

# Marzieh Maddah

Neonatologist, Pediatrician ; Assistant Professor at SBMU

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## About me

I am Marzieh Maddah , a Neonatologist Assistant Professor at Shahid Beheshti University of Medical Science. I have a friendly and conscientious personality and a passion for improving the health and well-being of newborns. I have extensive experience as a pediatrician and neonatologist in tertiary children's hospitals, where I have been part of the Intensive Care Units (PICU & NICU) team. Also I have been a member of Immunology, Asthma and Allergy Research Institute since 2009 and Medical Research is one of my interests and experiences. I am eager to apply my skills and expertise to new challenges and opportunities in the field of pediatric and neonatology.

## Education

- Board Certified in Neonatology sub-specialty from Tehran University of Medical Sciences - Children's Medical Center of Excellence (CHMC), Top rank of Board Exam, 2018-2020
- Top Rank in Sub-specialty Entrance Exam – ( 1397)
- Board Certified in Pediatric Diseases specialty from Tehran University of Medical Sciences - Children's Medical Center of Excellence (CHMC), 2011-2014
- Medical Doctor (MD) from Tehran University of Medical Sciences, 2000-2008
- Graduated from Iran National Organization for Development of Exceptional Talents high school, 2000

## Training courses

- Scientifics writing certification; Tehran University of Medical Sciences, 2009
- Scientifics Search certification; Tehran University of Medical Sciences, 2009
- Pediatric Intensive care short term course, TUMS, Iran, 2013
- End Note research software Certification ; Tehran University of Medical Sciences , 2014
- Post doc course in Immunology, Asthma and Allergy Research Institute, 2016-2017
- The Use of Stem Cells and Regenerative Medicine in neonates Symposium, Tehran University of Medical Sciences, 2018
- RCT and Good Clinical Practice workshop, Tehran University of Medical Sciences ,2019
- aEEG in Neonates, online seminar, Neonatal Care Academy; 2020
- Early Nutrition Specialist online course, Ludwig-Maximilians University Munich 2020
- Certificate of completion in Basic and Advanced Modular courses in E-Learning in Medical Science (100 hours ). Virtual School and Center of Excellence For E Learning in Medical Sciences , Shiraz University of Medical Sciences . 2024
- Certificate in Comprehensive Systematic Review and Meta analysis Course . Evidence Based Medicine Center , Hormozgan University of Medical Sciences . 2024

## Work Experience

- **Medical Researcher and Physician**
  - Immunology Asthma and Allergy research Institute, Tehran University Of Medical Sciences , Tehran 2009 – 2011 ; Fulltime
  - Immunology, Asthma and Allergy Research Institute, Tehran University of Medical Sciences, Tehran, since 2011 ; Part-time
- **Executive manager of 3rd Iranian Asthma Meeting, Tehran , Iran ,2009**
- **Executive manager of research projects in CGD and Congenital neutropenia in Immunology, Asthma and Allergy Research Institute 2009-2011**
- **Member of Severe Chronic Neutropenia International Registry (SCNIR) ; Hannover 2010-2011**
- **Pediatrician at Children ward & NICU**
  - Ali abad Hospital (area of need) , Golestan , Iran, 2014-2016
  - Zarandieh Hospital (area of need), Saveh , Iran 2016-2017
  - Lamerd Hospital (area of need) , Fars , Iran 2017-2018
  - Private Hospitals NICU (Madaran , Pasargad, Gandhi, Arash) ,Tehran, Iran, 2014 – 2018
- **Neonatologist Assistant Professor**
  - SBMU (Shahid Beheshti University of Medical Sciences), Tehran, Iran, Since : 2021

## Conferences, and presentation:

- Parental consanguinity and Inheritance Pattern of Chronic Granulomatous Disease (CGD) in 20 Iranian Families, poster presentation in , ESID 2010 , Istanbul , Turkey
- Lupus-like Syndrome in Chronic Granulomatous Disease (CGD): Patients and Carriers, poster presentation in, ESID 2010, Istanbul, Turkey
- Systemic and Discoid Lupus Erythematosus in Four Patient with Chronic Granulomatous Disease; accepted for oral presentation; The 12th International Congress of Immunology and Allergy of Iran, 2014 ,Tehran ,Iran
- Retinopathy of Prematurity workshop; Children Medical Center, Tehran University of Medical Sciences, 2020
- Neonatal Resuscitation workshops; Shahid Beheshti University of Medical Sciences, since 2021-2025
- Member of Virtual Education Committee of Association of Iranian Neonatologists, since 2022
- Scientific chair of Anemia in Neonates Seminar, Tehran , 2023
- ACORN , Breast Milk , Neonatal Nutrition Workshops ; Shahid Beheshti University of Medical Sciences , 2021-2025

## Education – Teaching

1. Midwife students ; SBMU - School Of Nursing and Midwifery
2. Neonatal nursing master's students ; Midwife students ; SBMU - School Of Nursing and Midwifery
3. Undergraduates Medical Students ; SBMU
4. Pediatrics Residents and Neonatology Fellowships ; Mahdieh and Shohadaye Tajrish hospitals ; SBMU

