

4/14/2014



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SUMMARY OF QUALIFICATIONS

- 1) Head of department of pediatric endocrinology in Hazrat Aliasghar Children's Hospital affiliated to Iran University of Medical Sciences. 1992 to present
- 2) Head of Metabolic Disorders Research Center of Cellular-Molecular Endocrinology and Metabolism Research Institute of Tehran University of Medical Sciences since 2011 till now
- 3) Board Member of pediatric endocrinology and metabolism subspecialty final examination since 1988 till now
- 4) Member of board examination of pediatrics from 2001 to 2012
- 5) Board Member of pediatric resident acceptance examination
- 6) Board Member of pediatric gradation examination.
- 7) Head of diabetic association of Iran University of Medical Sciences. 1994 till now
- 8) Member of Nutrition Committee for special milks in Food and Drug Administration office of Ministry of Health from 8th March 2011.
- 9) Head of programing of pediatric endocrinology subspecialty in Ministry of Health 25/09/2010 for two years.
- 10)
- 11) Head of clinical research committee of Institute of Endocrinology and Metabolism. 1987

to 2011

- 12) Member of European Society for Pediatric Endocrinology since 2003 till now; Attending the ESPE annual meeting since 1991, to have presentation every year since 1994
- 13) Member of New York Academy of Science from 1999 – 2009
- 14) Member of chairman council of Iranian Endocrine Society from establishment to 2013
- 15) Member of chairman council of Iranian Society of Pediatric Endocrinology and Metabolism
- 16) Member of Iranian Society of Neuro-Genetics
- 17) Member of research committee of H. Aliasghar Children's Hospital
- 18) Member of teaching committee of H. Aliasghar Children's Hospital
- 19) Member of Editorial Board of International Journal of Endocrinology and Metabolism
- 20) Member of Editorial Board of journal "Genetics in the 3rd millennium"
- 21) Member of consultant board of Iranian Journal of Diabetes and Lipid Disorders
- 22) Member of Editorial Board of Razi Journal of Medical Sciences
- 23) Associate editor of Journal of Comprehensive Pediatrics
- 24) Reviewer of many journals all over Iran and International Journal of Endocrinology
- 25) Member of foundation for supporting children with congenital anomalies; since 2015 till now
- 26) Advisory board member of Iranian program of neonatal hypothyroidism screening in Ministry of Health
- 27) Consultant for focal points of hypothyroidism screening program of Iran University of Medical Sciences
- 28) Member of establishment trustee committee of aid for congenital anomalies foundation.
- 29) Member of peer review in diabetes research center in endocrinology and metabolism research institute of Tehran University of Medical Sciences
- 30) Member of evaluation committee of Ministry of Health for approval of pediatric endocrinology department all over Iran.
- 31) Member of National Institute for Medical Research Development (NIMAD) of Ministry of Health

EDUCATION

- 1) New York Hospital –Cornell Medical Center, New York, USA, Fellowship in Pediatric Endocrinology.
 - i) Certificate of fellowship from Cornell University; 1996
- 2) Ahari Children's Hospital Medical Center, Tehran University. Subspecialty course of

- pediatric endocrinology; 1980 – 1985
- i) Subspecialty board certificate in pediatric endocrinology
 - 3) Ahari Children's Hospital Medical Center, Tehran University, Specialty course of pediatric; 1976 – 1979
 - i) Specialty board certificate in pediatrics
 - 4) Tehran University, Medical course; 1967 – 1974
 - i) Medical diploma
 - 5) Three month course in nuclear medicine in Tehran University; 1990
 - 6) Course of research methodology, Shahid Beheshti University of Medical Sciences; 1992
 - 7) Course of literature obtaining, Iran University of Medical Sciences; 1993
 - 8) Course of teaching methodology, Iran University of Medical Sciences; 1994
 - 9) Course of examination methodology, OSCE examination, Iran University of Medical Sciences; 1993
 - 10) Research and programming committee for health of women, Ministry of Health; 1996
 - 11) Course of advanced research methodology, Shahid Beheshti University of Medical Sciences; 1997
 - 12) SPSS statistics course
 - 13) Course of national program for prevention and control of diabetes mellitus, Ministry of Health; 1997
 - 14) Workshop on breast feeding expanding and teaching, Iran University of Medical Sciences; 1997.
 - 15) Teaching workshop of paper writing, Iran University of Medical Sciences; 1999.
 - 16) Workshop on teaching methodology; 1999
 - 17) Local Workshop on diabetes mellitus; 2001
 - 18) Workshop on reference managing; 2003
 - 19) Take Control Peaks and Valleys of Diabetes, CEE AMEA Regional Meeting, Athens-Greece, May, 18-19, 2007
 - 20) IOF Osteoporosis Diagnosis Course, with Densitometry Certification. November 18 – 19, 2010 Shariati Hospital – Tehran, Iran
 - 21) Course in inborn error of metabolism, 2011
 - 22) Training on Medtronic Diabetes Technology Therapy 5 – 6 Feb. 2015.
 - 23) 1st European Association for the Study of Diabetes (EASD) Postgraduate Course in Iran. 20 – 22, 2015 Tehran Iran.
 - 24) Mucopolysaccharidosis (MPS) Master Class 7-9 June 2015 Istanbul, Turkey
 - 25) Latest concepts and controversies in pediatric endocrinology. 12-13 June 2015 Berlin, Germany
 - 26) Insulin Pump Therapy & Continuous Glucose Monitoring – Dubai/UAE, Sept. 22 – 23, 2016

PROFESSIONAL EXPERIENCE

There were only three pediatric endocrinologists in Iran in 1985 that I was one of them. With training of the fellows in the field of Pediatric Endocrinology and Metabolism since 2001 till now and with approval of other centers in Iran, the specialists in this field are > 100 in all over Iran now.

- 1) Establishment of department of pediatric endocrinology and inborn errors of metabolism in H. Aliasghar Hospital and in Institute of Endocrinology and Metabolism.
- 2) Establishment of 8 diabetic centers in different cities of Iran and research about chronic complications of diabetes according to protocol of WHO in 1987 in Ministry of Health.
- 3) Establishment of the subspecialty course of pediatric endocrinology and inborn errors of metabolism in H. Aliasghar hospital
- 4) Establishment of Metabolic Disorders Research Center in Endocrinology and Metabolism Molecular-Cellular Sciences Institute, Tehran University of Medical Sciences
- 5) Member of the committee of study and programming of women health in Iran in the Ministry of Health
- 6) Member of the committee of neonatal screening for hypothyroidism in Ministry of Health and Iran University of Medical Sciences.

Working in:

- 7) Hazrat Aliasghar Hospital, three days a week, since 1992 till now
 - Teaching to medical students, interns, residents of pediatrics and fellows of pediatric endocrinology
 - Treatment of sick children in different fields of endocrinology and metabolism in H. Aliasghar Hospital and my own private clinic about 36 years
 - Research in different fields of
- 8) Institute of Endocrinology and Metabolism two days a week, 1987 to 2011
 - Treatment of children with endocrine and metabolic disorders in outpatient clinic.
 - Teaching
 - Research
- 9) Shahid Rahnamoon general hospital, 1987 to 1992
 - Teaching to medical students and interns
 - Treatment of children with pediatric endocrine and metabolic disorders.
- 10) Ahari Children's Hospital Medical Center, 1980 – 87
 - Passing subspecialty course of pediatric endocrinology; meanwhile treatment of patients

and teaching to medical students and interns of medical school and residents of Pediatrics.
-Practice in private clinic in the evenings from 1980 till now and having > 50000 files of patients in the fields of pediatric endocrinology and metabolism.

