



Société Libanaise de Dermatologie  
Lebanese Dermatology Society  
الجمعية اللبنانية لأطباء الأمراض الجلدية

# 15

## ANNUAL CONGRESS OF DERMATOLOGY المؤتمر السنوي للأمراض الجلدية CONGRÈS ANNUEL DE DERMATOLOGIE

**“WEBINAR”**  
**24, 25 & 26**  
**SEPTEMBER 2020**

**22 CME**  
credits



ONLINE REGISTRATION:  
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# PRESIDENT WELCOME



Dear colleagues,

On behalf of the Lebanese Dermatology Society (LDS) and its Board, I would like to welcome you at the 15th Congress of the LDS.

In this year 2020, there were three big events. The first one was the economic crisis in Lebanon leading to the departure of many of our colleagues to other countries for new horizons; the second one was the pandemic COVID-19 that struck in Lebanon and the entire world. The last most important one in Lebanon was the explosion of the port of Beirut on the 4th of August creating a disaster, destroying a big part of the city and killing about two hundred people, injuring over five thousand citizens and leaving three hundred thousand people homeless. Many of our colleagues were injured in the explosion and some of them having their families wounded too. I would like to address a special thanks to the societies that sent a message of support in this tragedy, especially the French Society of Dermatology and Venereology who offered the registration to their annual congress in December 2020 and the European Society of Dermatology and Venereology who sent a financial support to the injured Lebanese dermatologists. I hope that their support will let us keep our Lebanese dermatology on the level and to maintain our activities as seen in this conference.

Due to the COVID-19 health crisis the program this year will be entirely presented as webinar and divided into 3 days. It will include a variety of interesting topics that are mentioned in specific sessions, aesthetic and dermsurgery, inflammatory diseases, atopic dermatitis, psoriasis, telemedicine, COVID-19 and others. Besides local lecturers, well recognized international speakers will be presenting their topics.

The presentations were evaluated by the CME committee of the LOP and the congress was accredited 22 CME. Besides this, many of accredited webinars were supported this year by the LDS for their accreditations. We are looking ahead to organize the psoriasis day this year on the 29th of October.

Despite all the events that happened all over the world this year and have caused pain and sorrow to the Lebanese people, we are glad to be with you in this congress keeping up with this challenge and looking forward to better days in the near future.

Wish you a successful dermatology congress 2020 and hope to see you soon here in Beirut for the next Lebanese Dermatology Congress.

**Pr Fouad EL SAYED**  
**Professor of Dermatology**  
**President of the LDS**

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# AGENDA

## THURSDAY 24 SEPTEMBER 2020

9:00 – 9:30	<b>Opening Ceremony</b> Pr Fouad EL SAYED - President of the Lebanese Dermatology Society Dr Salim ABI SALEH - President of the Lebanese Order of Physicians - North Pr Charaf ABOU CHARAF - President of the Lebanese Order of Physicians - Beirut
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### HAIR, NAILS AND SYSTEMIC DISEASES MODERATORS: MAURICE DAHDAH, GRETTA TORBEY

9:30 – 10:00	Nail Psoriasis and How to Treat Difficult Cases With or Without Biologics	Dimitris RIGOPOULOS
10:00 – 10:15	Hair Loss: Clinical Cases and Pitfalls	Maurice DAHDAH
10:15 – 10:20	Q&A	
10:20 – 10:35	Autoimmune Cancers and Myopathies	Loic GUILLEVIN
10:35 – 10:50	Catastrophic Antiphospholipid Syndrome: Not Only the Skin	Loic GUILLEVIN
10:50 – 11:00	Q&A	

### TELEMEDICINE IN DERMATOLOGY | MODERATOR: FOUAD EL SAYED

11:00 – 11:20	Using Artificial Intelligence / Machine Learning in Dermatology: Starting in Sub-Saharan Africa	Christophe HSU
11:20 – 11:25	Q&A	
11:25 – 11:40	Teledermatology Use by Lebanese Dermatologists and the Influence of COVID-19 on It	Carmen TABET Nour GERBAKA Elsa NOUJAIM
11:40 – 11:45	Q&A	

### DERMATOLOGIC SURGERY | MODERATOR: JIHANE ABOU RAHAL

11:45 – 12:30	Skin Carcinomas: Common Pitfalls, Guidelines in Diagnosis and Management	Jihane ABOU RAHAL
12:30 – 12:45	Laser Removal of Traumatic Scars the Beirut Blast Experience	Dany TOUMA
12:45 – 13:00	Q&A	

**13:00 - 13:40 LUNCH BREAK**

## ATOPIC DERMATITIS | MODERATORS: ZENUS SALEH, FOUAD EL SAYED

13:40 – 14:10	How the Microbiome is Changing the Future of Atopy <b>Symposium Sponsored by La Roche Posay</b>	Roland TOMB
14:10 – 14:40	Topical Atopic Dermatitis Treatments: A Look Into the Future <b>Pfizer Closed Medical Session - Only for Physicians</b>	James BERGMAN
14:40 – 15:00	Differential Diagnosis	Maya EL HACHEM
15:00 – 15:20	Therapeutic Patient Education	Maya EL HACHEM
15:20 – 15:35	Dupilumab: Sharing My Experience in Atopic Dermatitis	Zenus SALEH
15:35 – 16:00	Transforming Atopic Dermatitis: From Unmet Patients Needs to Treatment Goals <b>Symposium Sponsored by Sanofi</b>	Alain TAIEB

## ACNE | MODERATORS: MAYA ZAYOUR, GRETTA TORBEY

16:00 – 16:20	Adult Female Acne	Maya ZAYOUR
16:20 – 16:50	Enlarged Pores – The Integrative and Holistic Approaches: From Diet and Skin Care to Laser and Nutraceuticals	Victor CLATICI

## AESTHETIC DERMATOLOGY AND SURGERY MODERATORS: MICHELINE MAAMARY, DANY TOUMA

16:50 – 17:10	Review of Available Studies on Tranexamic Acid in Melasma	Khaled EZZEDDINE
17:10 – 17:40	Hands and Feet Rejuvenation	Ishaan RAMKISSON
17:40 – 17:50	Q&A	
17:50 – 18:20	Microbotulinum: A Quantitative Evaluation of Aesthetic Skin Improvement	Alberto DIASPRO
18:20 – 18:30	Q&A	
18:30 – 18:45	Hyaluronic Acid Fillers and Scleroderma	Micheline MAAMARI
18:45 – 19:00	Aesthetic and Functional Lips Approach - Kissability and Talkability Concept	Alessandra HADDAD
19:00 – 19:30	Augmented Reality (AR) Entering the World of Cosmetic Medicine: Visualization of Individual Patient's Arterial Network on Your Smartphone	Benoit HENDRICKX
19:30 – 19:45	Q&A	
19:45 – 20:15	What Happens to Volumizing Hyaluronic Acid in the Subcutis?Ultrasound Videos, Ultrasound Measurements, and Histology	Joan VANDEPUTTE
20:15 – 20:30	Q&A	

## FRIDAY 25 SEPTEMBER 2020

### LASER | MODERATOR: RAMI ABADI, GEORGES KHAWAND

9:00 – 10:00	- A Review of Important Laser Articles 2019-2020 - Useful Tips in Laser	Ahmad ALISSA
10:00 – 10:15	Q&A	
10:15 – 10:30	Effect of Photobiomodulation on Ecchymosis after Rhinoplasty: A Randomized Single-Blind Controlled Trial	Babak SAEDI
10:30 – 10:45	Oral Isotretinoin in the Treatment of Postoperative Edema in Thick-Skinned Rhinoplasty: A Randomized Placebo-Controlled Clinical Trial	Babak SAEDI
10:45 – 11:00	Q&A	

### NEW CONCEPTS IN FACIAL REJUVENATION MODERATORS: MICHELINE MAAMARI, GRETTA TORBEY

11:00 – 11:45	The Systemic Dermal Regeneration: A New Approach to Aesthetic Medicine with SISTHAEMA HEVO T	Andrea SERVILI
11:45 – 12:00	Q&A	
12:00 – 12:15	Safe Zonal Lifting Method	Elena BARINOVA
12:15 – 12:30	Gender Differences in Facial Rejuvenation	Rami ABADI
12:30 – 13:30	- Face Lift Is It a Dermatologist Worst Nightmare or Best Friend? - When Should a Dermatologist Not Do a Filler Rhinoplasty? - Q&A	Georges BITAR
13:30 – 14:30	- Topographical Anatomical Approach to Mid Facial Injections - Use of Botulinum Toxin and Prophilos in Treating the Neck - Q&A	Dalvi HUMZAH

