

CURRICULUM VITAE

Name: Mara Mădălina MIHAI (before marriage: OANEA)

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Date and place of birth: April 25th, 1986, Suceava, Romania; **Nationality:** Romanian

a). Current Positions and Affiliations:

University Assistant- Department of Oncological Dermatology and Allergology, "Carol Davila" University of Medicine and Pharmacy (CD UMP), Bucharest, RO

Specialist Doctor in Dermatology and Venereology, Bioderm Laser Clinic, Bucharest, RO,

Coordinator of the Phototherapy Department, Bioderm Laser Clinic, Bucharest, RO

Volunteer in Dermoscopic Skin Cancer Screening - Melanoma MAYDAY Association

Editorial Board Member of the International Journal of Surgery and Transplantation Research

b). Education and Research

Oct. 2013 - May 2016 - **PhD**, Department of Microbiology and Infectious Diseases, **CD UMP**: "Modern diagnostic and therapeutic management of chronic venous ulcers", *Summa cum laude*

Oct. 2012 - Oct. 2016: University Assistant, Department of Medical Microbiology II, **CD UMP**

Jan. 2012 - Feb. 2015: Resident Doctor in Dermatology and Venereology, "**Elias**" **Emergency Hospital**, Bucharest, RO

2005 - 2011: Medical studies, **CD UMP**, Graduation Thesis: " Clinical and epidemiological features of patients with HTLV-1 infection: a 12-year follow-up", scored 10/10

2009 - 2010: Erasmus Scholarship Faculty of Medicine, "**Claude Bernard**" **University, Lyon I, France**

c). Training courses:

2016: European School of Dermato-Oncology: Update on Cutaneous Oncology, Berlin, Germany

2016: European Academy of Dermatology and Venereology (EADV) Fostering Master Class, "Medical Imaging", **Athens, Greece**;

2014: EADV Master Class, "Non-melanoma skin cancers", **Belgrade, Serbia**; EADV Course, Genodermatoses, **Innsbruck, Austria**;

2014: Bacterial biofilms and their role in chronic infection, Graduate School of Health and Medical Sciences, **University of Copenhagen, Denmark**;

2014: BIOC372.1x, Fundamentals of Immunology Part 1, **Rice University, USA**

2013: EADV Course, Sexually Transmitted Infections, **Oxford, United Kingdom;**

2008: IFMSA (International Federation of Medical Students' Associations) professional exchange programme - Department of Cardiology and Internal Medicine, **Osijek, Croatia.**

d). Grants, scholarships and awards:

Oct. 2013- Dec. 2015, **Scholarship for PhD studies**, financed by the European Social Fund and the Romanian Government, POSDRU/159/1.5/S/141531, Development of human resources- doctoral and postdoctoral fellows. Excellence in healthcare and biotechnology research, Bucharest, Romania

Prizes and awards obtained through international competition

4 EADV Scholarships and Travel Grants for the participation to: Master Class “Medical Imaging in Dermatology” (Athens, Greece, 2016); Master Class “Non Melanoma Skin Cancers: A Holistic Approach and State of the Art” (Belgrade, Serbia, 2014); “Genodermatoses” (Innsbruck, Austria, 2014); "Sexually Transmitted Infections Trainee Course" (Oxford, Great Britain, 2013).

Prizes and awards obtained through national competition

Award for Research Results, the National Programme of Research and Development- Human Resources, Competition 2015 for the publication of „*Microbial biofilms: impact on the pathogenesis of periodontitis, cystic fibrosis, chronic wounds and medical device-related infections*”, Q2

Dec. 2015 - First Prize as Scientific coordinator, Fundamental Sciences, National Congress for Students and Young Doctors, 19th Ed., Bucharest, RO: Ciobanu S, Gheorghe I, Holban AM, **Mihai MM**, *Comparison of resistance features of bacterial strains isolated from chronic wounds.*

Dec. 2016- Honourable mention as Scientific coordinator, Fundamental Sciences, National Congress for Students and Young Doctors, 20th Ed., Bucharest, RO: Cîrstea AM, Dorobanțu AMN, Popa MI, **Mihai MM**, *Bacterial biofilms- an essential target in the management of chronic cutaneous ulcers.*

d). Member in Research Grants: 2014 - 2016: Project Leader, Young Researchers Projects, “Carol Davila” UMP, Bucharest, Romania.

e). Member in Scientific Societies: ESCMID (European Society of Clinical Microbiology and Infectious Diseases), EADV (European Academy of Dermatology and Venereology), SRD (Romanian Society of Dermatology), IDS (International Dermoscopy Society)

f). Research results: 5 articles published in ISI indexed preceedings (3 as first author); 9 articles published in journals indexed in international databases (4 as first author); 30 communications in international and national scientific events.

