Shadab Salehpour

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PROFESSIONAL SUMMARY:

Associate professor of Pediatrics and Pediatric Endocrinology (Bone expert), Shahid Beheshti University of Medical Sciences

Director, Department of Inherited Metabolic and Bone disorders, Genomic Research Center

Research Director, Clinical Research Development Center, Loghman Hakim Hospital

Medical Research Consultant , Pediatric Surgery Research Center, Mofid Children's Hospital

Clinical investigator and Associate professor of Inherited Metabolic Disease, Department of Biochemistry

Born: SEP 22, 1968

Tehran, Iran

Medical Education:

Iran University of Medical Sciences, School of Medicine, Tehran, Iran 1986-1993

Internship:

Firouzgar General Hospital, Tehran 1993-1994

Residency:

Pediatric and Adolescence Medicine, Aliasghar's Pediatric Hospital,

Iran University of Medical Sciences, Tehran 1996-1998

Fellowship:

Fellow in Pediatric Endocrinology & Metabolism, Nemazi's Hospital,

Shiraz Medical University, Shiraz 2000-2001

Master of Public Health:

Tehran University, Tehran 1994-1995

Certified:

1. Iranian Medical Council License 1993
2. National Board of Pediatrics 1998
3. National Board of Pediatric Endocrinology and Metabolism 2001
4. Short courses of clinical and laboratory observership on general pediatric endocrinology, inherited metabolic and bone diseases in Chicago, Yale, Toronto, and Heidelberg Universities 2008-2009

Academic:

Associate professor of pediatrics and pediatric endocrinology. Shaheed Beheshti University of Medical Sciences, Tehran since 2012

Assistant professor of pediatrics and pediatric endocrinology.Shaheed Beheshti University of Medical Sciences, Tehran 2003-2011

Member of Editorial Board of “International Journal of Pediatrics” (USA) Oct, 2009-2012

Quality controller of National Medical Education Reform, Shaheed Beheshti University of Medical Sciences, Tehran 2003-2008

Director of 37 postgraduate projects (residency) at the Department of Pediatrics and Genomic Research Center 2002-2017

Positions:

1. Director of National Adaptation Committee of "Integrated Management of Childhood Illness" (IMCI), Minstery of Health 1994-1995

2. Assistant professor of pediatrics and pediatric endocrinology and metabolism, Shahid Beheshti University of Medical Sciences 2002-2009

3. Associate professor of pediatrics and pediatric endocrinology and metabolism, Shahid Beheshti University of Medical Sciences since 2009

4. Member of Educational Development Center (EDC), Shahid Beheshti University of Medical Sciences 2003-2015

5. Member of the Undergraduate Medical Education Curriculum Committee, Shaheed Beheshti University of Medical Sciences 2003-2008

6. Member of the Pediatric Residency Education Curriculum Committee, Shaheed Beheshti University of Medical Sciences, Minstery of Health 2004-2008

7. Director of Quality Controlling on National Medical Education Reform Project 2004-2007

8. Tehran focal point of Newborn Screening Committee (congenital hypothyroidism), Minstery of Health 2005-2008

9. Tehran focal point of Newborn Screening Committee (Phenylketonuria), Minstery of Health2006-2008

10. Member of Metabolic Department of Genomic Research Center, Shahid Beheshti University of Medical Sciences 2005-2008

11. Member of National Committee of Pediatric Residency Entrance Examination 2005-2017

12. Member of Pediatric Medical Education Committee, Shahid Beheshti University of Medical University 2007-2017

13. Member of Pediatric Research Committee, Mofid Children's Hospital 2004-2008

14. Director of Workshop Committee of Medical Education Training for the Tutors, Shaheed Beheshti University of Medical Sciences 2007-2008

15. Member of Acute Respiratory Infections (ARI) Committee of Pediatric Infectious Research Center, Mofid Children's Hospital 2005-2008