PUBLICATIONS

- 1) Razzaghy Azar M. A review of 8 Iranian patients with Laron syndrome. *Pediatric and Adolescent Endocrinology, Lessons from Laron Syndrome (LS) 1966 - 1992*, editor, Z. Laron Karger, 1992; 7:38-46.
- 2) Razzaghy Azar M. Experience with adrenocortical tumors in children: A report of eleven cases. *M J IRI* 1992; 6(1):29 – 34
- 3) Razzaghy Azar M. Screening for GH resistant disease (GHRD) by IGF-I generation test. *Hormone Research* 1994;41.2-4:85, P115.
- 4) Wilson RC, Krozowski ZS, Obeyskere VR, Razzaghy Azar M, Harbison MD, Wei JQ, Shackleton CHL, Funder JW, New MI. A mutation in the HSD11B2 gene in a family with apparent mineralocorticoid excess. *J Clin Endocrinol Metab* 1995; 80(7):2263-66.
- 5) Maryam Razzaghy Azar, Janos Homoki. Apparent mineralocorticoid excess in 3 siblings. *Medical J Islamic Republic of Iran (IRI)* 1996; 10(3):249-54.
- 6) Razzaghy Azar M. Growth hormone and tumour relapse. *Hormone Research* 1997;48(suppl 2):193,855.
- 7) Dave Sharma S, Wilson RC, Harbison MD, Newfield R, Razzaghy Azar M, et al. and New MI. Extensive personal experience, examination of genotype and phenotype relationships in 14 patients with apparent mineralocorticoid excess. *J Clin Endocrinol Metab* 1998; 83(7):2244 -54.
- 8) Razzaghy Azar M. Effects of gonadotrophin-releasing hormone agonist on weight and height in children with central precocious puberty. *Hormone Research* 1999;51(suppl 2):74,P243.
- 9) Woods K A, Rose S R, Touber M, Price D A, Heirich U, Gilli G, Razzaghy Azar M, et.al. Atypical facial phenotype in growth hormone insensitivity syndrome (GHIS) patients: Relationship of facial phenotype to clinical and biological variables. Burren C P, *Hormone Research* 1999;51 (suppl 2) 34,P.89.

- 10) Riazi Gh, Razzaghy Azar M, Taghikhani M, et.al. Determination of blood glucose lowering substance of a native plant and study of its metabolic effects on normal & diabetic mice. *Diabetes Research and Clinical Practice* 2000;50 (suppl 1) S39, P225.
- 11) Razzaghy Azar M. Comparison of two different ways of hydrocortisone administration in patients with congenital adrenal hyperplasia. *Hormone Research* 2000;53(suppl 2):67,P1-225.
- 12) CP Burren, KA Woods, SJ Rose, M Tauber, DA Price, U Heinrich, G Gilli, M Razzaghy Azar, A Alshawi, PA Crock P Rochiccioli, N Yordam, MB Ranke, PG Chatelain, MA Preece, RG Rosenfeld. Clinical and endocrine characteristics in atypical and classical growth hormone insensitivity syndrome. *Hormone Research* 2001;55:125 - 130.
- 13) Razzaghy Azar M. A review of 392 patients with congenital adrenal hyperplasia. *Pediatric Research* 2001;49(6):114A
- 14) Esfarjani F, Razzaghy Azar M, Gafarpour M. IDDM and early exposure of infant to cow's milk and solid food. *The Indian J of Pediatr* 2001;68(2):107-10.
- 15) Razzaghy Azar M. Hypophosphatemic bone disease needs lifelong treatment. *Hormone Research* 2002; 58(suppl 2):25,P1-84.
- 16) Rashidi A, Razzaghy Azar M, Falahat-Pishe HR, Kimiagar SM. Serum retinol concentration in patients with type 1 diabetes mellitus. Abstract book:3rd Asian congress of dietetics 2002:P1-8.
- 17) Razzaghy Azar M. Offspring of two mothers with congenital adrenal hyperplasia. *Hormone Research* 2002;58(suppl 2):97, P2-338.
- 18) M Razzaghy Azar, M Nourbakhsh. A review of patients with ambiguous genitalia due to congenital adrenal hyperplasia. *Genetics in the 3rd Millennium* 2003;1(2):100 - 106.
- 19) Razzaghy Azar M. The effect of cyproheptadine hydrochloride on height and weight of patients with Laron Type Dwarfism. *Hormone Research* 2003; 60(suppl 2):43,P1-148
- 20) Razzaghy Azar M, Rashad A, Iranzad I. Chronic complications in 1242 patients with diabetes mellitus. *Diabetes & Metabolism* 2003; 4S40, P1434

- 21) A Rashidi, B Mohammadpour-Ahramjani, M Razzaghy-Azar, ML Garg, MA Anbari, M Kimiagar. Serum zinc levels negatively correlated with diabetes duration in type 1 diabetic children. *Ann Nutr Metab* 2003;47:538.
- 22) Rashidi A, Razzaghy Azar M, Mohammadpour-Ahramjani B, Shariatzadeh N, Kimiagar SM. Routine metabolic control indices could not predict serum retinol levels in patients with type 1 diabetes mellitus. *Clin Chem Lab Med* 2003;41(10):P8.104.
- 23) Razzaghy Azar M. Final height and weight in patients with congenital adrenal hyperplasia. *Hormone Research* 2004; 62(S2):116, P1-414
- 24) Firoozray M, Razzaghy Azar M, Nourbakhsh M. The effect of oxidative stress on erythrocyte lipids in type 1 diabetes mellitus. *Hormone Research* 2004; 62(S2):134, P3-480
- 25) Razzaghy Azar M, Sadigh N, Moghimi A, Zahedi L, Mohammad Sadegh H Zangeneh A, Buuren S V. The age of puberty in Iranian girls. *Hormone Research* 2005;64(S1):203, P2-694.
- 26) Moghimi A, Montazer M, Razzaghy Azar M, Mohammad Sadegh H, Golnari P, Sadigh N, Osivand S, Fereshtehnejad S M, et. Al. Iranian cross-sectional reference standards for height, weight and body mass index attained at 6 - 15 years (boys) or 17 years (girls). *Hormone Research* 2005;64(S1):307, P3-1058
- 27) Moghimi A, Razzaghy Azar M, Sadigh N, Montazer M, Buuren S V. The age at the onset of puberty in Iranian boys. *Hormone Research* 2005;64(S1):215, P2-737
- 28) Aryasepehr S, Razzaghy Azar M, Moghimi A. Diagnostic accuracy of different samples after GnRH stimulating test for determining types of central precocious puberty. *Hormone Research* 2005;64(S1):208, P2-709
- 29) Firouzray M, Nourbakhsh M, Razzaghy Azar M. Antioxidant status in patients with type 1 diabetes mellitus. *Hormone Research* 2005;64(S1):157, P1-533
- 30) Razzaghy Azar M. Clinical manifestations, laboratory tests and precipitating factor of diabetic ketoacidosis in patients with type 1 diabetes mellitus. Abstract proceedings of 4th world congress on prevention of diabetes and its complications, Feb. 2005; P45/ A103:88