LIST OF PUBLICATIONS

Obs: The name of the author has changed from Oanea Mara Mădălina to Mihai Mara Mădălina on 03.09.2011.

FORM SECTIONS:

1. Journal articles

1. **Mihai MM**, Holban AM, Giurcaneanu C, Popa LG, Oanea RM, Lazar V, Chifiriuc MC, Popa M, Popa MI. Microbial biofilms: impact on the pathogenesis of periodontitis, cystic fibrosis, chronic wounds and medical device-related infections. *Curr Top Med Chem* 2015;15(16):1552-76. IF 2015: **2.900**
2. Bumbacea RS, **Mihai MM**, Orzan OA, Popa LG, Tovar SR, Giurcaneanu C. Familial Case of White Sponge Nevus - Diagnosis and Therapeutical Challenges. *Acta Dermatovenerol Croat* 2015;23(3):228-32. IF 2015: **0.469**
3. **Mihai MM**, Holban AM, Giurcăneanu C, Popa LG, Buzea M, Filipov M, Lazăr V, Chifiriuc MC, Popa MI. Identification and phenotypic characterization of the most frequent bacterial etiologies in chronic skin ulcers. *Rom J Morphol Embryol* 2014;55(4):1401-8. IF 2015: **0.811**
4. Nitipir C, Barbu MA, Popa LG, **Mihai MM**, Radu I, Mirea D, Giurcaneanu C, Scaunasu RV. Management of papulo-pustular rash induced by epidermal growth factor receptor inhibitors. *Farmacia*. 2015; 63(6): 805-10. IF 2015: **1.162**
5. Enachescu CI, **Mihai MM**. Clinical and histological features of basal cell carcinomas. *Rev.Chim.* 2016;67(9):1701-1706. IF 2015: **0.956**

6. **Mihai MM**, Popa LG, Nitipir C, Popa MI, Giurcaneanu C. Controversies and challenges of chronic wound infection diagnosis and treatment. *Modern Medicine* 2015; 22(4):375-381.
7. Nitipir C, Popa LG, Barbu MA, Radu I, **Mihai MM**, Giurcaneanu C. Response to chemotherapy of paraneoplastic erythroderma in a patient with ovarian cancer. *Modern Medicine* 2015; 22(3):282-286.
8. Solomon I, Giurcaneanu C, Popa LG, **Mihai MM**. Infectious pathogenesis and antibiotic therapy in hidradenitis suppurativa. *Infectio.ro*. 2016;46(2):28-32.
9. Ciobanu S, **Mihai MM**, Popa LG, Giurcaneanu C, Popa MI. Considerations on the pathogenesis of chronic venous ulcers-review. *Infectio.ro* 2015;44(4):19-24.
10. Predescu T, Margaritescu I, **Mihai MM**, Forsea AM, Giurcaneanu C. Lichen scrofulosorum – a rare form of cutaneous tuberculosis. Case report. *Dermatovenerologia* 2015;60(1):19-30.
11. **Mihai MM**, Popa MI, Clatici VG, Voicu C, Maftai-Antoneag IM, Giurcaneanu C. Propionibacterium acnes and acne etiopathogenesis. *RoJCED* 2014; 1(1):78-80.
12. **Mihai MM**, Popa MI. Dental bacterial biofilm. *Infectio.ro* 2014;37(1):28-31.
13. **Mihai MM**. Cutaneous manifestations in patients with HIV/AIDS (Part I). *Infectio.ro* 2012;32(4):19-21.
14. Hristea A, Popa MI, **Mihai MM**, Lupu A, Arama V. Cutaneous manifestations in patients with HIV/AIDS (Part II). *Infectio.ro* 2013;34(2):26-33.