16. Member of national advisory board of growth and development/ growth hormone therapy 2010-2017

17. Member of the advisory national board of inherited metabolic diseases 2011-2017

18. Member of the advisory national board of rare and genetic disease 2011-2017

19. Member of the national clinical genetics and neuro-metabolic board committee 2015-2017

20. Member of the scientific committee for national program of the newborn screening

The fields of Research and interest:

1. The genetic aspects of pediatric endocrinology
2. Clinical genetics and dymorphology, and inherited metabolic diseases
3. Metabolic and dysmorphic bone diseases (including aromatase inhibitors, oxandrolone and growth hormone)
4. Polycystic ovarian disease in adolescence, obesity and insulin resistance

International award and scholar:

1. Winner of International scholar award of the LAWSON WILKINS PEDIATRIC ENDOCRINE SOCIETY of USA in 2009 for University of Chicago (Comer's Children Hospital), which was extended to a 1 year academic sabbatical by this society in Yale and Toronto universities.- 8000 US $ each 3 months
2. Winner of the travel grant of the EUROPEAN SOCIETY FOR PAEDIATRIC ENDOCRINOLOGY (ESPE) 2008 meeting for "Outstanding Research" – 1000 Euro

Oral and poster presentations in international congresses:

1. Clinical, biochemical and molecular features of Iranian families with mucopolysaccharidosis. Co-existance of mucolipidosis type III with trimethylaminuria in a 4.5 year Iranian boy. Two poster presentations at ICIEM, Rio De Janeiro. Sep 5-8 2017

2. Low Bone Mineral Density in Adolescents with Joint Hypermobility.
Poster presentation at ESPE, Paris. Sep10-12, 2016

3. Co-existence of phenylketonuria either with maple syrup urine disease or Sandhoff disease in two patients from Iran: emphasizing the role of consanguinity. Poster presentation at SSIEM, Rome. Sep 6-9, 2016

4. A Double-Blind, Placebo-Controlled Comparison of Cinnamon Extract to Metformin Effects upon Insulin Resistance, Apolipoprotein B:Apolipoprotein A1 Ratio, and BMI of Obese Adolescent Girls with Polycystic Ovary Syndrome. Poster presentation at ESPE, Oct 1-3, 2015

5. Intrathecal alpha-L-iduronidase protects from or improves neurodevelopmental decline and neuroimaging abnormalities of children with MPS I below 6 years.

Oral presentation

Pyrimethamine for infantile GM2 gangliosidosis Poster presentation at SSIEM, Lyon Sep1-4, 2015

6. A randomized controlled comparison of zolidronate to pamidronate effects upon bone mineralization and fracture incidence in children with severe osteogenesis imperfect

7. 24- hydroxylase polymorphism as a possible explanation for the higher level of 1apha 25 (OH)2 D3 in African American ethnicity. Oral presentation as invited speaker at ASBMR, Toronto, Oct 15-19, 2010

8. Cyclic pamidronate therapy in children with osteogenesis imperfecta. Poster presentation at ESPE, Turkey. Sep 20-23, 2008

Articles:

1. **Salehpour S**, Razzaghy azar M, Alipour P, ardeshirpour L, Shamshiri AR, Farahmand Monfared M, Gharib A. A double-blind placebo-controlled comparsion of letrozole to oxandrolone effects upon growth and puberty of children with constitutional delay of puberty and idiopathic short stature. Horm Res Pediatr.2010; 74: 428-435.
2. **Salehpour S**, Ardeshirpour L, Wong B, Cole DEC, Carpenter TO. 24 Hydroxylase polymorphism as a possible explanation for the higher level of 1, 25 (OH)2 vitamin D in African American ethnicity. J Bone Miner Res 2010.