- 31) Samira Aryasepehr, Maryam Razzaghy Azar, Ali Moghimi. Diagnostic accuracy of different samples after GnRH stimulating test for determining types of central precocious puberty. *Hormone Research*. 2005;64(S1):208.
- 32) Maryam Razzaghy Azar, Peymaneh Sarkhail. Frequency of nonclassic congenital adrenal hyperplasia in 100 cases of hirsutism and premature pubarche. 13th Asia-Oceania Congress of Endocrinology, 2006:112.
- 33) Shahla Vaziri Esfarjani, Maryam Razzaghy Azar, Elham Irvani. Comparison of lipids and lipoprotein levels of cord blood in neonates in Ahwaz city with the same parameters in Nelson's textbook of pediatrics. *Hormone Research* 2006; 65(suppl 4):138, PO1-483
- 34) Maryam Razzaghy Azar, Robabeh Ghergherechi. Frequency of metabolic syndrome in 153 cases of children and adolescents. *Hormone Research* 2006; 65(suppl 4):83, PO3-287
- 35) Mona Nourbakhsh, Maryam Razzaghy Azar. Pregnancy outcome in patients with diabetes mellitus. *Diabetic Medicine* 2006;23:506 P1416
- 36) Maryam Razzaghy Azar, S Tabaroki. A review of patients with ketoacidosis in type 1 diabetes. *Diabetic Medicine* 2006;23:377 P1057
- 37) Maryam Razzaghy Azar, Ali Moghimi, Nader Sadigh et.al. Age of puberty in Iranian girls living in Tehran. *Annals of Human Biology* 2006;33(5/6):628 – 633
- 38) Maryam Razzaghy Azar, Ali Moghimi, Mehdi Montazer, et.al. Cross-sectional reference values for height, weight and body mass index of schoolchildren living in Tehran, Iran. *Annals of Human Biology* 2006;33(4):471-79
- 39) M. Razzaghy Azar, M. Nourbakhsh, F. Hajjghasemi. Clinical and hormonal milieu of 9 patients with primary growth hormone insensitivity syndrome and their response to IGF-I generation test. *Acta Medica Iranica*, 2006;44(1): 53-58
- 40) Maryam Razzaghy Azar, Peymaneh Sarkhail. Frequency of nonclassic congenital adrenal hyperplasia in 100 cases of hirsutism and premature pubarche. 13th Asia-Oceania Congress of Endocrinology, 2006:112.
- 41) Shahla Vaziri Esfarjani, Maryam Razzaghy Azar, Elham Irvani. Comparison of lipids and lipoprotein levels of cord blood in neonates in Ahwaz city with the same parameters in

- Nelson's textbook of pediatrics. Hormone Research 2006; 65(suppl 4):138, PO1-483
- 42) Maryam Razzaghy Azar, Robabeh Ghergherechi. Frequency of metabolic syndrome in 153 cases of children and adolescents. Hormone Research 2006; 65(suppl 4):83, PO3-287
- 43) Mona Nourbakhsh, Maryam Razzaghy Azar. Pregnancy outcome in patients with diabetes mellitus. Diabetic Medicine 2006;23:506 P1416
- 44) Mohsen Firoozrai, Mitra Nourbakhsh, Maryam Razzaghy Azar. Erythrocyte susceptibility to oxidative stress and antioxidant status in patients with type 1 diabetes. Diabetes Research and Clinical Practice. 2007;77(3):427-32.
- 45) Maryam Razzaghy Azar, Marjan Shakiba, Roya I. Tafreshi, Mohamed S. Rashed. Heart failure in a patient with methylmalonic acidemia. Molecular Genetics and Metabolism 92 (2007) 188.
- 46) Robert C. Wilson, Saroj Nimkarn, Miro Dunic, Jihad Obeid, Maryam Razzaghy Azar, Hossein Najmabadi, Fatemeh Saffari, Maria I. New. Ethnic-specific distribution of mutations in 716 patients with congenital adrenal hyperplasia owing to 21-hydroxylase deficiency. Molecular Genetics and Metabolism. 90 (2007) 414 - 421.
- 47) Maryam Razzaghy Azar, Robabeh Ghergherechi, Mina Razzaghy Azar. Beta cell function and insulin sensitivity indices in obese children and adolescents, Hormone Research, 2007;68(S1):111, PO1-360.
- 48) Ali Moghimi, Maryam Razzaghy Azar. Prevalence of overweight and obesity in Iranian schoolchildren living in Tehran, Iran in 2004. Hormone Research, 2007;68(S1):113, PO1-368
- 49) Robabeh Ghergherechi, Maryam Razzaghy Azar. Plasma lipid profile in obese children and adolescents. Hormone Research. 2007;68(S1):244, R-25
- 50) Gholam Hossein Riazi, Maryam Razzaghy-Azar, Mohammad Taghikhani et.al. Metabolic

- Effects of Glucose Lowering Substance of *Urtica Dioica* on Normal and Diabetic Mice, and Patients with Type I Diabetes Mellitus. *Iranian Journal of Pediatric Society*. 2007; (1)2: 25-30.
- 51) Riazi Gh H, Razzaghy Azar M, Taghikhani M et.al. Metabolic effects of glucose lowering substance of *Urtica Dioica* on normal and diabetic mice and patients with type 1 diabetes mellitus. *Iranian Journal of Pediatric Society*, 2007; 1(2):25-30.
- 52) Maryam Razzaghy Azar. Delayed puberty. Abstracts book of the 1st Arab and Iranian congress of endocrinology and diabetes and the 16th congress of Syrian Endocrine Society. 9th - 11th April, 2008;36
- 53) A. Nickavar, M. Razzaghy Azar. Pheochromocytoma associated with renal agenesis. *Acta Medica Iranica* 2008; 46(1):81 - 83.
- 54) Maryam Razzaghy-Azar; Marjan Shakiba. Subclinical vitamin D deficiency in healthy children and adolescent. *Hormone Research* 2008; 70, S1 P1-d1-167:50.
- 55) Peymaneh Sarkhail; Maryam Razaghy-Azar. Frequency of non-classical congenital adrenal hyperplasia in 100 girls with hirsutism and premature pubarche. *Hormone Research* 2008; 70, S1, P2-d2-456:136
- 56) Fatemeh Saffari, M. Razzaghy-Azar. Phenotype and genotype in CAH patients. *Hormone Research* 2008; 70, S1, P2-d2-489:146
- 57) Sedigheh Daneshvar, Zohreh Khavandgar, Masoud Seifi, Maryam Razzaghy-Azar. - Evaluating the effectiveness of thyroxin alone and with prostaglandin E2 and vitamin D and calcium gluconate on orthodontic tooth movement and root resorption in rat. *Hormone Research* 2008; 70, S1, P2-d2-549:164
- 58) Shahla Vaziri Esfarjani, Maryam Razzaghy-Azar, Mahkam Farhangzadeh. Determination of the relationship between final height and BMI and Mid-parental height in high school students, 16-17 yr-old in 2007. *Hormone Research* 2008; 70, S1, R-38:233
- 59) Shahla Vaziri Esfarjani, Maryam Razzaghy-Azar, Bita Kalantarian. The age of menarche and its relationship with regularity of menses in Iranian high school girls. *Hormone Research* 2008; 70, S1, R-91:247
- 60) Robabeh Ghergherehchi, Maryam Razzaghy-Azar. Prevalence of impaired fasting glucose

among overweight and obese children and adolescents. *Hormone Research* 2008; 70, S1, R-116:254