### 14:30 – 15:15 LUNCH BREAK

### COVID-19 AND DERMATOLOGY MODERATORS: FOUAD EL SAYED, MAZEN KURBAN

15:15 – 15:45	Cutaneous Signs of COVID-19	Selim ARACTINGI
15:45 – 16:15	Global Viral Load Reduction by BioFort	Marigalia RAMIREZ-FORT
16:15 – 16:25	SARS-CoV-2: A Novel Coronavirus with Unique Properties	Souleima CHAMAT
16:25 – 16:45	Immune Response to SARS-CoV-2 and Challenges in the Development of a Vaccine Against COVID-19	Souleima CHAMAT
16:45 – 17:15	Treatment of COVID-19	Jacques MOKHBAT
17:15 – 17:20	Q&A	

**PSORIASIS**  
**MODERATORS: ADELE CHEDRAOUI, GEORGES SALIBA, ABDULGHANI KIBBI**

17:20 – 17:40	Real Life Experience with Guselkumab <b>Symposium Sponsored by Janssen</b>	Alfred AMMOURY
17:40 – 18:00	How to Treat Psoriasis Beyond the Skin Manifestations <b>Symposium Sponsored by Novartis</b>	Diamant THACI
18:00 – 18:30	The Role of Biosimilars in Dermatology <b>Symposium Sponsored by Sandoz</b>	Alfred AMMOURY
18:30 – 19:00	Topical Psoriasis Management <b>Symposium Sponsored by Leopharma</b>	Ahmad JALILI
19:00 – 19:30	Silencing Psoriasis <b>Symposium Sponsored by Abbvie</b>	Melinda GOODERHAM
19:30 – 20:00	The Importance of Achieving Completely Clear Skin Rapidly in Patients with Psoriasis: Results from Ixekizumab's IXORA-R Trial <b>Symposium Sponsored by Lilly</b>	Christopher SCHUSTER
20:00 – 20:30	Shaping the Future of Complete Psoraitic Disease Management	Thomas Luger
20:30 – 20:50	Managing Psoriasis: Results Matching Patients' Expectation, Pathway to Success <b>Symposium Sponsored by Biologix</b>	Nancy MUFARRIJ

**SATURDAY 26 SEPTEMBER 2020**

**CPC SESSION**

9:00 – 11:00	Clinicopathological Cases	
	American University of Beirut	Oussama ABBAS
	Lebanese Univesity	Fouad EL SAYED
	University of Balamand	Hala ABI RACHED
	Lebanese American University	Zeina TANNOUS

**LEBANESE DERMATOLOGY SOCIETY MEMBERS ASSEMBLY**

Link to be sent separately



**Dimitris RIGOPOULOS, MD**

*Professor of Dermatology and Venereology  
President of the Hellenic Society of Dermatology and  
Venereology – Greece*

Pr Dimitris Rigoopoulos is currently Chairman of the 1<sup>st</sup> Department of Dermatology and Venereology at Andreas Sygros Hospital - Greece and Professor of Dermatology and Venereology at the School of Health Sciences of the National and Kapodistrian University of Athens – Greece. He is also president of the Hellenic Society of Dermatology and Venereology. Pr Rigoopoulos has participated in more than 250 scientific publications. He is member the European Academy of Dermatology, the American Academy of Dermatology, the International Society of Dermatology, and board member of the European Nail Society.

**Abstract:**

**Nail Psoriasis and How to Treat Difficult Cases With or Without Biologics**

In this presentation Nail Psoriasis signs will be discussed, new treatment modalities will be presented and some difficult cases will be shared with the audience, so that attendees will gain experience in dealing with such cases.



**Maurice DAHDAH, MD**

*Dermatologist – Dermaclinic – Sacré Coeur Hospital –  
Lebanon*

Dr Maurice Dahdah is a Dermatologist with a special interest in hair and nail disorders. After receiving his degree in Dermatology from the American University of Beirut – Lebanon in 2004, he completed a fellowship in Nail Diseases at Columbia University – USA in 2006. He then trained in Hair Disorders at Bologna University – Italy before rejoining the department of Dermatology at the American University of Beirut – Lebanon in 2007 where he was the director of the Hair and Nail Center until 2012. Since then, Dr Dahdah has been in private practice at Dermaclinic in Sacré Coeur Hospital – Lebanon.

**Abstract:**

**Hair Loss Clinical Cases and Pitfalls**

In this session we will go over 3 different clinical scenarios involving patients presenting with hair loss. These cases have been selected to highlight pitfalls that you may encounter in clinical practice when dealing with hair disorders. After this session you should be able to easily avoid these pitfalls when evaluating and treating your patients with hair loss.





### **Loic GUILLEVIN, MD**

*Emeritus Professor of Medicine and Therapeutics – Cochin Hospital, University of Paris Descartes, Sorbonne Paris Cité; National Referral Centre for Rare Autoimmune and Systemic diseases, Vasculitis and Scleroderma – France*

Pr Loic Guillevin is Emeritus Professor of Medicine and Therapeutics at Cochin Hospital, University of Paris Descartes, Sorbonne Paris Cité; National Referral Centre for Rare Autoimmune and Systemic diseases, Vasculitis and Scleroderma – France. He is also the Coordinator and President of the French Vasculitis Study Group. Pr Guillevin is member of several national and international scientific society boards and is involved in several groups of interest on systemic and autoimmune diseases. He was president of the French committee for clinical research and president of the French National Society of Internal Medicine. Pr Guillevin is Master of the American College of Rheumatology, Fellow of the Royal College of Physicians (UK), Honorary Fellow of the American College of Physician and Honorary fellow of the European Federation of Internal Medicine. He is member of the French Académie Nationale de Médecine. Pr Guillevin has published up to 1,000 scientific and teaching papers and published or participated to several scientific books.



### **Christophe HSU, MD**

*Consultant of Teledermatology and Artificial Intelligence at the University of Basel – Switzerland*

Pr Christophe Hsu is a practicing dermatologist trained in Geneva, Switzerland and Singapore. Currently in private practice (since 2010), he is a consultant of Teledermatology and Artificial Intelligence at the University of Basel - Switzerland, as well as an editor to the JAAD and JEADV. He manages the PASSION project: a Global Health collaborative which aims to augment Teledermatology through the use of AI to diagnose common conditions in the Pediatric Population. His special interests are: Digital Health and Social Media in Dermatology.

### **Abstract:**

#### **Using AI/Machine Learning in Dermatology: Starting in Sub-sahran Africa**

This presentation aims to present in simple words how Artificial Intelligence in medical imaging works, more specifically in Dermatology and suggest a potential research project, which has the potential to scale up to include different skin phototypes and a wider skin disease scope.

## **Carmen TABET, MD**

*Head of the Dermatology Unit – Notre Dame des Secours Centre Hospitalier Universitaire – Lebanon*

*Dermatology Residency Program Director – Holy Spirit University of Kaslik (USEK) – Lebanon*



## **Nour GERBAKA, MD**

*Dermatology Resident – Holy Spirit University of Kaslik (USEK) – Lebanon*

Dr Nour-Estelle Gerbaka is a third-year dermatology resident at the Holy Spirit University of Kaslik (USEK) – Lebanon. She is co-owner and content manager of Gerbaka Skin Clinic in three locations, Museum Beirut, Harbour Beirut and Cite Jounieh. Her work about the Skin and Sun was published as a poster in the “Journées Dermatologiques de Paris” JDP 2018.



## **Elsa NOUJAIM, MD**

*Dermatology Resident – Holy Spirit University of Kaslik (USEK) – Lebanon*

Dr Elsa Noujaim is a third-year dermatology resident at the Holy Spirit University of Kaslik (USEK) – Lebanon. During her academic studies, she has received many honors including her appointment as Dermatology Chief Resident of USEK (2020-2021), as well as her nomination to deliver the valedictory address during the Commencement Ceremony of the School of Medicine and Medical Sciences of USEK (2018). She has also received the Excellence Scholarship (Fall 2011- Spring 2012) and the Merit Scholarship (Spring 2016) from USEK, and

was recently selected to receive a grant to attend the “Journées Dermatologiques de Paris” JDP 2020 by their organizing committee and the French Society of Dermatology (SFD).