3. **Salehpour S**, Tavakoli S. Cyclic pamidronate therapy in children with Osteogenesis imperfecta.J Ped End Metab.2010; 23:73-80.
4. **Salehpour S,**Saket S. Freeman-Scheldon syndrome: a case report. Iran J Child Neur 2009;3:52- 54.
5. Kariminejad A, Kariminejad R, Tzschach A, Ullmann A, Ahmed A, Asghari-Roodsari A, **Salehpour S**,afroozan F, Ropers HH, Kariminejad MH. Craniosynostosis in a patient with 2q37.3 deletion5q34 duplication: Association of extra copy of MSX2 with craniosynostosis. Am J Med Genetics 2009; 149:1544-1549.
6. Mirshemirani AR, Khaleghnejad A, Pourang H, Sadeghian N, Rouzroukh M, **Salehpour S**. Penile agenesis: report on 8 cases and review of literature. Iran J Pediatr 2009; 19:173-179.
7. Rouzrokh M, Sadeghi A, Gharib A, Adlkhoo H, **Salehpour S**, Tavassoli A, Azargashb E, Shaghayeghi S, KhaleghnejadTabari A, Sadeghian N. Effects of Bupivacain infiltration on insulin , glucose, prolactin, and cortisol responces to operative stress after unilateral inguinalhernioraphy among 3-7 year-old children. Pejouhandeh Bimonthly Research Journal 2009; 13:6 (in Persian).
8. Mirshemirani AR, Roshanzamir F, KhaleghnejadTabari A, Ghoroubi J, **Salehpour S**, AbdollahGorji F. Thyroid nodules in childhood: A single institute experience. Iran J Pediatr 2009: 91-96.
9. **Salehpour S**, Saket S, Houshmand M. Pfeiffer type I syndrome: a genetically proven case report.Iran J Child Neur 2008; 2:61-65.

10. **Salehpour S**, Babaie D. Mismanagement of phenyketonuria: an underlying cause of kwashiorkor.Iran J Child Neur 2008; 4:59-60.
11. **Salehpour S**, Rouzrokh M, Rajaei A, Pournasiri Z. The causes of hyperuricemia in obese childrenand correlation between hyperuricemia and factors related to the obesity. J Med Council IRI.2010;3: 262-268.
12. **Salehpour S**, FarahmandMonfared M. Idursulfase therapy in Hunter syndrome. J Inherit MetabDis 2008; 31(supp 1):131.
13. Shiari R, Farivar S, **Salehpour S**. A case of Klinefelter's syndrome associated with juvenile systemic lupus erythematosus. JMSR 2007; 1:2-4.
14. Imanzadeh F, **Salehpour S**, Nariman S, Sayyari AA. Cystinosis: report of an unusual case. Iran JPediatr.2004; 13:37-41.
15. Armin S, **Salehpour S**, Valaie N. Relationship between serum lactate and prognosis in pediatricpatients of ICU. PejouhandehBiomonthly Research Journal 2004; 38:83-86 (in Persian).
16. Aminzadeh Z, **Salehpour S**, Gachkar L. A survey of request of consultation in Loghman HakimHospital. Journal of Medical Education 2003; 4:39-42.
17. Jalali M, Razzaghy azar M, **Salehpour S**, Mirfakhrai N, Jafari-Mansouri M. Assessment of predisposing factors to pneumonia in children. Iranian Journal of Infectious Disease and Tropical Medicine 2002; 7:52-55.
18. **Salehpour S**, Rohani F, Aryani O, Houshmand M, Hasheminejad O, RezvaniKashani M, MahvelatiShamsabadi F, Pournasiri Z: Effects of growth hormone on muscle strength,

tone and mobility of children with Prader- Willi syndrome. Iran J Child Neur 2011; 5: 29-33.