- 61) Maryam Razzaghy Azar. Delayed Puberty. Abstract book of the 1st Arab and Iranian Congress of Endocrinology and Diabetes and the 16th Congress of Syrian Endocrine Society 9 - 11 April 2008 Syria; 36
- 62) Maryam Razzaghy Azar, Zahra Farahnak. Frequency of Nephropathy and its relation to metabolic control in patients with diabetes mellitus. *ARYA Atherosclerosis Journal* 2008, 3(4): 219-222.
- 63) Ali Ramazani, Kimia Kahrizi, Maryam Razaghiazar, Nejat Mahdieh and Paul Koppens. The Frequency of Eight Common Point Mutations in CYP21 Gene in Iranian Patients with Congenital Adrenal Hyperplasia. *Iranian Biomedical Journal* 2008;12 (1): 49-53
- 64) Maryam Razzaghy Azar, Delphine Mallet, Yves Morel. Report of 7 patients with lipid adrenal hyperplasia and their genetic study. *Hormone Research* 2009;72, S3:344
- 65) Maryam Razzaghy-Azar, Kobra Shiasi, Robabeh Ghergherechi. Evaluation of homeostasis model assessment indices in children and adolescents. *Hormone Research* 72, S3; 2009:407
- 66) Mona Nourbakhsh, Maryam Razzaghy-Azar. Frequency of different types of pathologic delayed puberty and height alteration after treatment. *Hormone Research*. 2009;72, S3: 271.
- 67) Mohammad Reza Talebi Ardakani, Sedigheh Daneshvar, Maryam Razzaghy Azar, Shahla Vaziri Esfarjani, Sara Razmvar. Evaluation of periodontal disease in diabetic patients (NIDDM, IDDM) by using CPITN index. *Hormone Research* 2009; 72, S3:506
- 68) Mohammad Reza Talebi Ardakani, Sedigheh Daneshvar, Maryam Razzaghy Azar, Shahla Vaziri Esfarjani, Mehdi Hashemzadeh, Amir Moein Taghavi, Ahmad Haerian, Mohammad Afkhami Ardakani, Sara Razmvar. The correlation between sulcular glucose blood level and capillary glucose blood level. *Hormone Research* 2009; 72, S3:484
- 69) Maryam Razzaghy Azar. Congenital hypothyroidism: Screening and Management. In the abstract book of 2nd Arab - Iran Congress of Endocrinology and Diabetes. Oct. 27 - 28, 2009 Tehran

- 70) Maryam Razzaghy Azar, Morteza Alijanpour, Hossein Zaeri. Malony - CoA Decarboxylase deficiency (Malonic Aciduria) and report of a case. In Abstract book of The second International Congress on Inborn Metabolic Disorders, Dec. 7 - 10, 2009
- 71) Khakijeh Arjomandi, Maryam Razzaghy-Azar, Leila Zahedi-Shoolami et.al. Bone mineral density in β thalassemia major and intermedia, correlation with biochemical and hormonal profiles. Iranian journal of blood and cancer, 2009;4(1):121 - 7.
- 72) Shadab Salehpour, Parvin Alipour, Maryam Razzaghy-Azar, Laleh Ardeshirpour, Alireza Shamshiri, Mahtab Farahmand Monfared, Atoosa Gharib. A Double-Blind, Placebo-Controlled Comparison of Letrozole to oxandrolone Effects upon Growth and Puberty of Children with constitutional Delay of Puberty and Idiopathic Short Stature. Horm Res Paediatr 2010;74(6):428-35.
- 73) Maryam Razzaghy-Azar, Marjan Shakiba. Assessment of vitamin D status in healthy children and adolescents living in Tehran and its relation to iPTH, gender, weight and height. Annals of Human Biology, September-October 2010; 37(5): 692-701.
- 74) Maryam Razzaghy-Azar, Fariba Ghasemi, Farideh Hallaji, Abbas Ghasemi, Mehdi Ghasemi. Sonographic Measurement of Uterus and Ovaries in Premenarcheal Healthy Girls Between 6 and 13 Years Old: Correlation with Age and Pubertal Status. J Clin Ultrasound. 2011;39:64-73
- 75) Amirreza Haghighi, Maryam Razzaghy-Aza Ali Talea et. al. Identification of a novel nonsense mutation and a missense substitution in the AGPAT2 gene causing congenital generalized lipodystrophy type 1. European Journal of Medical Genetics. 2012;55:620-624.
- 76) Maryam Razzaghy Azar, Mona Nourbakhsh, Mitra Nourbakhsh. A review of patients with congenital adrenal hyperplasia. P2-d3-434, Hormone Research in Paediatrics, Abstracts, 51st Annual Meeting of ESPE. 2012;78,S1:136
- 77) Maryam Razzaghy Azar, Fatemeh Tabatabaei. Gitelman syndrome: a case report. TUMJ. 2012;70(7):457 - 459.
- 78) Shojaei A, Behjati F, Derakhshandeh-Peykar P, Razzaghy-Azar M, Otukesh H, Kariminejad R, Dowlati MA, Rashidi-Nezhad A, Tavakkoly-Bazzaz J. Partial trisomy 7q and monosomy 13q in a child with disorder of sex development: phenotypic and genotypic findings. Gene. 2013 Mar 15;517(1):137-45. doi: 10.1016/j.gene.2012.11.013. Epub 2012 Nov 30.

- 79) Maryam Razzaghy Azar, Mona Nourbakhsh, Mitra Nourbakhsh. Congenital adrenal hyperplasia: Experience in Iranian Patients. *J Compr Ped.* 2012;3(2):54-61.
- 80) Maria I. New, Moolamannil Abraham, Brian Gonzalez, Miroslav Domic, Maryam Razzaghy-Azar, et. Al. Genotype-phenotype correlation in 1,507 families with congenital adrenal hyperplasia owing to 21-hydroxylase deficiency. *PNAS*, Feb.12, 2013;110 (7):2611-2616.
- 81) Babak Behnam, Marjan Shakiba, Ali Ahani, Maryam Razzaghy Azar. Recurrent Hepatitis in Two Iranian Children: A Novel (Q166R) Mutation in EIF2AK3 Leading to Wolcott-Rallison Syndrome. *Hepat Mon.* 2013;13(6):e10124.
- 82) Ozra Tabatabaei-Malazy, Mohammad Reza Mohajeri-Tehrani, Ramin Heshmat, Eghbal Taheri, Gita Shafiee, Maryam Razzaghy-Azar, Ali Rabbani, Mostafa Qorbani, Hossein Adibi, Samimeh Shahbazi, Farzaneh Karimi, Sheema Rezaian, Bagher Larijani. Efficacy and safety of Samtropin™ recombinant human growth hormone; a double-blind randomized clinical trial. *Journal of Diabetes & Metabolic Disorders.* 2014;13:115.
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- 84) Azadeh Shojaei, Farkhondeh Behjati, Reza Ebrahimzadeh-Vesal, Maryam Razzaghy-Azar, et.al. Mutation analysis of androgen receptor gene: Multiple uses for a single test. *Gene* 552 (2014) 234–238.
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- 86) Nourbakhsh Mitra, Nourbakhsh Mona, Gholinejad Z, Razzaghy-Azar Maryam. Visfatin in obese children and adolescents and its association with insulin resistance and metabolic syndrome. *Scand J Clin Lab Invest.* 2015 Apr;75(2):183-8.
- 87) Razzaghy-Azar M, Latifi M, Ilbeygi D, Larijani B, Nourbakhsh M. Total and Acylated Ghrelin Levels in Children and Adolescents with Idiopathic Short Stature and Poor Appetite. *Acta Endo (Buc)* 2015, 11 (3): 401-406.
- 88) Identification and treatment of patients with homozygous familial hypercholesterolemia: Information and recommendations from a Middle East Advisory Panel. *Current Vascular*

Pharmacology; 2015,13:759-770.