## **Abstract:**

### **Teledermatology Use by Lebanese Dermatologists and the Influence of COVID-19 on It**

The COVID-19 pandemic has forced constraints on the practice of medicine. Our study aims to assess the use of teledermatology by Lebanese dermatologists under the influence of the Covid-19 outbreak. This study was based on a voluntary and anonymous survey distributed to Lebanese dermatologists after the Lebanese Covid-19 confinement measures were eased. A total of 71 dermatologists responded out of 268 dermatologists registered at the Lebanese Society of Dermatology. A significant increase in the frequency of dermatological online consultations per week was observed during the Covid-19 confinement, as compared to the preceding period (38.13 vs 21.21 respectively;  $p < 0.001$ ). To a lesser extent, the use of teledermatology was sustained during the post-confinement period, as compared to the pre-confinement use (28.83 vs 21.21 respectively;  $p = 0.001$ ). Moreover, the decrease in the online consultation frequency was also significant after the Covid-19 confinement as compared to during the confinement (28.83 vs 38.13 respectively;  $p = 0.001$ ). As compared to the pre-Covid-19 pandemic era, there was an increased demand of online consultations during and also after the confinement, thus representing a sustained post-confinement need for teledermatology, hence urging dermatologists to plan and organize an efficient and user-friendly business arrangement and services.



### **Jihane ABOU RAHAL, MD**

*Assistant Professor of Dermatology American – University of Beirut Medical Center (AUBMC) – Lebanon*

Dr Jihane Abou Rahal is an Assistant Professor of Dermatology at the American University of Beirut Medical Center (AUBMC) – Lebanon. She has a subspecialty in Mohs micrographic surgery, Procedural and Cosmetic Dermatology. After earning her medical degree and dermatology residency from the American University of Beirut, Dr Abou Rahal sub-specialized in Procedural Dermatology and Mohs Micrographic surgery at the University Hospital of Bordeaux – France. She also pursued further training in surgical dermatology and obtained a diplome inter-universitaire (DIU) de chirurgie dermatologique in France. Her main interest is skin cancer and her practice focuses on dermatological procedures and reconstructions as well as lasers and other less invasive procedures. She is also a member of multiple national and international medical societies: International Society of Dermatologic Surgery (ISDS), European Society of Mohs Surgeons (ESMS), European Academy of Dermatology and Venereology (EADV), Société Française de Dermatologie (SFD), Lebanese Dermatology Society (LDS) and Alpha Omega Alpha Honor Medical Society, Beirut Chapter.

#### **Abstract:**

#### **Skin Carcinomas: Common Pitfalls, Guidelines in Diagnosis and Management**

Skin carcinomas are commonly encountered tumors in the Lebanese population that are easy to manage when caught early and treated optimally. Extrapolating from clinical cases, we will discuss common errors and pitfalls in skin cancer diagnosis and management, with ways to avoid them, and provide an algorithm to triage your patients into the optimal treatment plan.



## **Dany TOUMA, MD**

*Adjunct Associate Professor – Boston University – USA*

*Founder – Skin Clinic – Lebanon*

Dr Dany Touma is currently Adjunct Associate Professor of Dermatology at Boston University – USA. He is also the founder of the Skin Clinic – Lebanon. Dr Touma was director of Dermatologic Surgery at the Roger Williams Medical Center – USA, director of the Boston University Center for Cosmetic and Laser Surgery – USA and Chief of Dermatology of the VA Boston Healthcare System – USA. His practice

was dedicated to skin cancer surgery, cosmetic skin rejuvenation procedures, research and teaching, and his work was recognized at the US national level. Dr Touma obtained his Medical Degree from the Faculty of Medical Sciences of the Lebanese University – Lebanon in 1991 and subsequently trained in medicine and then dermatology at Boston University and Tufts University in Boston, Massachusetts – USA and obtained his American Board of Dermatology in 1997. In 1998, he completed a specialized Fellowship in Laser and Cosmetic Dermatologic Surgery and Mohs Micrographic Surgery for Skin Cancer at Boston University – USA. Dr Touma has done major research in the area of laser hair removal, especially studying ways to decrease pain and side effects of treatment, and in the area of photodynamic therapy for precancerous lesions and skin rejuvenation. His main clinical expertise is in the field of cosmetic and laser dermatologic surgery, liposculpture, hair transplantation, and treatment of skin cancer. He has performed over 10,000 cumulated surgical and cosmetic laser and non-laser cases, and has trained many physicians around the world in those procedures. Dr Touma has edited a book on the treatment of skin cancer, and has published many articles in American medical journals. He has given numerous lectures around the world, including in addition to major meetings in the U.S., Brazil, Europe and the Middle East. He has been the guest of many major TV channels in the U.S, namely ABC, CBS and NBC, to discuss various topics of his expertise. Dr Touma has been elected president of the Lebanese Dermatological Society for the years 2016-2018. Before that he served as committee member for many years. He is credited with much of the work that led to the organization of the practices of cosmetic medical procedures in Lebanon.

### **Abstract:**

#### **Laser Removal of Traumatic Scars: the Beirut Blast Experience**

Over six thousand individuals were injured in the Beirut explosion on August 4, 2020. The vast majority had multiple traumatic laceration injuries from ruptured glass or other shrapnels. These injuries will cause scars that go well beyond the physical, and act as lifetime reminders of one of the most tragic events in recent world history. Dermatologists have a key role in managing the injured, and helping them to restore their lives. Fractional and spot laser resurfacing, done as soon as possible after suture removal, is currently the standard approach to reducing, and often completely removing, these scars, after multiple monthly sessions. Vascular lasers are often used to reduce vascularity and collagen overgrowth. In this presentation, we will discuss our group's experience in managing traumatic scars, particularly the dozens of wounds that we have treated after the blast, with an emphasis on scientific evidence and optimizing treatment parameters and adjuvant therapeutic options.



**Roland TOMB, MD**

*Dean – Faculty of Medicine – Saint Joseph University in Beirut – Lebanon*

Trained in both Paris and Strasbourg, Dr Roland Tomb is Dean of the Faculty of Medicine at Saint Joseph University in Beirut - Lebanon. Professor of dermatology, and practitioner at the Hôtel-Dieu de France – Lebanon, he is the author of several hundred medical publications. Dr Tomb is also Head of the Department of Dermatology (USJ and HDF) and holds the Chair of Bioethics. He is a member of the International Bioethics Committee at UNESCO in Paris and the National Consultative Ethics Committee of Lebanon. Dr Tomb pursued studies in theology, ancient Semitic languages and holds a doctorate in philosophy and ethics from Aix-Marseille University – France.



**James BERGMAN, MD**

*Pediatric Dermatologist - Pediatric Allergy Dermatology Centre – Canada*

*Clinical Assistant Professor - Department of Dermatology & Skin Science - University of British Columbia – Canada*

Dr James Bergman is Pediatric Dermatologist at the Pediatric Allergy Dermatology Centre – Canada and Clinical Assistant Professor at the Department of Dermatology & Skin Science of the University of British Columbia - Canada. He has completed training in Pediatrics, Pediatric Allergy and clinical immunology at the University of Manitoba – Canada; Dermatology at the University of British Columbia – Canada; and Pediatric Dermatology at the University of California San Diego (UCSD). Dr Bergman practices in all areas of Dermatology and Allergy but has special interests in atopic dermatitis and the crossover between allergy and dermatology. He is an active board member of the eczema society of Canada and is involved with atopic dermatitis guidelines at the AAD and Canadian Dermatology.



**Maya EL HACHEM, MD**

*Head of the Pediatric Dermatology Unit  
Coordinator of the Reference Center for Rare Skin Diseases  
and the Reference Center of Vascular Anomalies – Bambino  
Gesù Children's Hospital – Italy*

Dr Maya El Hachem is currently head of the pediatric dermatology unit and coordinator of the reference center for rare skin diseases and the reference center of vascular anomalies at the Bambino Gesù Children's Hospital – Italy. She is also consultant dermatologist at

the Vatican City. Dr El Hachem is the co-author of 115 original articles and reviews in indexed journals. Her main research interest focuses on genotype-type correlation and novel therapeutic approaches in rare genetic skin diseases. Dr El Hachem is the President of the Scientific Committee of the Rare Diseases Network and Board Member of the "Fondation pour la Dermatite Atopique". She is member of the European Taskforce for the Management of Infantile Hemangiomas and the Oriented Patient-Education Network in Dermatology. Dr El Hachem was the president of the Italian Society of Pediatric Dermatology and the Italian Society of Vascular Anomalies.

**Abstract:**

**Atopic dermatitis: Differential diagnosis and therapeutic patient education**

The diagnosis of atopic dermatitis (AD) is clinical and usually easy. However, differential diagnoses should be always considered, and depend upon the clinical presentation of the lesions and patient age. Thus, the diagnosis approach should take into account the exclusion of several dermatological and systemic disorders. The most frequent disorders to be considered are inflammatory: seborrheic dermatitis, psoriasis, prurigo, genetic: ichthyosis, ectodermal dysplasia, Infections: mycotic, eczema herpeticum, scabies, metabolic disorders such as acrodermatitis enteropathica, immunological: immunodeficiency (e.g. Wiskott-Aldrich S.), and neoplastic or myeloproliferative disorders: T lymphoma, LCH. In some cases, cutaneous biopsy and multidisciplinary approach are necessary to define the correct diagnosis.