(b) Published abstracts

1. **Mihai MM**, Holban AM, Giurcaneanu C, Popa LG, Buzea M, Filipov M, Chifiriuc MC, Popa MI. Comparison of virulence and resistance patterns in chronic wound isolates. *Maedica*. 2015;10(supp):112-2.
2. **Mihai MM**, Popa MI, Giurcaneanu C. Ulcere venoase cronice. Metode moderne de diagnostic și de monitorizare a evoluției sub tratament, The Congress of “Carol Davila” University of Medicine and Pharmacy, București, România, 2013; J Med Life 2013;6(1):49; ISSN 1844-122xx.
3. Popa LG, **Mihai MM**, Nichita M, Popescu I, Forsea AM, Giurcaneanu C. Changes in melanocytic naevi under BRAF-inhibitor therapy for advanced melanoma. *BRITISH JOURNAL OF DERMATOLOGY* 171(3), E56-E57.

2. Books

(a) Chapters in international books

1. **Mihai MM**, Holban AM, Călugăreanu A, Orzan OA. Recent advances in diagnosis and therapy of skin cancers through nanotechnological approaches. Elsevier 2017, in press (accepted on 01.11.2016).
2. Romanian translation of the chapter- Benign disorders of the lower reproductive tract. In Hoffman B, Schorge J, Schaffer J, Halvorson L, Bradshaw K, Cunningham F, Vlădăreanu R, 2015, Williams Ginecologie: Tratat și atlas de tehnici chirurgicale. Ed. Hipocrate, București, ISBN: 9789738837256.

(b) Chapters in national books

1. **Oanea MM**, Popa GL. *Microorganism-Host Relationships*. In: *Medical Microbiology* (Popa LG, Popa MI), 2nd edn. Bucharest: APP, 2008;8:85-93.
2. Popa GL, **Mihai MM**. Phenotypical characteristics of bacteria. Identification tests. In: *Book of microbiology seminars* (Popa GL), Bucharest: Ed. Renaissance, 2014;48-59.
3. Popa GL, **Mihai MM**. Laboratory diagnosis in infections caused by pathogenic and opportunistic cocci. In: *Book of microbiology seminars* (Popa GL), Bucharest: Ed. Renaissance, 2014;94-105.
4. Popa GL, **Mihai MM**. Elements of oral microbiology- Dental biofilms and their pathogenic outcome. In: *Book of microbiology seminars* (Popa GL), Bucharest: Ed. Renaissance, 2014;162-170.
5. Popa MI, **Mihai MM**. *Methods of disinfection and sterilisation in the microbiology laboratory*. In *Laboratory diagnosis in microbiology* (Popa MI), Bucharest: Ed. Renaissance, 2014;18-24.
6. Popa GL, **Mihai MM**. Laboratory diagnosis in treponemal infections. In: *Book of microbiology seminars* (Popa GL), Bucharest: Ed. Renaissance, 2014;141-149.
7. Popa MI, **Mihai MM**. *Laboratory diagnosis in infections caused by Mycoplasma spp*. In *Laboratory diagnosis in microbiology* (Popa MI), Bucharest: Ed. Renaissance, 2014;295-298.

3. Web Publications

- **Oanea MM**, Popa GL. *Microorganism-Host Relationships*. In: *Medical Microbiology* (Popa GL, Popa MI), 3rd edn, Bucharest, 2010; 8(1). Available at: www.microbiologie.ro

- Developer of the websites: www.bioderm.ro; www.melanomamayday.ro (articles on various skin diseases and treatment options, lasertherapy, phototherapy; skin cancer screening)