- 89) Amir Hossein Jalali Nadoushan, Maryam Razzaghy-Azar, Fatemeh Tabatabaei, Kaveh Alavie, Negar Mazloomhoseini. Comparison of Psychological Health in Mothers of Diabetic and Leukemic Children and Control Group. *J Compr Ped.* 2015 May; 6(2): e24348.
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- 96) Azadeh Shojaei, Reza Ebrahimzadeh-Vesal, Ahani Ali, Maryam Razzaghy-Azar, Golnaz khakpour, Farideh Ghazi, Javad Tavakkoly-Bazzaz. Genetic Screening of Iranian Patients with 46,XY Disorders of Sex Development. *Reports of Biochemistry & Molecular Biology* Vol. 6, No.1, Oct 2017.
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- 137) Precocious puberty. In the book of *Endocrine Congress*, Ferdos Tehran 1988
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- 139) Razzaghy Azar M. Some points in pancreatic transplantation In: Advances in Pediatrics, Iran Society of Pediatrics. Nozhat publisher, Tehran, 1989
- 140) Razzaghy Azar M. Hypoglycemia in: Pediatric diseases, Bavardaran publisher, Tehran, 1990.
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- 145) Razzaghy Azar M. Causes of short stature. In: Current disorders in pediatrics. Roshdih publisher, Tehran, 1995.
- 146) Razzaghy Azar M. Growth hormone in Turner syndrome In: Pediatric diseases, Ghasem publisher, Tehran, 1995.
- 147) Razzaghy Azar M. Congenital hypothyroidism In: Advances in Pediatrics, Iran Society of Pediatrics. Saba publisher, Tehran, 1997.
- 148) Razzaghy Azar M, Salehpour Sh. Treatment of bone dysplasia with growth hormone In: Pediatric diseases, Ghasem publisher, Tehran, 1998.
- 149) Razzaghy Azar M. Review of patients with diabetic ketoacidosis in H. Aliasghar Hospital. In: Advances in Pediatrics, Iran Society of Pediatrics. Nozhat publisher, Tehran, 1377.
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- 153) Razzaghy Azar M, Nourbakhsh M. Experience on patients with congenital adrenal hyperplasia. In: Abstract book of 2nd Iranian Turkish Pediatric Meeting, Iranian Society of Pediatrics. Tehran, 2012.
- 154) Razzaghy Azar M. Lipoprotein disorders in children. In: Advances in Pediatrics, Iranian Society of Pediatrics., Tehran, 2014.

Books

Supervision of translation in two books

1. Endocrinology of Nelson Textbook of Pediatrics 19th Edition; 2011.
2. Inborn Errors of Metabolism of Nelson Textbook of Pediatrics 19th Edition; 2011.

Scientific supervision 2016:

3. Learn how to self-care in the diabetes prevention and control
4. Applied principles of journalistic reference in the studies of health behavior
5. Learn how to self-care in the myocardial infarction prevention and control
6. Applied principles of health behavioral science research methods
7. SPSS software applied training
8. Familiar the types of research studies in health behavioral sciences
9. Applied methods for determining the sample size in the studies of health behavior
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11. Introduction to data mining and fuzzy logic diagnosis of diseases
12. Congenital adrenal hyperplasia In: Endocrine disorders. Editors:Fereidoun Azizi, Bagher Laijani, Hossein Delshad, Farhad Hosseinpanah. 2016;(2nd edition)P:210-222.

Congress presentations (lectures)

1. Extramembranous glomerulonephritis, Annual meeting of Mohammad Gharib, Tehran,1364
2. Hypoglycemia, Annual meeting of Iranian Society of Pediatrics & Memorial of Prof. Mohammad Gharib, Tehran, 1988

3. Precocious puberty, Annual Endocrine Congress, Tehran, 1988
4. Obesity in children, Annual Endocrine Congress Tehran, 1988
5. Treatment of short stature, Annual Endocrine Congress Tehran, 1988
6. Some points about pancreatic transplantation, Advances in Pediatrics, Tehran, 1989
7. Congenital adrenal hyperplasia, Pediatric diseases Congress, Tehran, 1990
8. Thyroid disorders in children, Continuing medical education for pharmacologists, Tehran, 1990
9. Infections and endocrinology, Infectious disease Congress, Tehran, 1990
10. Fetal growth factors in diabetic mother, Annual Endocrine Congress, Tehran, 1990
11. Review of 10 patients with virilizing adrenal tumor, Annual meeting of Pediatric diseases, Tehran, 1991
12. Roles of growth factors in human body, Advances in Pediatrics, Tehran, 1991
13. Hypoparathyroidism in children, Annual meeting of Iranian Society of Pediatrics & Memorial of Prof. Mohammad Gharib, Tehran, 1990
14. Review of 12 cases with Laron type dwarfism, Annual Endocrine Congress, Tehran, 1992
15. Chronic complications of diabetes, diabetes seminar, Tehran, 1992
16. Endocrine hypertension, Annual meeting of Iranian Society of Pediatrics & Memorial of Prof. Mohammad Gharib, Tehran, 1993
17. Growth disorders, Continuing medical education, Tehran, 1994
18. Hypothyroidism, endocrine seminar, Tehran, 1994
19. Hyperglycemia and its complications, diabetes seminar, Tehran, 1994

20. Study on patients with GH resistant syndrome with IGF-I generation test, Annual Congress of Pediatrics, Tehran, 1994
21. Screening for GH resistant disease, Annual Endocrine Congress, Tehran, 1994
22. Apparent mineralocorticoid excess in 3 siblings, Annual Endocrine Congress, Tehran, 1994
23. A review of patients with type 1 diabetes, Annual Endocrine Congress, Tehran, 1994
24. Indication and method of medical treatment in undescended testes, Iranian surgeon society annual meeting, Tehran, 1995
25. Diabetes metabolic control, continuing medical education for endocrinologists, Tehran, 1995
26. Growth hormone in Turner syndrome, review of cases Annual Congress of Pediatrics, Tehran, 1995
27. Chronic complications of type 1 diabetes and its prevention, Congress of ophthalmology society, Tehran, 1995
28. Causes of short stature, Annual meeting of Iranian Society of Pediatrics & Memorial of Prof. Mohammad Gharib, Tehran, 1995
29. Acne and hirsutism and management, monthly conference of dermatologists, Tehran, 1997
30. Hypothyroidism, Biochemistry Congress, Babol, 1997
31. Diabetes mellitus, endocrine seminar, Kermanshah, 1997
32. Ambiguous genitalia, Kermanshah, 1997
33. Growth and development in children, Kermanshah, 1997
34. Congenital hyperthyroidism, Annual meeting of Iranian Society of Pediatrics & Memorial of Prof. Mohammad Gharib, Tehran, 1997