The therapeutic management of atopic dermatitis requires therapeutic patient education for several reasons: AD is a chronic disorder, itchy, clinical manifestations are polymorphic, it causes esthetical damage, and affects the quality of life of the patient and all family members.

In addition to more traditional therapies such as emollients as highlighted by European guidelines, therapeutic patient education in a group or individually is highly encouraged as it helps patients and their parents to better understand the disease and provide practical guidance for dressing and bandaging. It can also aid in outlining coping strategies for itching and sleep disturbance. The utility of distraction techniques should also be stressed as such educational interventions involving the child and their parents can substantially improve the overall quality of life. All approaches should be tailored according to patient age and clinical features and requires individualized strategy to ensure good adherence by both children and their parents. Thus, a holistic approach embracing systemic, topical, and psychological interventions is advocated to provide patients and their caregivers the best possible care.



**Zenus SALEH, MD**

*Consultant in Dermatology and Aesthetic Medicine –  
Specialized Medical Center – KSA*

Dr Zenus Saleh is a Consultant in Dermatology and Aesthetic Medicine at the Specialized Medical Center – KSA since 2014. She is the author and co-author of several scientific publications and has participated in many national and international conferences. Dr Saleh completed her specialization in dermatology at the American University of Beirut (AUB) – Lebanon and then

a fellowship in aesthetic anti-aging medicine at The American Academy of Anti-Aging Medicine, Chicago, Illinois. She successfully acquired more than 15 trainings and certificates in the field of aesthetic dermatology and laser. Dr Saleh is member of the European Academy of Dermatology and Venereology, the American Academy of Dermatology, the American Academy of Aesthetic Medicine, the American Academy of Anti-Aging Medicine, the CME Committee of the Specialized Medical Center, the International Society of Dermatology and the Alpha Omega Alpha Medical Honor Society.

**Abstract:**

**Dupilumab: Sharing My Experience in Atopic Dermatitis**

The management of Atopic dermatitis (AD) has witnessed a revolution with the introduction of Dupilumab to its treatment armamentarium in 2017. Dupilumab, an IL4/13 receptor inhibitor is the first FDA-approved treatment for kids (6 years and above), adolescents and adults with moderate to severe atopic dermatitis.

In my presentation, I will briefly review the clinical trials that lead to the approval of Dupilumab as a treatment for AD. Then, I will present the efficacy and side effects in real patient population from my personal experience.





**Alain TAIEB, MD**

*Professor of Dermatology*

*Head of the department of Dermatology and Pediatric Dermatology - Bordeaux University Hospitals - France*

Pr Alain Taieb is professor of Dermatology and head of the department of Dermatology and Pediatric Dermatology at Bordeaux University Hospitals - France. He established the National Reference Centre for Rare Skin Disorders in 2005. He is the Director of INSERM 1035 research lab "Biotherapy of genetic diseases, inflammatory disorders and cancer" (BMGIC). He set up the European Task Force on Atopic Dermatitis in 1990, and the Vitiligo European Task Force in 2003, which are now official ad hoc tasks forces of the EADV. He has authored more than 600 articles in peer-reviewed journals and more than 60 chapters in multiauthored books. In addition, he published "History of Atopic Dermatitis" with Dr Wallach and Tilles, in 2004, and two textbooks "Neonatal Dermatology" with Drs Enjolras, Wallach and Vabres (2009) and "Vitiligo" with Dr Picardo (2010- second edition 2019). His major topics of interest are pediatric dermatology, genodermatoses, atopic dermatitis, vitiligo and pigment cell disorders. He has received several awards in particular from the Society for Pediatric Dermatology, the International League of Dermatological Societies, the American Skin Association, the European Society for Pigment Cell Research. H factor 56 (WoS). Pr Taïeb is currently President of the International Society of Atopic Dermatitis.

**Abstract:**

**Transforming Atopic Dermatitis: From Unmet Patients Needs to Treatment Goals**

Atopic dermatitis (AD) is a chronic relapsing inflammatory skin disease that affects children and adults and is characterized by intense pruritus/itch that negatively impacts multiple dimensions of a patient's life, including sleep, requiring long-term management. AD poses a significant social, psychological, and economic burden. Moreover, moderate-to-severe AD patients can also experience other type 2 inflammatory atopic comorbidities, such as asthma and chronic rhinosinusitis with nasal polyposis (CRSwNP). For adults with inadequately controlled moderate-to-severe AD there is a significant unmet medical need for treatment options that effectively improve skin lesions, reduce itch, and improve health-related quality of life. However, limited treatment options are available currently and the continuous use of many treatments for AD is not recommended due to safety concerns. Dupilumab is a fully human monoclonal antibody that blocks the shared receptor component for interleukin (IL)-4 and IL-13, thus inhibiting signaling of both IL-4 and IL-13, key drivers of type 2 inflammation in multiple diseases. Dupilumab is being incorporated in many international guidelines. It is indicated for the treatment of moderate-to-severe AD in adults and adolescents 12 years and older who are candidates for systemic therapy (with or without topical treatment). The available data show that Dupilumab inhibits underlying persistent inflammation, and results in rapid and sustained improvements in clinical signs of AD (lesions), symptoms (including itch, sleep disturbances, anxiety and depression) and QoL in patients aged  $\geq 12$  years with moderate-to-severe AD, with an acceptable safety profile with no need for monitoring for organ toxicities.





**Maya ZAYOUR, MD**

*Dermatologist and Dermatopathologist – Lebanon*

Dr Maya Zayour is a dermatologist and dermatopathologist. She studied medicine and completed her residency at the American University of Beirut (AUB). Afterwards, she spent several years as a fellow at Yale University in Connecticut, USA where she expanded her dermatologic knowledge and finished a dermatopathology fellowship in 2011. At the same time, she conducted research and published several papers in highly acclaimed scientific journals and presented many lectures at national and international conferences. Dr. Zayour has a special

interest in acne and rosacea. She is currently in private practice in Beirut, Lebanon.



**Victor CLATICI, MD**

*Dermatologist - Therapy Room – Romania*

Dr Victor Clatici is Dermatologist and Venerologist, with extensive experience (over 20 years) in diagnosis and treatment of skin diseases and special interest in clinical research, skin cancer, sexually transmitted infections, photo protection and sunscreens, skin aging, acne, rosacea, quality of life in dermatology, high tech technology (laser, radiofrequency, infrared, pulsed light) and medical internet.

The first who wrote in Romanian language about quality of life and psoriasis (2001) and about vaccines for sexually transmitted infections (2002). He was both Principal Investigator and National Coordinator for clinical studies, respectively multicenter national and international studies. Dr Clatici presented over 450 papers at International and National Congresses and published over 70 articles in academic journals. His presentations and articles covered a large areas: lasers and radiofrequency, skin cancer, psoriasis, atopy, acne, rosacea, melasma, cellulite, hair diseases, HPV infection, collagen diseases, cutaneous ulcerations, dermatocosmetics and nutrition. Dr Clatici is invited Speaker at the most important congresses about Anti Aging and Laser – Monaco, Paris, Cannes, Barcelona, Bali, etc. He developed an original, and trademark concept, The Seven S of Skin® Concept, a veritable connection between Health and Beauty.

**Abstract:**

**Enlarged Pores – The Integrative and Holistic Approaches: From Diet and Skin Care to Laser and Nutriceuticals.**

Enlarged facial pores are difficult to treat due to the multifactorial nature of their pathogenesis, and are primarily treated through addressing associative factors, such as increased sebum production and cutaneous aging. Treatments for enlarged facial pores primarily aim to decrease sebum production, rejuvenate skin, remove hair, and/or decrease follicular size. We review the current treatment modalities for enlarged or dense facial pores, including diet and sun protection, topical retinoids, chemical peels, oral antiandrogens, and lasers.



**Khaled EZZEDDINE, MD**

*Professor of Dermatology*

*Henri Mondor University Hospital – France*

Pr Khaled Ezzeddine gained his Doctorate in Medicine and has been board certified in Dermatology at the Free University of Brussels, Belgium in 2003. He qualified as Professor in Dermatology in Paris, France in 2015. He is the conceptor and manager of an Evidence Based Medicine project in Tropical Dermatology (Black Skin dermatology). He is a clinician and researcher working as a full Professor in Henri Mondor University Hospital – France and the Université Paris Est Créteil - France. He has a long term experience in Ethnic Dermatology and has

worked in Senegal for years. His main clinical interests are vitiligo and pigmentation disorders. He has created a vitiligo clinic in the department of Dermatology of the Henri Mondor University Hospital - France. He is the Director of INFO (Initiative for outcomes in Vitiligo), an international group that is part of the Cochrane initiative for Outcome research. Besides, Pr Khaled Ezzeddine has obtained a PhD in Epidemiology in 2008 and is currently chairing the Skin group of two French national cohorts, NUTRINET and CONSTANCES, that include each one over 200.000 individuals belonging to the French general population. He has authored more than 250 articles in peer-reviewed journals and has authored numerous chapters in dermatology textbooks, the last one of which is on Vitiligo in the 9th Edition of the Fitzpatrick's Dermatology textbook.