4. Active participation in scientific events

(a) Oral presentations

1. **Oanea MM**, Gheorghe-Guta A. Normal microbial flora of the intestinal system -Friend or Enemy? *National Congress for Students and Young Doctors, 11th Edition*. Bucharest, Romania , 6-9.12.2007 (Oral Presentation)
2. Gheorghe-Guta A, **Oanea MM**. Nasal and pharyngeal microbial carriage among students in the medical community. *National Congress for Students and Young Doctors , 11th Edition*. Bucharest , Romania, 6-9.12.2007 (Oral Presentation)
3. **Oanea MM**, Gheorghe-Guta A. The normal gut flora- Interactions with the human body. *2nd International Medical Congress for Students and Young Doctors*. Chisinau , Moldova, 14-17.05.2008 (Oral Presentation)
4. Gheorghe-Guta A, **Oanea MM**. Antibiotic susceptibility for nasal and pharyngeal bacterial strains isolated from medical students. *2nd International Medical Congress for Students and Young Doctors*. Chisinau, Moldova, 14-17.05.2008 (Oral presentation)
5. Giurcaneanu C, Russu L, Giurcaneanu D, Sprancenatu PG, Russu M, **Mihai MM**. Treatment of androgenetic alopecia with low-level laser (LLLT) . *The 12th National Congress of Dermatology with International Participation*. Targu -Mures , Romania , 23-26.10.2013 (Oral presentation)
6. **Mihai MM**, Giurcaneanu C. Modern diagnostic and therapeutic approaches to chronic venous ulcers. *The 12th National Congress of Dermatology with International Participation*. Targu -Mures , Romania , 23-26.10.2013 (Oral presentation)
7. **Mihai MM**, Clatici VG . Diagnostic and therapeutic algorithm of patients with chronic wounds . *Training Workshop : WoundCare. Chronic dermal lesions with loss of substance- home practical approach*. Bucharest, Romania, 15-22.11.2013 (Oral presentation)
8. **Mihai MM**, Clatici VG, Giurcaneanu C. Bacterial microbiota of chronic venous ulcers. *National Congress for Students and Young Doctors , 17th Edition*. Bucharest, Romania, 4-8.12.2013 (Oral presentation)
9. **MM Mihai**, Orzan O, Ene A, Tovar RS, Giurcaneanu C. Hereditary mucous leukokeratosys. *ReziDerma, the first conference of the interns in dermatology, 1st Edition*. Iasi, Romania 7-9.03.2014 (Oral presentation)

10. **Mihai MM**, Clatici VG, 2014, Delayed healing of venous ulcers- causes and therapeutic solutions., Oral, *The congress of the national society of vascular surgery*. Sibiu, Romania, 16.10.2014 (Oral presentation)
11. **Mihai MM**, Holban AM, Giurcaneanu C, Popa LG, Buzea M, Filipov M, Chifiriuc MC, Popa MI. Comparison of virulence and resistance patterns in chronic wound isolates. *The Congress of "Carol Davila" University of Medicine and Pharmacy*. Bucharest, Romania, 30.05.2015 (Oral presentation)
12. Popa LG, **Mihai M**, Stan L, Solomon I, Giurcaneanu C. Rowell Syndrome- Case report. *The 14th National Congress of Dermatology with International Participation*. Bucharest, Romania 21-24.10.2015
13. Popa LG, **Mihai M**, Ursu D, Berevoescu M, Giurcaneanu C. Association of vascular necrotizing vasculitis and paraneoplastic erythroderma- Case report. *The 14th National Congress of Dermatology with International Participation*. Bucharest, Romania 21-24.10.2015
14. Ciobanu S, Gheorghe I, Holban AM, **Mihai MM**. Comparison of resistance patterns in bacteria isolated from chronic wounds. *National Congress for Students and Young Doctors, 19th Edition*. Bucharest, Romania, 10-13.12.2015 (**Oral Presentation- First prize as Scientific coordinator - Basic sciences**)
15. Cîrstea AM, Dorobanțu AMN, Popa MI, **Mihai MM**. Bacterial biofilms- an essential target in the management of chronic cutaneous ulcers. *National Congress for Students and Young Doctors, 20th Edition*. Bucharest, Romania, 12.2016 (**Oral presentation- Honourable mention as Scientific coordinator - Basic sciences**).