35. Growth hormone in bone dysplasia, Annual Congress of Pediatrics, Tehran, 1997
36. Diabetic ketoacidosis, Congress of advances in pediatrics, Tehran, 1997
37. Hypoglycemia, hypocalcemia and electrolytes disturbances, continuing medical education, Tehran, 1997
38. Type 1 diabetes mellitus, Iranian pharmacology society annual meeting, Tehran, 1997
39. Ambiguous genitalia, congress of surgical emergency, Tehran, 1999
40. Common endocrinology disorders in children, Congress of advances in pediatrics, Tehran, 1999
41. Diabetic ketoacidosis, continuing medical education, Tehran, 1999
42. Precocious puberty, Congress of Surgeons Society, Tehran, 1999
43. A review of congenital adrenal hyperplasia, Annual Endocrine Congress, Tehran, 1999
44. Precocious puberty, International symposium on updates of medicine, Tehran, 1999
45. Pathogenesis of different types of diabetes mellitus, one day seminar of diabetes, Tehran, 1999
46. Hypothyroidism, Congress for decreasing mortality and morbidity in mother and fetus, Tehran, 2000
47. Growth hormone and tumor relapse, Annual Congress of Pediatrics, Tehran, 2000
48. A review of 391 patients with congenital adrenal hyperplasia Congress of advances in pediatrics. Tehran, 2000
49. Short stature and its causes, Congress of General Practitioners, Tehran, 2000
50. Thyroid tests, continuing medical education, Clinical Biochemistry Society, Tehran, 2000
51. Diabetes, Congress of General Practitioners, Tehran, 2001

52. Physiology of Growth Hormone, Growth symposium with participation of Prof. Blizzard, Tehran, 2001
53. Precocious puberty, Annual Endocrine Congress, Tehran, 2001
54. Hormonal disorders in Down syndrome, Congress of chromosomal aberrations with cerebral disorders, Tehran, 2001
55. Diabetes control in school and day care centers, Congress of new horizon in education and treatment of diabetes, Tehran, 2001
56. Treatment of precocious puberty, continuing medical education for gynecologists, Tehran, 2001
57. Growth Hormone Therapy in Children, 7th International Congress of Endocrine Disorder, Tehran, 2004
58. Precocious puberty, Razi Congress, Tehran, 2006
59. Delayed puberty, 111th symposium of Iranian Society of Endocrinology, Tehran, 1385
60. Delayed puberty, Congress of Advances in Pediatrics, Tehran, 2006
61. Hypocalcemia, Congress of Pediatric Emergency, Tehran, 2006
62. Diabetes, classification, pathogenesis, acute complications, seminar of diabetes, Tehran, 2006
63. Precocious puberty, continuing medical education, Tehran, 2006
64. Delayed puberty and review of cases, 13th Asia Oceana Congress, in English, Tehran, 2006
65. Dyslipidemia and atherosclerosis, Congress of Advances in Pediatrics, Tehran, 2007
66. Heart failure associated with methylmalonic academia, International Congress of Inborn Error of Metabolism, Tehran, 2007
67. Disorders of Sex Development, monthly meeting of Genetic Society of Iran, Tehran, 2007

68. Short stature and growth in children, Continuing medical education, Institute of Endocrinology and Metabolism, Tehran, 2007
69. Growth disorders, 2nd Congress of Pediatric Endocrinology, Isfahan, 2007
70. Congenital adrenal hypertension, Symposium of shock and resuscitation in children, Tehran, 2007
71. Comprehensive description of type 1 and type 2 diabetes mellitus, Workshop of insulin therapy, Tehran, 2007
72. Obesity in children and adolescents, Symposium of obesity in children and adolescent, Tehran, 2007
73. Insulin resistance, 3rd international seminar of updates of diabetes, Tehran, 2007
74. Hypothyroidism, congress of thyroid screening, Tehran, 2007
75. Congenital hypothyroidism. 1st International Forum on Thyroid Disorders in the Intercontinental Region, Dubai, Festival City, 2008
76. Disorder of sex development, 23rd congress of radiology, Tehran, 2007
77. Approach to disorder of sex development, continuing medical education of Iranian society of fertility and sterility, 2007
78. Disorder of sex development, its classification and description of different types, Congress of urology in pediatrics, Tehran, 2007
79. Delayed puberty, 1st Arab and Iranian congress of endocrinology and diabetes and the 16th congress of Syrian Endocrine Society, Syria, 9th – 11th April 2008.
80. Metabolic syndrome in children and adolescents. Annual meeting of Iranian Society of Pediatrics & Memorial of Prof. Mohammad Gharib, Tehran, 2008.
81. Metabolic syndrome in children, 1st Iranian congress of metabolic syndrome, Tabriz, 2008.
82. Diabetic ketoacidosis. Educational workshop of standard care and treatment in patients with diabetes mellitus. Institute of Endocrinology and Metabolism. Tehran, 2008.
83. Ambiguous genitalia. Congress of necessary knowledge in children's urology. Tehran, 2008
84. Hypothyroidism. Continuing medical education of Iranian Society of Pediatrics, Tehran, 2008
85. Androgen secreting tumor and congenital adrenal hyperplasia. Congress of Iranian society of fertility and sterility, Tehran, 2008.
86. Congenital hypothyroidism. 1st International forum on thyroid disorders, Dubai, Festival City, 2008.

87. Precocious puberty, Dubai, standalone of Ipsen company, 2009
88. Prevalence of Vit. D deficiency in children and adolescents of Tehran City. Congress of advances in Pediatrics and Thirtieth memorial of Prof. Mohammad Gharib, 2009
89. Updates of treatment of diabetes. International Congress on Diabetes and its Complications, Yazd Iran, 2009
90. Treatment and follow up in congenital hypothyroidism. Seminar of thyroid diseases, Tehran, 2009
91. Causes and evaluation of short stature. Seminar of diagnosis and treatment of growth disorders, Institute of Endocrinology and Metabolism Congress, 2009
92. New treatments of diabetes mellitus. International Congress on Diabetes and its Complications, 2009 Yazd Iran
93. Congenital hypothyroidism: Screening and Management. In the 2nd Arab – Iran Congress of Endocrinology and Diabetes. Tehran, 2009
94. Congenital adrenal hyperplasia, 10th Iranian Congress of Biochemistry & 3rd International Congress of Biochemistry and Molecular Biology, Tehran, 2009
95. Rickets. Continuing medical education of general practitioners, Tehran, 2009
96. Congenital adrenal hyperplasia. Continuing medical education of pediatricians, Tehran, 2009
97. Malonyl – CoA Decarboxylase deficiency (Malonic Aciduria) and report of a case. The second International Congress on Inborn Metabolic Disorders, Tehran, 2009
98. Hypoglycemia, Conference of Tarbiat Modarres University, Tehran, 2010
99. Precocious puberty. Symposium of growth disorders of Institute of Endocrinology and Metabolism of Shahid Beheshti University, Tehran, 2009
100. Non classical congenital adrenal hyperplasia, continuing medical education of fertility and sterility society of Iran, Tehran, 2009
101. Evaluation of short stature. Congress of advances in Pediatrics and Thirtieth memorial of Prof. Mohammad Gharib, Tehran 2009
102. Maryam Razzaghy-Azar. Metabolic syndrome in children and adolescents. 54th National Congress of Pediatrics and 1st Turkish – Iranian Pediatric Meeting, 2010, Antalia Turkey
103. What is diabetes? The first Congress of healthy life with diabetes, Tehran, 2010
104. Hyperthyroidism in children and adolescents, Symposium of treat ways of hyperthyroidism, Tehran, 2010.