## **Ishaan RAMKISSON, MD**

*Founder and Director – Advanced Aesthetics Centre – South Africa*

Dr Ishaan Ramkisson is a dermatologist in private practice in Umhlanga and Ballito, South Africa. He is the founder and director of ADVANCED AESTHETICS CENTRE. He is a Key Opinion Leader for Restylane Filler's and trains other doctor's on the art and science of aesthetic injection techniques. He is the only dermatologist in South Africa to have achieved this status and is considered an expert in this field. He has received intensive training in the field of aesthetic dermatology, from world renowned experts. He now meets with and exchanges ideas with other global

experts on how to maximize the results of his cosmetic patients. His trademark is to deliver "natural looking" aesthetic enhancements. He is considered a leader in the field of dermatology and serves on numerous local and international dermatological advisory boards. Dr Ramkisson is a fellow of the College of Dermatologists (South Africa) and the American Academy of Dermatology. He also has his Master's Degree in Dermatology from University of Pretoria. He is a qualified Aviation Health Care Provider having worked as a Trauma and Emergency doctor for Red Cross Air Mercy Services. He has served as the Chairman of the KZN Dermatology IPA and is an Executive Committee member of the South African Dermatological Surgery Society.

### **Abstract:**

#### **Hands and Feet Rejuvenation**

Hands and feet mirror the ageing process happening throughout the body. Extrinsic and intrinsic factors cause skin laxity, dyspigmentation and fat loss. Ageing of the hands and feet can result in discrepancy between a rejuvenated face and appearance of the hands and feet. The ageing hand tend to significantly undergo signs of volume loss. The atrophy, or shrinkage of tissues, involves a reduction in volume of mainly fat and muscle. This causes a depression between the bones with a resultant prominence of veins, tendons and bones. Patients complain that this gives them an aged, "skeleton-like" appearance. Non-invasive treatments have come a long way to improve their appearance.



## **Alberto DIASPRO, MD**

*Consultant and Researcher – Maxillo-facial and Facial Plastic Surgery – Italy*

Dr Alberto Diaspro has received Medical Degree and specialization in Maxillo-facial Surgery from the University of Turin – Italy. He earned his Aesthetic Medicine Diploma from the Post University School of Aesthetic Medicine S.M.I.E.M.-Agorà in Milan, his Master of Sciences diplomas in Aesthetic Medicine and Therapy from the University of Camerino and in Facial Plastic Surgery from Tor Vergata University, in Rome. He works as private consultant and independent researcher in Maxillo-facial surgery and Facial Plastic surgery.

### **Abstract**

#### **Microbotulinum: a Quantitative Evaluation of Aesthetic Skin Improvement**

Microbotulinum refers to the systematic injection of tiny blebs of diluted botulinum toxin at repeated intervals into the skin. This targets the superficial fibers of the facial muscles, and weakens their insertion into the undersurface of the skin, which is responsible for the fine lines and wrinkles on the face. The Authors present a pilot study based on quantitative evaluation, by means of a skin-scanning technology, of the aesthetic improvement of skin texture, micro-roughness and enlarged pore size in a patient group treated with microbotulinum injections for cosmetic purposes. The treatment was performed using a 32G needle in order to deliver injections on a regular 1 cm grid from the forehead to the cheek and down to the jawline. Sixty out of the 62 patients completed the study. All analyzed parameters improved significantly ( $p < 0.0001$ ) at T90 with respect to T0. (Skin texture:  $-1.93 \pm 0.51$ ; Micro-roughness:  $-2.48 \pm 0.79$ ; Pore Diameter:  $2.1 \pm 0.43$ ). Best results have been obtained in patients aged between 42,7 and 46,8 years, and SD calculation allow us to recommend it in patients aged between 36,5 and 53 years. The results of this pilot study suggest that intradermal botulinum toxin injection, or so-called Microbotulinum, is a safe and effective method to treat skin flaws affecting . Because of the high satisfaction rate both among physicians and patients, further studies are indeed mandatory to determine the optimal number of units needed for a longer and lasting effect with this particular novel dilution.



**Micheline MAAMARI, MD**

*Dermatologist – Dermaclinic – Sacré Coeur Hospital – Lebanon*

Dr Micheline Maamari Chalouhi is a graduate of the American University of Beirut where she received her medical degree in 1999 and completed a four year residency program in dermatology in 2003. She has been practicing in Lebanon ever since at her own private clinic (Dermaclinic) where she delivers medical and aesthetic treatment to her patients. She is also treats inpatients and is a consultant at Sacre Coeur hospital, a main health care institute in Mount Lebanon. Dr Chalouhi is an expert in fillers, toxins and lasers. She is an

active member of an aesthetic task force that collaborates with the LOP and MOH and the aim is to make sure patients receive the best and safest aesthetic treatments. She is currently on the advisory board of IPSEN and Galderma and has cofnducted clinical trials for their products and does training and workshops in the Middle East and Europe. She is arab board certified in dermatology , a member of the alpha omega alpha medical honor society and currently the vice president of the Lebanese Dermatology Society.

**Abstract:**

**Hyaluronic Acid Fillers and Scleroderma**

Scleroderma is a rare and chronic autoimmune disease, that presents with progressive fibrosis of the skin and other organs. There is still no treatment for this disease, and medications administered are either to slow down the progression or to alleviate the symptoms. Patients with scleroderma suffer from fatigue, pain, and also the change in their physical appearance affects their self-esteem, which can lead to social withdrawal and eventually depression. There are typical facial changes that occur in the course of the disease. Dermatologists should be aware of the available treatments that can be offered to those patients because not only do they improve their physical appearance but they also have a profound impact on their quality of life. While fat transfer was the first treatment that was performed on the different forms of scleroderma, and has given safe and long lasting results, we need to look for a treatment that is more readily available, as well as practical and safe. There are very few case reports in the literature describing the effects of Hyaluronic acid injections. The recently explored effects of Hyaluronic acid on adipose tissue as well as its hydration capacity makes it a practical alternative treatment for these patients.



**Alessandra HADDAD, MD**

*CEO - Haddad Medical and Surgical Clinic*

*Affiliate professor, Chief and Scientific Coordinator of Skin Care, Cosmetic Dermatology and Laser Section - Federal University of São Paulo – Brazil*

Dr Alessandra Haddad is a board-certified Plastic Surgeon. She complete her Master Degree and PHD in Skin Cancer at the Federal University of São Paulo (UNIFESP) – Brazil. Dr Haddad is currently CEO of Haddad Medical and Surgical Clinic, Affiliate professor, Chief and Scientific Coordinator of Skin Care, Cosmetic Dermatology and Laser Section at the UNIFESP - Brazil. She is a researcher in fillers, lasers, and PDT. Dr Haddad is coordinator on Non Invasive, Cosmeceuticals and Laser Post Graduation Course at the Hospital Israelita Albert Einstein - Brazil. She has an extensive practice in training other doctors with advanced filler and toxin techniques, with more than 250 participations in lectures workshops and conferences. Dr Haddad is a key expert trainer for Galderma, Cutera, Ultherapy Fotona BTL. She is the author of several scientific publications, listed in [www.lattes.cnpq.br](http://www.lattes.cnpq.br) and of the book "Oculofacial Aesthetic rejuvenation"- Elsevier, London UK.

**Abstract:**

**Aesthetic and Functional Lips Approach – Kissability and Talkability Concept**

Review of aesthetic and functional lips assessment and customized techniques.



