-11:45



**COVID-19 Lecture**  
**Mohammad Reza Mohajeri Tehrani, MD**  
Professor, Endocrinology and Metabolism  
Research Institute, Tehran University of  
Medical Sciences. Iran

Approach to diabetic foot ulcer management in COVID-19  
pandemic based on IWGDF clinical guideline

11:45-12:15



**Hans Smola, MD**  
Professor of Dermatology,  
University of Cologne, Germany

Hydro-responsive wound dressings for the treatment of  
complicated wounds

12:15-12:30 **Live: Question & Answer**

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**Session 6: Thursday, December 3, 2020, 13:30-15:30**

**Experimental Medicine in Wound Healing/Tissue Repair/Modeling**

**Moderator: Atefeh Shahbazi, Ph**



Assistant Professor, Research Fellow of Cellular and Molecular Biology, Yara Institute, ACECR, Iran

13:30-13:45



**Sahar Ijaz, PhD**

Lecturer, University of Veterinary and Animal Sciences, Lahore, Pakistan

Mechanisms of wound healing and cell therapy

13:45-14:10



**Majid Ebrahimi Warkiani, PhD**

Associate Professor in the School of Biomedical Engineering, University Technology Sydney, Australia

Empirical systems in wound healing and repair

14:10-14:35



**Naisana Seyedasli, PhD**

Senior Lecturer & Lead of Stem Cell and Cancer Biology Group, University of Sydney & Centre for Cancer Research, Westmead Institute for Medical Research, Westmead, NSW Australia

Rebuilding the tissue complexity: lessons from 3D cancer models

14:35-14:50



**Hoda Keshmiri-Neghab, PhD**

Research Fellow of Biophysics, Yara Institute, ACECR, Iran

Directed osteogenic differentiation of mesenchyme stem cell by optogenetics

14:50-15:10



**Atefeh Shahbazi, PhD**

Research Fellow of Cellular and Molecular Biology, Yara Institute, ACECR, Iran

Tumorigenicity of cultured skin stem cells and their secretome

15:10-15:30

**Live: Question & Answer**

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**Session 7: Thursday, December 3, 2020, 16:30-18:30**

**Advanced Therapy Medicinal Products (ATMP) in Wound Management**



**Moderator: Siamak Bashardoust Tajali, PhD, MCPT**

Assistant Professor, School of Rehabilitation,  
Tehran University of Medical Sciences, Iran

16:30-16:50



**Hassan Vahidnezhad, MD**

Department of Dermatology, Thomas Jefferson  
University Hospitals, Philadelphia, USA

Skin Fragility disorder: Paradigm of Epidermolysis  
Bullosa

16:30-16:50



**Ensiyeh Hajizadeh-Saffar**

Assistant Professor, Royan Institute for stem cell  
biology and technology (RI-SCBT), ACECR, Iran

Advanced therapy medicinal products (ATMP) in skin  
disorders

16:50-17:10



**Angela Min Hwei Ng, PhD**

Associate Professor, Head of Tissue Engineering  
Centre, Universiti Kebangsaan Malaysia Medical  
Centre, Malaysia

Secretome of adipose-derived mesenchymal stem cells  
promotes healing of diabetic wound

17:10-17:30



**Gholamreza Esmaeeli Djavid, MD, PhD**

Assistant Professor of Biophysics, Medical Laser  
Research Center, Yara Institute, ACECR, Iran

Allogeneic stem cell therapy in diabetic foot ulcers: a  
pilot study

17:30-17:50



**Lucie Germain, PhD**

Professor, Canada Research Chair in Stem Cells  
and Tissue Engineering, Université Laval Research  
Chair on laboratory made organs and their clinical  
applications, Quebec, Canada

Producing autologous tissues from stem cells by tissue  
engineering for the treatment of severe wounds

18:10-18:30 **Live: Question & Answer**

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**Session 8: Friday, December 4, 2020, 15:00-17:00**

**Telemedicine and Digital Health in Management of Chronic Wound/Diseases/Education**



**Moderator: Marjan Ghazi Saeedi, PhD**  
Associate Professor of Health Information Management  
Tehran University of Medical Sciences  
Iran

15:00-15:20



**Farhad Fatehi, MD, PhD**  
Digital Health Researcher, University of  
Queensland, Australia

Telemedicine in dermatology: an Australian experience

15:20-15:40



**Kambiz Bahaadinbeigy, MD, PhD**  
Medical Informatics, Kerman University of  
Medical Sciences, Iran

Needs assessment and readiness assessment for tele-  
wound care

15:40-16:10



**Mansour Fatehi, MD**  
Chief of Imaging informatics, Virtual  
University of Medical Sciences, Iran

Technical and executive requirements of implementing a  
telemedicine unit

16:10-16:30



**Hesamodin Allameh, MD, PhD**  
Head of the Secretariat of the National  
Council of the Elderly, Iran

Online, outline and telemedicine in geriatric medicine

16:30-16:50



**Ebrahim Ebrahimbay Salami, PhD**  
PhD in Information Technology  
Management, Smart Business Moderator of  
"SIB System" and "Baya"

Challenges of Technology Application in Medicine in Iran

16:50-17:00 **Live: Question & Answer**



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**Session 9: Friday, December 4, 2020, 17:30-19:30**

**Challenges in Wound Management**



**COVID-19 Lecture:**

**Parvin Mansouri, MD,**

Professor of Dermatology, Skin and Stem Cell Research Center Tehran University of Medical Sciences, Iran

17:30-17:45



**Kamran Balighi, MD**

Associate Professor of Dermatology, Razi Hospital,  
Tehran University of Medical Sciences, Iran

Hidradenitis Suppurativa: diagnosis and treatment

17:45-18:00



**Seyed Mehdi Tabaie, MD**

Associate Professor of Dermatology, Medical Laser  
Research Center, Yara Institute, ACECR, Iran

Misdiagnosis of chronic wound

18:00-18:15



**Masoumeh Rohaninasab, MD**

Assistant Professor of Dermatology, Iran  
University of Medical Sciences, Iran

Factitial wound (self-induced wounds)

18:15-18:30



**Jouni Uitto, MD, PhD**

Professor of Dermatology, Chair and  
Professor of Department of Dermatology and  
Molecular Medicine, Thomas Jefferson  
University, USA

Skin fragility syndromes: challenging cases, current  
treatment and therapeutic development

18:30-19:00



**COVID-19 Lecture:**

**Parvin Mansouri, MD,**

Professor of Dermatology, Skin and Stem Cell  
Research Center Tehran University of Medical  
Sciences, Iran

Skin barrier in COVID-19 pandemics

19:00-19:30

**Live: Question & Answer**