105. The effect of iodide on brain growth. Annual meeting of Iranian Society of Pediatrics & Memorial of Prof. Mohammad Gharib. Tehran, 2011
106. Prevalence of PKU in Iran . 2nd MSME Regional PKU Meeting. Wafi City, Dubai, 2011.
107. A review of congenital adrenal hyperplasia. 2nd Turkish – Iranian Pediatric Meeting, Tehran, 2012
108. Work with growth curves. Annual meeting of Iranian Society of Pediatrics & Memorial of Prof. Mohammad Gharib. Tehran, 2012
109. MC Cune Albright syndrome and review of the cases, Seminar Saving Childhood, Istanbul, Turkey, 2 – 3 Nov. 2012
110. Role of growth hormone therapy on patients quality of life, seminar of growth hormone, Tehran, 2012
111. Disorder of sex development. Iranian Congress of Pediatric Surgery, Tehran, 2013
112. Diabetes mellitus in children and report of rare cases. International congress of pediatrics, Tehran, 2013.
113. Congenital adrenal hyperplasia, Updates of endocrinology and metabolism congress, Tehran, 2013
114. Diabetes. Congress of updates in prevention and treatment of diabetes, Tehran, 2013
115. Metabolic syndrome in children and role of fast foods, 4th congress of prevention and treatment of obesity, Tehran, 2013.
116. Early treatment with growth hormone, H. Aliasghar Hospital, Tehran, 2013
117. Obesity in children, symposium of overweight and obesity, Tehran, 2013
118. Congenital Lipoprotein disorders, 6th International Congress of Laboratory & Clinic, Tehran, 2014
119. Diagnosis and treatment congenital hypothyroidism. Thyroid screening workshop, Tehran, 2013.
120. Disorders of growth and puberty. Seminar of disorders of growth and puberty, Tehran, 2014
121. Disorders of calcium and phosphorus, water and electrolyte workshop, Tehran, 2014.
122. Non classical congenital adrenal hyperplasia. Annual meeting of Iranian Society of Pediatric Endocrinology, Hamedan, 2014.
123. Hypoglycemia. Seminar of sick child, Tehran, 2014.
124. European Society for Pediatric Endocrinology annual meeting with presentation of poster 18-20 Sept. 2014

125. Lipoprotein metabolism and disorders, speakers: Maryam Razzaghy-Azar, M.D. Mitra Nourbakhsh PhD, Annual biochemistry meeting 2015
126. Various types of mongenic diabetes in children. Workshop speaker In: 1st EASD Postgraduate Course on Clinical Diabetes and its Complications in Iran. In Endocrinology and Metabolism Research Center, Shahid Beheshti University of Medical Sciences. 22nd Feb.,2015
127. Cushing syndrome and rare types of it, Annual Congress of Iranian Pediatric Society and 37th Memorial of Prof. Mohammad Gharib. April, 2015
128. Importance of Iodide in growth and development of fetal and neonatal brain. World thyroid day symposium. In Endocrinology and Metabolism Research Center of Shahid Beheshti University of Medical Sciences. 20 May 2015.
129. Precocious puberty and delayed puberty, Symposium of precocious puberty and delayed puberty, Endocrinology and Metabolism Research Institute of Shahid Beheshti University of Medical Sciences, Iran 29 July; 2015
130. Hypothyroidism (congenital and acquired) in International Congress of Pediatrics in Tehran 2015.
131. Hepatic disorders in inborn errors of metabolism, Neurometabolic Society Congress, Mofid Hospital 26th Nov. 2015.
132. Diabetes in special group. Iran Diabetes Leadership Forum. Iran Broadcasting International Congress Center. 22 Nov. 2015
133. 11th International congress of endocrine disorders. “Delayed puberty, diagnosis and treatment”. Iran 2015
134. Thyroid screening Iran focal points meeting, central library of Iran University of Medical Sciences; 14th Feb. 2016
135. Calculating height and height velocity standard deviation score and other growth parameters in patients with chronic kidney disease (CKD). Growth Hormone Administration in CKD seminar, 3rd March, 2016.
136. A new metabolic disorder with high serum methanol. Annual Congress of Iranian Pediatric Society and 37th Memorial of Prof. Mohammad Gharib and 4th joint meeting of Turkish and Iranian Society of Pediatrics. 21 April, 2016
137. Rare cases of Cushing syndrome. International Pediatric Congress of Professor Amirhakimi. Shiraz, 10 – 13 May 2016.

138. Lactate and Pyruvate disorders. 9th Congress of Pediatric Endocrinology and Metabolism. Tabriz University of Medical Sciences. 30 July, 2016.
139. Approach to patient with disorder of sex development. Congress of genetic counseling and its role on prevention of disabilities. Razi International Congress Center. 11 Oct. 2016
140. Lactate and Pyruvate disorders. 14th Biochemistry Congress of Iran. Abureihan Congress Center of Shahid Beheshti University. 16th Oct. 2016.
141. European Society for Pediatric Endocrinology annual meeting, Paris 10 – 12 Sept. 2016 with 3 posters
142. 13th Middle East Metabolic Group (MEMG) Amman Jordan, Lecture title: Autonomous drunken child with a novel metabolic disorder in degradation of methanol. 28 – 30 October, 2016
143. 11th International Congress of Endocrine Disorders (ICED2016). Lecture title: Precocious puberty (case discussion). 2 – 4 November, 2016
144. 2nd Pediatric Endocrinology Regional Forum for Education Communication and Training (PERFECT 2). 1- Plenary lecture about McCune-Albright syndrome and the associated pubertal abnormalities. 2- Case discussion in precocious puberty Guanzhou – China Dec 17, 2016
145. Annual seminar of neurometabolic. Panel of fatty acid beta oxidation defects. In Children's Medical Center 29th Dec. 2016
146. Razzaghy Azar Maryam. Recent Secular Trends in Pubertal Timing (Iran data). Paediatric Endocrinology Regional Forum for Education, Communication and Training (PERFECT3). 18th and 19th Nov. 2017 Incheon Korea abstract book. Novel insight and future direction for the management of puberty & growth disorder. 2017, page 20.
147. First congress of common disease in children. "Updates of ketoacidosis treatment" 2017
148. 19th European congress of endocrinology (ECE). "Mir 26b is decreased in obesity and is associated with insulin resistance and visfatin levels". Portugal 2017
149. 25th Annual congress of the Iranian society of pediatric surgeons. "Sex determination in disorders of sexual development and case presentation". Iran 2017
150. Symposium on type 1 diabetes updates. "Pharmacological management of type 1 diabetes mellitus". Iran 2017

151. Novo Nordisk & IFPMA workshop: Measure height measure health. “A review on growth disorders and treatment indications”. Iran 2017
152. Symposium on rare metabolic and genetic diseases. “Rare metabolic diseases associated with lipids”. Iran 2017
153. Annual Congress of Iranian Pediatric Society and 38th Memorial of Professor Mohammad Gharib. "Precocious puberty: Who should be treated and what are the types and causes" Iran 2017.
154. Annual Congress of Iranian Pediatric Society and 39th Memorial of Professor Mohammad Gharib. "Thyroid disorders" Iran 2018.
155. 2nd congress of common disease in children. "Disorder of sex development". Iran 2018
156. 14th MEMG meeting. “Angiopietin-like protein 2 is associated with dyslipidemia and hypertension in children and adolescents”. Greece 2018
157. 14th MEMG meeting "Familial Chylomicronemia (Type 1 Hyperlipidemia) in Two Children Treated by Clofibrate" Greece 2018.
158. 20th European congress of endocrinology (ECE). Spain 2018
159. A review of growth disorders and indications of growth hormone therapy, symposium on growth hormone therapy. Tehran 5th Oct. 2018.