## **Benoit HENDRICKX, MD**

*Associate Professor in Plastic surgery at the University Hospital Brussels – Belgium*

Pr Benoit Hendrickx graduated summa cum laude in medicine at the University of Leuven - Belgium. He obtained his specialist degree in plastic surgery after training and fellowships in Belgium, the UK and Australia with a focus on microsurgery and cosmetic surgery. Meanwhile, he also obtained a PhD in biomedical sciences on the application of human blood derived progenitor cells in wound healing and skin tissue engineering. Pr Hendrickx currently holds a consultant position as associate professor in plastic surgery

at the University Hospital Brussels (UZ Brussel) and has two private practices, one Knokke and one Brussels. He is author of many scientific and clinical publications and developed a profound interest in facial anatomy and injectables. He is teacher at many facial anatomy fresh cadaver dissection and injectable courses and organizer of several meetings on facial aesthetics and rhinoplasty. With this background, he is developing new technologies to increase safety for injectables. Based on Augmented Reality. Pr Hendrickx is a board member of the Royal Belgian Society of Plastic Surgery (RBSPS), a member of the International Society of Aesthetic Plastic Surgeons (ISAPS), the European Association of Plastic Surgeons (EURAPS) and the American Association of Plastic Surgeons (AAPS) and associate editor of the Plastic and Reconstructive Surgery-Global Open journal (PRS-GO).

### **Abstract**

#### **Augmented Reality (AR) Entering the World of Cosmetic Medicine: Visualization of Individual Patient's Arterial Network on Your Smartphone.**

The increasing number of filler injections unfortunately comes along with an explosion in the number of cases of skin necrosis and/or blindness, both due to intra-arterial injection of the filler. A thorough understanding of the arterial anatomy of the face is mandatory but insufficient to avoid these complications, as there is a myriad of anatomical variations. Until now, only classic angiography or CT angio was able to visualize the arterial network of the face, with all the related complications of radiation and contrast injection. We present for the first time a method to visualize all relevant facial arteries that are at risk during filler injection ranging from the Superficial Temporal Artery, over the terminal branches of the Ophthalmic Artery to the branches of the Angular Artery, using either 1,5T or 3T Magnetic Resonance Imaging (MRI), without injection of intravenous contrast. Thereafter we developed an algorithm to isolate only the arterial network of the face, translate it into a 3D image and display that on the face of that individual person in AR using any kind of smartphone, thus allowing us to see the arterial network of that person, displayed on the face, in a dynamic and 3D fashion. This technology therefore not only represents the first analysis of the full arterial network of the face of an individual person without radiation or contrast injection, but also the first visualization of an individual arterial network in AR on a person's face.



**Joan VANDEPUTTE, MD**

*Founder of the Plastic Surgery Unit – Oudenaarde General Hospital – Belgium*

Dr. Joan Vandeputte founded the division of plastic surgery unit in the Oudenaarde General Hospital in 1995. His private practice is entirely devoted to minimally invasive cosmetic procedures. His prime interests are aesthetic facial surgery and volume replacement, facial skin cancer surgery, functional and aesthetic surgery of the eyelids, and body contouring. He has presented on these topics in workshops, “inject and dissect” cadaver courses and plastic surgery meetings across the world.

**Abstract:**

**What Happens to Volumizing Hyaluronic Acid in the Subcutis? Ultrasound Videos, Ultrasound Measurements, and Histology**

What do we see when hyaluronic acid gel injection in adipose tissue is monitored by ultrasound (US) examination? Does a cannula deliver the filler where we intend it to go? Can we always find HA on US? What really happens when we compress, remodel or massage an injected area? Does histology concur with US? Is there any histological indication of water absorption or filler migration over time? What is the tissue response? The presentation is focusing on ultrasound films, representative histology and possible clinical implications of research published as “Spreading Pattern and Tissue Response to Hyaluronic



**Ahmad ALISSA, MD**

*Director – Derma Clinics – KSA*

Dr Ahmad Alissa is Director of Derma Clinics – KSA. He is also Director of the National Center for Vitiligo & Psoriasis. Dr is specialized in laser and photobiology. He is certified by the American and Canadian Boards of Dermatology. Dr Alissa completed his fellowship in Laser and Photobiology at the University of British Columbia – Canada.





## **Babak SAEDI, MD**

*Professor of Facial Plastic Surgery – Tehran University – Iran*

Pr Babak Saedi is professor of facial plastic surgery in the otolaryngology department of Tehran University – Iran. He is also head of the rhinology and facial plastic surgery section of the scientific committee of the Iranian Society of Otolaryngology and board member of the Iranian Rhinology Society. Pr Saedi is the author of 66 Articles published in major journals with more than 550 citations. He member of the editorial board of 24 journals & Peer Reviewer of 33 journals.

### **Abstract:**

#### **Effect of Photobiomodulation on Ecchymosis after Rhinoplasty: A Randomized Single-Blind Controlled Trial**

This study was conducted to compare the effect of photobiomodulation therapy (low-level laser therapy) on ecchymosis after rhinoplasty. Sixty rhinoplasty candidates were randomly divided into two groups. Photobiomodulation, including red light (660 nm), infrared light (840 nm), and infrared laser, was used in the first group on the first postoperative day, and its effect on periorbital ecchymosis was evaluated. The findings showed that low-power laser reduced ecchymosis significantly ( $p = 0.005^*$ ). Photobiomodulation may be effectively used for reducing ecchymosis after rhinoplasty.

#### **Oral Isotretinoin in the Treatment of Postoperative Edema in Thick-Skinned Rhinoplasty: A Randomized Placebo-Controlled Clinical Trial**

The thick-skinned nose is still one of the most challenging aspects of rhinoplasty. The possible effects of oral isotretinoin on cosmetic results of rhinoplasty in patients with thick nasal skin have been considered during recent years. In this double-blind placebo-controlled clinical trial, 48 cases were divided into two groups randomly. Oral isotretinoin (0.5-mg/kg) was started on the 31st day after surgery and given every other day for 1 month and after that daily for two additional months in the first group. The second group received a placebo in the same form, sequence and interval as the first group. The cosmetic results based on patient satisfaction and ranking by an expert surgeon were compared between the two groups at 3 months, 6 months and 1 year after surgery. Patient satisfaction and ranking by an expert surgeon in the isotretinoin group at 3 months and 6 months after surgery were significantly better than in the placebo group ( $p$  value  $< 0.05$ ); however, at 12 months after surgery there was no statistically significant difference between the two groups ( $p$  value  $> 0.05$ ). Though postoperative use of oral isotretinoin in patients with thick nasal skin accelerates improvement in cosmetic results during the early months after surgery, it does not significantly affect the final cosmetic result 1 year after surgery.



**Andrea SERVILI, MD**

*Aesthetic Surgeon – Scientific Partner and Consultant –  
NGH – Italy*

Dr Andrea Servili received his medical degree in 2000, at the University of Perugia, perfecting his medical training in Oral Surgery the next year, at the University of Naples, within the school of maxillofacial surgery. He then took the full specialization in maxillofacial surgery at the University of Bari and earned his diploma in Aesthetic Medicine at the International School of Aesthetic Medicine, "Fondazione Internazionale Fatebenefratelli" directed by

Prof. Carlo Alberto Bartoletti. Additionally, in 2012, he obtained a master's degree in Aesthetic Medicine at the University of San Marino. Dr Servili is Founder and President of "TUTELA MEDICI ESTETICI", the first Italian advocacy group for aesthetic doctors and surgeons. Since 2002, Dr Servili is registered at the General Medical Council, the Order of doctors in the UK. From June 2012, is a member of the Aesthetic Medicine Commission of the Surgeon Doctors Order in Rome. Furthermore, he has been Professor at the Lumsa University, Humanitas group for the II level Master in Aesthetic medicine from 2016 to 2019. His career is enriched by several experiences abroad; he has served as a doctor in Murcia, Spain at the University Hospital «Virgen de la Arrixaca», at the University Hospital of Belgrade, Serbia, at the Hospital in Krusevac, Serbia and Montenegro. Since 2003, he is a member of the International organization "OPERATION SMILE", an association which is dedicated to bring facial reconstructive surgery to kids in need worldwide, and took part in several missions, including Morocco, India, Afghanistan, Siberia (Russia) and Armenia. Since 2007 he joined the International organization "THE SMILE TRAIN", another non-profit organization providing corrective surgery for children with cleft lips and palates, taking part in missions to Italy, Iraq, Indonesia, Côte d'Ivoire, Ethiopia, Congo, Libya, Kurdistan, Burkina Faso. As of 2020 Dr Servili is also a scientific partner and consultant for NGH, contributing to the innovation in aesthetics through the development of new injection techniques such as the TENSE.



## **Elena BARINOVA, MD**

*Dermatologist - Therapy Room – Romania*

Dr Elene Barinova is a Dermatologist, cosmetologist, medical adviser, trainer in injection and thread techniques. She is the author of training programs and participated in several international congresses (SAM, IMCAS, etc.).