19. **Salehpour S**, Shahverdi Z, Farahmand Monfared M, Rouzrokh M: Comparing the therapeutic effects of spironolactone plus cyproterone compound with metformin' s on polycystic ovarian syndrome. J Med Council IRI.2011; 4: 377-387.
20. Rohani F, **Salehpour S**, Rashad A: Etiology of precocious puberty 10 years study in Instituteof Endocrinology and Metabolism, Endocrine Research Center, Tehran. Iran J Repro Med. 2011: 213-215.
21. Karimzadeh P, Tonekaboni SH, Ashrafi MR, Shafeghati Y, Rezayi A, **Salehpour S**, Ghofrani M, Taghdiri MM, Rahmanifar A, Zaman T, Aryani O, Shoar BN, Shiva F, Tavasoli A, Houshmand M. Effects of miglustat on stabilization of neurological disorder in niemann-pick disease type C: Iranian pediatric case series. J Child Neurol. 2013 Dec;28(12):1599-606.
22. **Salehpour S**. Gaucher's disease: Clinical Manifestations of Type 1 Gaucher Disease. Iran J Child Neurol Autumn 2012; 6:4 (suppl. 1):13-14.
23. Houshmand M, Aryani O, Pirzadeh Z, Ghasemi F, **Salehpour S**, Tehrani F. Molecular Investigation of Glutaric Aciduria type I in Iran. Iran J Child Neurol Winter 2012; 6:1 (suppl. 1):15-16.
24. Houshmand M, Tonekaboni SH, Karimzadeh P, Aryani O, Ashrafi MR, **Salehpour S**, BadvSh, Shakiba M, Alaee MR, Farshid Sh. Lysosomal Storage Disease in Iran. (Report of Molecular Study). Iran J Child Neurol Autumn 2012; 6:4 (suppl. 1): 22.

25. **Salehpour S**. Neurologic Manifestations of Organic Acidemia. Iran J Child Neurol Winter 2012; 6:1 (suppl. 1):2-3.

26. **Salehpour S**. Leigh Disease.. Iran J Child Neurol Autumn 2013; 7:4 (suppl. 1):18-19.

27. Pournasiri Z, Madani A, Zandi H, **Salehpour S**, AbdollahGorji F, Ahmadzahe A. 93. Relationship of generalized joint hypermobility with vesicoureteral reflux and urinary tract infection. Iran J Kidney Dis. 2014 May;8(3):189-93.

28. Jamali S, Eskandari N, Aryani O, **Salehpour S**, Zaman T, Kamalidehghan B, Houshmand M. Three novel mutations in Iranian patients with Tay-Sachs disease. Iran Biomed J. 2014;18(2):114-9.

29. Maryam Abiri, HannanehForoozani, **ShadabSalehpour** , ZohrehSharifi ,Mohammad Reza Alaei, Shohreh Khatami, Aria Sotoudeh, FarzanehRohani, SirousZeinali. Molecular characterization of QDPR gene in Iranian families with BH4 deficiency; reporting novel and recurrent mutations.Journal of Inherited Metabolic Disease.2015;21:123-8.

30. Maryam Abiri,JouniUitto, Leila Youssefiana, Hassan Vahidnezhad, Tina Shirzad,**ShadabSalehpour**,SirousZeinali. Co-occurrence of maple syrup urine disease and classic phenylketonuria on a 10 month - old girl.J PediatrEndocrinolMetab. 2016; 5(2): 1-4

31. Soghra Rouhi Dehnabeh; Sirous Zeinali, Beat Thöny, Mohammadreza Alaei, **Shadab Salehpour**, Aria Setoudeh, Farzaneh Rohani, Soghra Khani, Rogiyeh Mirzazadeh, Fatemeh Hajivalizadeh, Ashraf Samavat, Shohreh Khatami. Four years' experience of diagnostic challenges of BH4 deficiency in Iran.Journal of Inherited Metabolic Disease.2016; 1-8.