(b) Poster presentations

1. **MM Mihai**, Popa MI, Giurcaneanu C. Chronic venous ulcers. Modern methods of diagnosis and treatment monitoring. *The Congress of "Carol Davila" University of Medicine and Pharmacy*. Bucharest, Romania 30.05-11.06.2013 (Poster)
2. Sarov R, **Mihai MM**, Manta RC, Maftai M, Nichita M, Tudose I, Giurcaneanu C. Squamous cell carcinoma developed on the surface of a chronic venous ulcer- Case report. *ReziDerma, the first conference of the interns in dermatology, 1st Edition*. Iași, Romania, 07-09.03.2014 (Poster)
3. **Mihai MM**, Oanea RM, Popa LG, Popa MI. Therapies that target the bacterial biofilm present in chronic skin wounds. *Annual Congress of the Medical Romanian Association*. Bucharest, Romania 10-12.04.2014 (Poster)

4. Nichita M, Popescu I, Orzan OA, Popa LG, **Mihai MM**, I Tudose, Giurcaneanu C. Leiomyosarcoma arising in chronic venous ulceration. *XV World Congress on Cancers of the Skin*, Edinburgh, United Kingdom 03-06.09.2014 (Poster)
5. Maftai M, Naumescu E, **Mihai MM**. Transient ischemic attacks in a patient with pityriasis lichenoides et varioliformis acuta. *The 23rd EADV CONGRESS*. Amsterdam, Netherlands 08-12.10.2014 (Poster)
6. **Mihai MM**, Nichita M, Popa LG, Orzan OA, Țovaru RS, Giurcăneanu C. A case report of white sponge nevus. Clinical and histopathological features. *The 23rd EADV CONGRESS*. Amsterdam, Netherlands 08-12.10.2014 (Poster)
7. Popa L, **Mihai M**, Nichita M, Muresan AM, Voiculescu V, Giurcaneanu C. Adjunctive low dose intravenous immunoglobulin treatment for refractory pemphigus vulgaris. *The 23rd EADV CONGRESS*. Amsterdam, Netherlands 08-12.10.2014 (Poster)
8. Popa L, **Mihai M**, Muresan A.M., Nichita M, Orzan O, Giurcaneanu C. Erythrodermic late onset atopic dermatitis. *The 23rd EADV CONGRESS*. Amsterdam, Netherlands 08-12.10.2014 (Poster)
9. Nichita M, Popa L, Maftai M, Mihai M, Popescu I, Giurcaneanu C. Dermoscopic patterns of acral melanocytic nevi in 47 caucasian patients. *The 23rd EADV CONGRESS*. Amsterdam, Netherlands 08-12.10.2014 (Poster)
10. Banu O, Gheorghe I, Czobor I, Marutescu L, Cotar AI, **Mihai MM**, Holban AM, Lazar V, Chifiriuc MC. Comparative molecular characterization of SCCmec among Staphylococcus aureus clinical strains isolated from chronic ulcers and infections occurring in patients with cardiovascular surgery. *26th European Congress of Clinical Microbiology and Infectious Diseases*, Copenhagen, Denmark, 25-28.04.2015 (Poster)
11. **Mihai MM**, Holban AM, Giurcaneanu C, Popa LG, Buzea M, Filipov M, Chifiriuc MC, Popa MI. Comparison of virulence and resistance patterns in chronic wound isolates. *The Congress of "Carol Davila" University of Medicine and Pharmacy*. Bucharest, Romania 28-30.05.2015 (Poster)
12. **Mihai MM**, Popa MI, Popa LG, Ion AV, Calugareanu A, Solomon I, Giurcaneanu C. Antibiotic resistance phenotypes of microorganisms isolated from lower limb ulcers- a 5 year survey in a dermatological department. *25th EADV CONGRESS*. Vienna, Austria 28.09-03.10.2016 (Poster)

13. **Mihai MM**, Dumitru M, Popa LG, Salem I, Giurcaneanu C. A rare association of dermatomyositis and psoriasis vulgaris leading to complex therapeutical challenges. A case report. *25th EADV CONGRESS*. Vienna, Austria 28.09-03.10.2016 (Poster)
14. Lazarica A, Popa MI, **Mihai MM**. Intestinal disbiosis and the pathogenesis of psoriasis. *National Congress for Students and Young Doctors, 20th Edition*. Bucharest, Romania, 12.2016 (Poster)