### **Abstract:**

#### **Safe Zonal Lifting**

Objectives Delicate injection lifting for patients of any type with prolonged action while preserving the natural features of the face and minimizing complications. Zonal lifting is visible immediately after the injection procedure with minor external trauma. The aesthetic areas: face, neck and décolleté are simultaneously involved. A positive point is the stimulation and restructuring of the hypodermal-dermal layer, which leads to a marked improvement in the condition of the skin. Zonal lifting is aimed at reducing or not using cross-linked hyaluronic acid to a certain age in order to avoid excessive fibrosing, compression and migration of fillers fragments. Introduction Zonal lifting method is based on the division of the face into the medial and lateral parts - into the mobile and more motionless zone. In addition, the accumulation of surface fat in the medial part and resorption in many lateral areas are taken into account. In the lateral zones of the face, neck and decollete, lateral platforms are formed, to which the skin is displaced by a special technique. It contributes to the some replenishment of the volume at the sites of fat resorption. In mobile areas, skin contraction occurs by creating certain tension vectors to lateral platforms, as well as through the use of specific preparations based on hyaluronic acid: fibrosants and armirants. Materials Zonal lifting method use partially stabilized HA drugs on lateral platforms (prefillers and skinboosters ) and non cross-linked fibrosing and reinforcing drugs in the medial area of the face ("liquid threads" or armirants) for relatively young patients. With age, stabilization on the platforms should increase, and more stable preparations are used (prefillers with an increase in the percentage of cross-linked HA) due to the progression of surface fat resorption. Methods The procedure is performed by a cannula for minimal external trauma, as well as for greater hypodermal trauma with the subsequent formation of controlled microfibrrosis. Patients are conditionally divided into 1-2 and 2-3 age groups according to the principle of engaging the deeper layers, if necessary, and using a small amount of cross-linked HA for age-related patients during the resorption of deep fat compartments. Clinical results showed the absence of negative reactions, high efficiency for a long time (several months) and complete patient satisfaction.



**Rami ABADI, MD**

*General and Cosmetic Dermatologist – Lebanon*

Dr Rami Abadi is a General and Cosmetic Dermatologist with over 10 years of experience in the field dermatology and aesthetic medicine. He is the founder of his own private practice that provides the most medically advanced techniques for skin care, aesthetics, lasers and overall beauty needs. He enjoys an excellent national and international reputation through his trainings and patient-centered approach to deliver outstanding results in medicine, beauty and health.



**Georges BITAR, MD**

*Founder and Medical Director – Bitar Cosmetic Surgery Institute – USA*

Dr George Bitar is an award-winning, fellowship-trained, board certified plastic surgeon who has performed over 10,000 cosmetic facial and body procedures.

As an innovator in the field of plastic surgery, he is the founder and Medical Director of the Bitar Cosmetic Surgery Institute with offices in Fairfax and Manassas, VA that serves a sophisticated national and international patient base. offering state-of-the-art skin care, injectables and cosmetic surgery.

A strong advocate of patient safety, Dr Bitar operates at INOVA Fairfax hospital, listed as one of the top 50 hospitals in the country. He has been named one of Washingtonian Magazine's Top Plastic Surgeons by his peers, and has also been named a Top Plastic Surgeon by Northern Virginia Magazine and by Health and Beauty Magazine. He has been featured on TV shows, such as "Healthline" and "The Prudent Advisor," on multiple radio stations, and in numerous national and international magazines.



## **Dalvi HUMZAH, MD**

*Chairman of the Educational Board of the British College of Aesthetic Medicine – United Kingdom*

Dr Dalvi Humzah is a Consultant Plastic, Reconstructive and Aesthetic Surgeon. He is a full member of the British Association of Plastic, Reconstructive, Aesthetic Surgeons(BAPRAS), the United Kingdom Association of Aesthetic Plastic Surgeons(UKAAPS), American Society of Plastic Surgeons (ASPS) and the International Society of Aesthetic Plastic Surgery (ISAPS). He has been voted Aesthetic Practitioner of the Year 2016-17 and won multiple awards for his teaching in Facial Aesthetics. Dr Humzah has

always taken an active interest in teaching and training. He has been the STEP® Tutor for the Royal College of Surgeons of England and is an examiner for the Royal College of Surgeons of Glasgow. He was previously the Chairman of the Medical Advisory Committee at the Nuffield Health Wolverhampton Hospital, Chairman of the Greater Midlands Skin Cancer Group and Co-Chairman of the UK Botulinum Toxin Group for Aesthetics. He is a national and international presenter and is a Key Opinion Leader and Scientific Advisory Board Member to the Aesthetic Sector. He is Chairman of the Educational Board of the British College of Aesthetic Medicine. As the Medical Director and Lead Tutor of Medicos Rx he has been involved in delivering the multi-award winning Dalvi Humzah Aesthetic Training courses: Advanced Facial Anatomy, Complications, Injectable Training and Training Aesthetic Trainers. He is a founding member of the Academy of Clinical Educators at the Royal College of Physicians and Surgeons of Glasgow and delivers Anatomical teaching, with dissections, internationally. Dr Humzah offers plastic surgery, cosmetic surgery and non-surgical aesthetic procedures. Dr Humzah was appointed to his first Consultant Plastic and Reconstructive Surgery post in 1998 and has maintained a Private Practice since that time. Dr Humzah is an examiner for the Royal College of Surgeons and has been the Tutor for their STEP® distance learning programme. He is the Lead on the Clinical Advisory Board for the Aesthetics Journal, the Aesthetics Sub-Editor for PMFA and Deputy Editor for e-LPRAS. Dr Humzah has developed considerable expertise in the fields of skin cancer, breast, cosmetic surgery and non-surgical aesthetic interventions. He has presented numerous papers nationally and internationally in all these specialist areas.



### **Selim ARACTINGI, MD**

*Head of the Dermatology Department at Hôpital Cochin – France*

*Full Professor of Dermatology at the Medical Faculty of Paris Descartes University – France*

Dr Selim Aractingi is Head of the Dermatology Department at Hôpital Cochin – France and Full Professor of Dermatology at the Medical Faculty of Paris Descartes University – France. He is also Team Leader of « Skin Biology », Inserm UMR S 893, Institut Cochin, Descartes Medical School - France going on January 2019. Dr Aractingi is the author of more than 290 pubmed indexed publications. He obtained his Medical

Degree from Pierre et Marie Curie University, Pitié-Salpêtrière Medical School – France and his PhD in biology and pharmacology of the skin from Paris Diderot University – France.



### **Marigdalia RAMIREZ-FORT, MD**

*President & CEO of BioFort– Puerto Rico*

A native of San Juan, Puerto Rico, Dr Ramirez-Fort earned her undergraduate degree at Lehigh University and medical degree at Ponce School Health Sciences University. She completed a general surgery internship at the University of Pittsburgh Medical Center. Since then she trained in radiation oncology at the Medical University of South Carolina, jointly with a postdoctoral research fellowship in urological oncology at Weill Cornell Medicine. She now serves as President & CEO of BioFort, a privately owned corporation dedicated to the advancement of science. In addition to heading BioFort, she teaches pathophysiology

at San Juan Bautista School of Medicine, in Caguas, Puerto Rico. Dr Ramirez-Fort has authored more than 50 articles, abstracts and book chapters, and served as the lead editor for a textbook on human papillomavirus for Karger Publishers. She has run over 27 investigator initiated or pharmaceutical sponsored clinical trials as sub-, co- or principal investigator. Throughout her career as a physician-scientist, Dr. Ramirez-Fort has been involved in a wide range of preclinical and clinical research, including studies involving the effects non-ionizing and ionizing radiation on a cellular and organismal level. Her current research interest involves the use of electromagnetic radiation within the ultraviolet and X-ray to Gamma-ray wavebands to inactivate SARS-CoV-2 and host-associated inflammatory and hypercoagulatory states.

## **Abstract:**

### **Global Viral Load Reduction by BioFort**

Towards achieving Global Viral Load Reduction (GVLR) of SARS-CoV-2, intellectual resources should be directed towards the development of dosimetry and optimization of the electromagnetic radiation (EMR) therapeutic ratio for the inactivation of virions. SARS-CoV-2 is inactivated by 90% at solar noon within 11-34 mins during the summer solstice, but could take more than 300 mins during the winter solstice, contingent on the latitude location. A 1-log reduction (i.e., 90%) in SARS-CoV-2 viral load has been achieved with 2-5 mJ/cm<sup>2</sup> of UV-C irradiation. BioFort has calculated that 69 mJ/cm<sup>2</sup> of narrow-band UVB is required to reduce 90% of SARS-CoV-2 viral load in tissues. The latter requires clinical validation prior to widespread clinical implementation.