32. **Shadab Salehpour**, Setavand Somayeh. Low Bone Mineral Density in Adolescents with Joint Hypermobility.Hormone Research in Paediatrics. 2016; 82(1): 188.
33. SoudehGhafouri-Fard, **ShadabSalehpour**, VahidrezaYassaee, Mohammad Miryounesi.A New Nonsense Mutation in CDKL5 Gene in a Male Patient with Early Onset Refractory Epilepsy: a Case Report. Int J Pediatr 2016; 4 (2), 1315-1318.
34. Zahra Pournasiri, **ShadabSalehpour.**Comparison between Effects of Oral Iron and Vitamin A with Oxandrolone upon Height and Puberty of Children with Constitutional Delay of Growth and Puberty.HORMONE RESEARCH IN PAEDIATRICS 2016; 86: 389.
35. M Houshmand, SH Tonekaboni, O Aryani, P Karimzadeh, A Rahmanifar, AR Tavasoli, T Zaman, M Ashrafi**, S Salehpour**, M DehghanManshadi, V Ghodsinejad, E Khalili, Kamalidehghan B. J Inherit Metab Dis 2016; 39(1); 23.
36. M Houshmand, M, Pirzadeh, O Aryani, F Ghasemi, **S Salehpour**.Molecular investigation of glutaric aciduria type 1 in Iran.J Inherit Metab Dis 2016; 39 (1):11.
37. **Shadsab Salehpour**.Diagnostic Methods for Neimann-Pick Type C.Iranian Journal of Child Neurology 2015; 9(4): 16-17.
38. **Shadab Salehpour**.Diagnostic Methods for Gaucher Disease.Iranian Journal of Child Neurology 2015; 9(4): 14-15.
39. Seyed Hassan TONEKABONI, Omid ARYANI, Parvaneh KARIMZADEH, Talieh ZAMAN, Mahmoud Reza ASHRAFI**, Shadab Salehpour**, Masoumeh DEHGHAN MANSHADI, Masoud HOUSHMAND. Clinical and Molecular Study of NPC in Iran: Report of 5 Novel Mutations.Iranian Journal of Child Neurology. 2015; 9(4): 8-9.

40. Thomas O Carpenter, David EC Cole, LalehArdeshirpour, **ShadabSalehpour**. 24-Hydroxylase Polymorphism as a Possible Contributor to the Increased 1, 25 (OH) 2D in African Americans.Horm Res Paediat.2015; 84.
41. **Shadab Salehpour**, Somayeh Setavand, Samaneh Onsori.A Double-Blind, Placebo-Controlled Comparison of Cinnamon Extract to Metformin Effects upon Insulin Resistance, Apolipoprotein B: Apolipoprotein A1 Ratio, and BMI of Obese Adolescent Girls with Polycystic Ovary Syndrome. Horm Res Paediat.2015; 84.
42. H Foroozani, M Abiri, **S Salehpour**, H Bagherian, Z Sharifi, MR Alaei, S Khatami, S Azadmeh, A Setoodeh, L Rejali, F Rohani, S Zeinali. Molecular Characterization of QDPR Gene in Iranian Families with BH4 Deficiency: Reporting Novel and Recurrent Mutations.JIMD Rep. 2015; 21: 123-128.
43. Solmaz Jamali, Nasim Eskandari, Omid Aryani, **Shadab Salehpour**, Talieh Zaman, Behnam Kamalidehghan, Massoud Houshmand. Iranian biomedical journal.2014; 18920: 114.
44. Ahmad Reza Shamshiri, Alireza Fahimzad, Seyed Ahmad Tabatabaie, Farideh Shiva, Maryam Kadivar, Alireza Khatami, **Shadab Salehpour**, AbdollahKarimi. Frequency of Pediatric Acute Respiratory Tract Infections in Iran; A System-atic Review. Archives of Pediatric Infectious Diseases 2014; 1(2): 44-52.
45. Feyzollah Hashemi-Gorji, SoudehGhafouri-Fard, **Shadab Salehpour**, Vahid Reza Yassaee, Mohammad Miryounesi. A novel splice site mutation in the GNPTAB gene in an Iranian patient with mucolipidosis II α/β. Journal of Pediatric Endocrinology and Metabolism. 2016; 29 (8): 991-993.

46. **Shadab Salehpour**, Feyzollah Hashemi-Gorji, Ziba Soltani, Soudeh Ghafouri-Fard, Mohammad Miryounesi. Association of a Novel Nonsense Mutation in KIAA1279 with Goldberg-Shprintzen Syndrome. Iran J Child Neurol. 2017.
47. Vahid Reza Yassaee, Feyzollah Hashemi-Gorji, Mohammad Miryounesi, Alireza Rezayi, Zeinab Ravesh, Fakhrolmolouk Yassaee, **Shadab Salehpour**. Clinical, biochemical and molecular features of Iranian families with mucopolysaccharidosis: A case series. Clinica Chimica Acta, 2017; 474: 88-95.