## Articles

1. **Inheritance pattern and clinical aspects of 93 Iranian patients with chronic granulomatous disease**  
F Fattahi, M Badalzadeh, L Sedighipour, M Movahedi, MR Fazlollahi, M Maddah  
Journal of clinical immunology 31, 792-801
2. **Different pattern of gene mutations in Iranian patients with severe congenital neutropenia (including 2 new mutations)**  
Z Alizadeh, MR Fazlollahi, M Houshmand, M Maddah, Z Chavoshzadeh, et al  
Iranian Journal of Allergy, Asthma and Immunology, 86-92
3. **Evaluation of the Persian version of modified fatigue impact scale in Iranian patients with multiple sclerosis**  
MH Harirchian, S Nasergivechi, M Maddah, A Meysamie, H Amini, et al  
Iranian journal of neurology 12 (1), 32
4. **Interleukin 10 and transforming growth factor beta 1 gene polymorphisms in juvenile idiopathic arthritis.**  
S Harsini, V Ziaee, M Maddah, A Rezaei, M Sadr, S Zoghi, et al  
Bratislavske lekarske listy 117 (5), 258-262
5. **Prevention and control of infections in patients with severe congenital neutropenia; a follow up study**  
T Salehi, MR Fazlollahi, M Maddah, M Nayebpour, MT Yazdi, Z Alizadeh, et al  
Iranian Journal of Allergy, Asthma and Immunology, 51-56

- 6. IL23R gene polymorphism with juvenile idiopathic arthritis and its association with serum IL-17A**  
S Emami, V Ziaee, A Rezaei, M Sadr, M Maddah, AA Amirzargar, et al  
International Journal of Rheumatic Diseases 19 (11), 1189-1196
- 7. Association of Interleukin-2, but not Interferon-Gamma, single nucleotide polymorphisms with juvenile idiopathic arthritis**  
M Maddah, S Harsini, A Rezaei, M Sadr, S Zoghi, MH Moradinejad, et al  
Allergologia et immunopathologia 44 (4), 303-306
- 8. Association of interleukin-1 family gene polymorphisms with juvenile idiopathic arthritis in Iranian population**  
V Ziaee, M Maddah, S Harsini, A Rezaei, M Sadr, S Zoghi et al ; Allergologia et immunopathologia 44 (6), 542-546
- 9. Polymorphisms of genes encoding interleukin-4 and its receptor in Iranian patients with juvenile idiopathic arthritis**  
V Ziaee, A Rezaei, S Harsini, M Maddah, S Zoghi, M Sadr, et al ; Clinical rheumatology 35, 1943-1948
- 10. Association of interleukin-6 single nucleotide polymorphisms with juvenile idiopathic arthritis**  
V Ziaee, M Maddah, MH Moradinejad, A Rezaei, S Zoghi, M Sadr, et al  
Clinical rheumatology 36, 77-81
- 11. Lupus erythematosus and chronic granulomatous disease: report of four Iranian patients with AR-CGD and one XL-CGD**  
M Maddah, MR Fazlollahi, R Shiari, F Shahram, S Mamishi, et al  
Iranian Journal of Allergy, Asthma and Immunology
- 12. Association of tumour necrosis factor-alpha G/A-238 and G/A-308 single nucleotide polymorphisms with juvenile idiopathic arthritis**  
M Maddah, S Harsini, V Ziaee, MH Moradinejad, A Rezaei, S Zoghi, et al  
International Journal of Immunogenetics 43 (6), 391-396
- 13. Weaning and extubation from neonatal mechanical ventilation: an evidenced-based review**  
R Sangsari, M Saeedi, M Maddah, K Mirnia, JP Goldsmith ; BMC Pulmonary Medicine 22 (1), 1-12

- 14. The critical role of prenatal genetic study in prevention of primary immunodeficiency in high-risk families: the largest report of 107 cases**  
SZ Modarresi, N Sabetkish, M Badalzadeh, S Tajik, B Esmaeili, et al  
Iranian Journal of Allergy, Asthma and Immunology
- 15. Association of Interleukin-6 single nucleotide polymorphisms with juvenile idiopathic arthritis**  
S Harsini, V Ziaee, M Maddah, MH Moradinejad, A Rezaei, S Zoghi, et al  
Journal of Allergy and Clinical Immunology 139 (2), AB207
- 16. The Risk of the Next Child Getting Affected by Chronic Granulomatous Disease in Families with at Least One Autosomal Recessive CGD Child**  
SZModarresi, STajik, M Badalzadeh, MR Fazlollahi, M Houshmand, Marzieh Maddah et al  
Iranian Journal of Allergy, Asthma and Immunology
- 17. Consecutive Siblings Affected with Autosomal Recessive Chronic Granulomatous Disease and its Relevance to Consanguineous Marriages**  
S Modarresi, Z Pourpak, MR Fazlollahi, M Reza, M Hooshmand, et al  
JOURNAL OF CLINICAL IMMUNOLOGY 32 (2), 375-375
- 18. Consanguineous marriages in families with 1 or more than 1 child with autosomal recessive chronic granulomatous disease**  
MZ Saryazdi, Z Pourpak, M Fazlollahi, M Maddah, L Sedighipour, et al ;ALLERGY 66, 543-543
- 19. Correlation between Fatigue and Depression with Motor Disability in Multiple Sclerosis Patients**  
MH Harirchian, H Amini, A Meisami, M Maddah, S Nasergivechi  
MULTIPLE SCLEROSIS 16 (2), 267-267
- 20. Introducing a woman with 13-14 translocation and the importance of chromosomal dislocation in genetic consultation prior to pregnancy**  
SM Akrami, M Maddah ; Journal of Reproduction & Infertility 8 (3) , 283-286
- 21. Comparison of the Effectiveness of Pharmacological and Non-Pharmacological Methods in Reducing the Pain of Retinopathy of Prematurity Examination**  
MK Shariati, AD Farahani, NT Taleghani, F Palizban, A Naseh, M Maddah,  
Novelty in Biomedicine ; 12 (3), 104-109

**22. Serum Vitamin D Levels in Premature Neonates with Retinopathy of Prematurity; Prevalence, Severity, and Types of Treatments; A Cross-Sectional Study from Iran, 2019-2020.**

Z Mosayebi, S Sagheb, MR Zarkesh, M Maddah, M Shariat ; Iranian Journal of Neonatology 16 (1)