**Souleima CHAMAT, PhD**

*Professor of Immunology – Faculty of Medical Sciences  
Co-director of the Laboratory of Immunology and Vector -  
Borne Diseases  
Lebanese University – Lebanon*

Dr Souleima Chamat is currently Professor of Immunology at the Faculty of Medical Sciences, and Co-director of the Laboratory of Immunology and Vector-Borne Diseases at the Lebanese University – Lebanon. She completed her PhD in Immunology at Paris VII University – France. Dr Chamat's main research focus is on vaccine development including the development of experimental models for vaccine evaluation in humanized mice and the development of novel vaccination protocols.



**Jacques MOKHBAT, MD**

*Chair of the Department of Internal Medicine – Lebanese  
American University Gilbert and Rose-Marie Chagoury  
School of Medicine – LAU Medical Center- Rizk hospital –  
Lebanon*

Dr Jacques Mokhbat is currently the Chair of the Department of Internal Medicine at the Lebanese American University Gilbert and Rose-Marie Chagoury School of Medicine and LAU Medical Center- Rizk hospital. He graduated from Saint Joseph University in Beirut with a degree in Medicine in 1977 and completed specialty training in Clinical Microbiology at the Saint Joseph Hospital/Broussais Paris, France. He obtained certificates in Medical Bacteriology, Virology and Immunology. He went on to complete a residency in Internal Medicine at Saint Michael Medical Center in Newark, New Jersey, USA. After which, he completed a fellowship in Infectious Diseases at the University of Minnesota in Minneapolis, USA. Dr. Mokhbat is American Board certified in Internal Medicine & Infectious Diseases. After being an Assistant Professor of Medicine at the American University of Beirut, he then joined the growing Lebanese University Faculty of Medical Sciences where he chaired the Department of Microbiology, then the Department of Medicine. He was also appointed Professor of Medicine. After joining the LAU Gilbert and Rose-Marie Chagoury School of Medicine, Dr Mokhbat was first appointed as Chair of Medicine then Associate Dean for Graduate Medical Education from 2013 - 2016. He has been active in clinical and educational activities as well as research projects. Dr Mokhbat is experienced in the treatment and management of the HIV infection and is a passionate advocate of people living with HIV and AIDS. He worked as consultant to the WHO Program on HIV/AIDS and served as advisor to several countries in the Middle East and North Africa in the field of medical management of HIV/AIDS. Dr Mokhbat is also a member of many Professional Societies like the American College of Physicians, the American Society for Microbiology, the Infectious Diseases Society of America, the International AIDS Society, the Lebanese Society for Infectious Diseases and the Lebanese AIDS Society amongst others.





**Alfred AMMOURY, MD**

*Head of the Division of Dermatology –Saint George Hospital  
University Medical Center – University of Balamand –  
Lebanon*

Dr Alfred Ammoury is member of the research committee and the head of division of dermatology at Saint George Hospital University Medical Center and Balamand University - Lebanon. Dr Ammoury received his medical degree from the Faculty of Medical Sciences at the Lebanese University - Lebanon in 2001 and obtained a diploma in Dermatology from the Lebanese University – Lebanon. in 2005. Prof. Ammoury completed the “Attestation de Formation Spécialisée Approfondie” of Dermatology in 2006 and the AFSA of Allergy and Immunology from the School of Medicine at Paul Sabatier University – France in 2007. He received as well an interuniversity diploma of Esthetic Dermatology, Lasers and Cosmetology from Victor Segalen University - France in 2007. Dr Ammoury has more than 46 publications and participated in 7 clinical trials.



**Diamant THAÇI, MD**

*Director and Full University Professor – Institute and  
Comprehensive Center of Inflammation Medicine – University  
Lübeck – Germany*

Pr Diamant Thaçi is the is the director and full university professor at the Institute and Comprehensive Center Inflammation Medicine at the University of Lübeck - Germany. He is also chairman of the inflammatory board at the university hospital Schleswig-Holstein campus Luebeck - Germany. Dr Thaçi’s research experience covers immunological work in basic research and as well, all stages of clinical drug development especially in chronic inflammatory skin diseases like psoriasis, atopic dermatitis, hidradenitis suppurativa etc.. He has been involved in numerous investigator-driven trials, and acted as main investigator on large numbers of national and international multicentre trials. Pr Thaçi is the author of numerous articles published in high reputation journals. He is the editor, co-editor, member and scientific reviewer for several scientific journals. Pr Thaçi is a member of the steering committee of the Group for Research and Assessment of Psoriasis and Psoriatic Arthritis (GRAPPA), active member of International Psoriasis Council (IPC), International Eczema council (IEC), and SPIN - Skin Inflammation & Psoriasis International Network (SPIN).





### **Ahmad JALILI, MD**

*Director – Department of Dermatology & Skin Care –  
Buergenstock Medical Center – Switzerland*

Dr Ahmad Jalili is currently Director of the Department of Dermatology & Skin Care, Buergenstock Medical Center - Switzerland and President of DermaNet, Competent Network of Dermatologists in Switzerland. He is reviewer of more than 32 medical journals and research grant providers including governmental institutions, investigator in more than 15 clinical trials and author of more than 45 publications. Dr Jalili is member of the Swiss & Austrian Societies for Dermatology & Venerology as well as the European Academy of Dermatology & Venerology.



### **Melinda GOODERHAM, MD**

*Dermatologist Medical Director - SKiN Centre for  
Dermatology – Canada*

Dr Melinda Gooderham is a Dermatologist and Medical Director at the SKiN Centre for Dermatology - Canada and an Investigator with Probitry Medical Research. She is an Assistant Professor at Queens University and a Consultant Physician at the Peterborough Regional Health Centre. She is a fellow of the Royal College of Physicians and Surgeons of Canada. She received her MD from the University of Western Ontario in 1999, and then completed her Dermatology residency at the University of Toronto in 2004. Prior to training in medicine, Dr. Gooderham obtained a Bachelor of Science from Queens University in Kingston in 1992, and a Master of Science from the University of Guelph in 1995. Dr. Gooderham is actively involved in teaching medical students, residents, nurse practitioners and physicians with both didactic and clinical hands-on teaching. She practices with a focus on psoriasis, atopic dermatitis, skin cancer and clinical research.

## **Abstract:**

### **Silencing Psoriasis**

This presentation aims **to** explore the differences between all classes of biologics by examining current data, H2H trials and meta-analyses and to look at the safety of these biologics over the short- and long-term Use a case-based approach to discuss these data



**Christopher SCHUSTER, MD**

*Associate Professor at the Medical University of Vienna – Austria*

Dr Christopher Schuster is Associate Professor at the Medical University of Vienna and Senior Medical Advisor at Eli Lilly and was trained at the Medical University of Vienna, the University of Bristol and at Harvard Medical School. He spent several years in basic science studying the ontogeny of the human skin immune system before receiving his specialization in the field of immunodermatology, where he focused on biologic treatments of psoriasis, autoimmune blistering diseases and HIV. He is a member of various international dermatological societies and peer reviewer for multiple major dermatological journals including the Journal of Investigative Dermatology.



**Thomas LUGER, MD**

*Professor of Dermatology – University of Münster – Germany*

Dr Thomas Luger obtained his MD from Vienna University, where he was Resident and Assistant Professor of Dermatology. From 1990 - 2018 he was the Director and Chairman of the Department of Dermatology, and the Director of the Institute of Cell Biology and Immunobiology of the Skin at Münster University. His clinical interest is focused on allergic inflammation and autoimmune diseases of the skin, and his main areas of research are the role of cytokines and neuropeptides in the regulation of the function of dendritic cells on immune tolerance. He is the Past-President of the German Society of Dermatology and Editor of the journal Experimental Dermatology. He is a former Dean of the Medical Faculty of the Westphalian Wilhelms University Münster and Member of the Austrian Academy of Sciences, Member of the German Academy of Natural Science Leopoldina, and Member of the Northrhine-Westphalian Academy of Sciences and was awarded the title of "Doctor honoris causa" by the Medical School of the University of Athens and is member of the Board of Directors of the International League of Dermatological Societies.



**Nancy MUFFARIG, MD**

*Dermatology & Aesthetic Medicine – Beirut Skin Space – Lebanon*

Dr Nancy Muffarig Younes is a regionally recognized dermatologist. She is the founder and director of Beirut Skin Space in Lebanon, a multidisciplinary clinic combining the “disease” and “desire” aspect of beauty, offering its clientele a wide variety of treatments targeting medical conditions of the skin and soft tissue as well as procedures designed to aesthetically enhance the face and body. Her extensive experience spans over 30 years and her clientele of more than 50,000 patients includes both local and regional A-list celebrities. She graduated with Honors from the American

University in Beirut in 1987 with a MD in Dermatology and Venereology. She is a member of the Lebanese Order of Physicians as well as the Lebanese Society of Dermatology, and serves as a brand ambassador and speaker for leading international brands.

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