Posters

1. Screening for GH resistant disease by IGF-I generation test, annual meeting of European Society for Pediatric Endocrinology (ESPE), Netherland, 1994
2. Growth hormone and tumor relapse, Sweden, 1997
3. Effects of gonadotrophin-releasing hormone agonist on weight and height in children with central precocious puberty, ESPE, Poland, Warsaw, 1999

4. Atypical facial phenotype in growth hormone insensitivity, syndrome (GHIS) patients: Relationship of facial phenotype to clinical and biological variables. ESPE, Poland, Warsaw, 1999
5. Determination of blood glucose lowering substance of a native plant and study of its metabolic effects on normal and diabetic mice. IDF, Cape Town, 2000
6. Comparison of 2 different ways of hydrocortisone administration in patients with congenital adrenal hyperplasia. ESPE, Belgium, 2000
7. A review of 392 patients with congenital adrenal hyperplasia. ESPE, Canada, Montreal, 2001
8. Hypophosphatemic bone disease needs lifelong treatment. ESPE, Spain, 2002
9. Serum retinol concentration in patients with type 1 diabetes mellitus. 3rd Asian congress of dietetics 2002
10. Offspring of 2 mothers with congenital adrenal hyperplasia. ESPE, Spain, 2002
11. Chronic complications in 1242 patients with diabetes mellitus. IDF, France, 2003
12. Pregnancy Outcome in Patients with Diabetes Mellitus IDF 2003
13. The Effect of Cyproheptadine Hydrochloride on Height of Patients with Laron Type Dwarfism. ESPE, 2003, Slovenia
14. Survey of height and weight percentiles in school girls of Shahr Ray in 2001. 7th International Congress of Endocrine Disorders, Tehran, 2004.
15. Survey of pubertal signs in school girls of Shahr Ray in 2001. 7th International Congress of Endocrine Disorders, Tehran, 2004.
16. Final height and weight in patients with congenital adrenal hyperplasia. ESPE, Switzerland, 2004
17. M. Firoozray, M. Razzaghy-Azar, M. Nourbakhsh, The effect of oxidative stress on erythrocyte lipids in type 1 diabetes mellitus, Horm. Res. 62 (S2) (2004) 134, P3-480 (43th Annual Meeting of European Society for Pediatric Endocrinology (ESPE), Basel, Switzerland, 10–13 September 2004). Horm Res Paediatr Vol. 62, Suppl. 2, 2004
18. Diagnostic evaluation of different times of growth hormone provocative tests. 7th International Congress of Endocrine Disorders, Tehran, 2004.

19. Growth hormone therapy in children. 7th International Congress of Endocrine Disorders, Tehran, 2004.
20. Antioxidant status in patients with type 1 diabetes mellitus. ESPE, France, 2005
21. The age of puberty in Iranian girls. ESPE, France, 2005
22. Diagnostic accuracy of different samples after GnRH stimulating test for determining of central precocious puberty. ESPE, France, 2005
23. The age at the onset of puberty in Iranian boys. ESPE, France, 2005
24. Iranian cross-sectional reference standards for height, weight and body mass index attained at 6 to 15 years (boys) or 17 years (girls). ESPE, France, 2005
25. Clinical manifestations, laboratory tests and precipitating factor of diabetic ketoacidosis in patients with type 1 diabetes mellitus. 4th World Congress on Prevention of Diabetes and its Complications · Chennai, India, 2005
26. Frequency of nonclassic congenital adrenal hyperplasia in 100 cases of hirsutism and premature pubarche. 13th International congress of Asia Oceania Congress, Tehran Iran, 2006
27. Comparison of lipids and (lipoprotein) levels of cord blood in neonates in Ahwaz city with the same parameters in Nelson's textbook of pediatrics. ESPE, Copenhagen, 2006
28. Frequency of metabolic syndrome in 153 cases of children and adolescents. ESPE, Copenhagen, Denmark, 2006
29. Pregnancy outcome in patients with diabetes mellitus, 19th World Diabetes Congress, International Diabetes Federation South Africa, 2006
30. A review of patients with ketoacidosis in type 1 diabetes, EASD, European Association for Study of Diabetes, Copenhagen, Denmark, 2006
31. Beta cell function and insulin sensitivity indices in obese children and adolescents, ESPE, Finland, 2007
32. Prevalence of overweight and obesity in Iranian school children living in Tehran, ESPE, Finland, 2007
33. Plasma lipid profile in obese children and adolescents. ESPE, Finland, 2007
34. Age incidence and etiology of precocious puberty in the institute for endocrinology and metabolism of Iran. ESPE Finland, 2007

35. The age of menarche and its relationship with regularity of menses in Iranian high school girls. ESPE 2008
36. Determination of the relationship between final height and BMI and Mid-parental height in high school students, 16-17 yr-old in 2007. ESPE 2008
37. Subclinical vitamin D deficiency in healthy children and adolescents. 47th ESPE, Istanbul, Turkey, 2008
38. Prevalence of impaired fasting glucose among overweight and obese children and adolescents, ESPE, Istanbul, 2008
39. Phenotype and genotype in CAH patients. ESPE, Istanbul, 2008
40. Evaluating the effectiveness of thyroxin alone and with prostaglandin E2 and vitamin D and calcium gluconate on orthodontic tooth movement and root resorption in rat. ESPE, Istanbul, 2008
41. Frequency of nonclassic congenital adrenal Hyperplasia in 100 cases of hirsutism and premature pubarche. ESPE, Istanbul, 2008
42. The correlation between sulcular glucose blood level and capillary glucose blood level. LWPES/ESPE 8th Joint meeting, New York, USA, 2009.
43. Evaluation of periodontal disease in diabetic patients by using CPITN index. LWPES/ESPE 8th Joint meeting, New York, USA, 2009
44. Frequency of different types of pathologic delayed puberty and height alteration after treatment. LWPES/ESPE 8th Joint meeting, New York, USA, 2009
45. Report of 7 patients with lipoid adrenal hyperplasia and their genetic study. LWPES/ESPE 8th Joint meeting, New York, USA, 2009
46. Evaluation of homeostasis model assessment indices in children and adolescents. LWPES/ESPE 8th Joint meeting, New York, USA, 2009
47. Aspects of congenital adrenal hyperplasia 10th Iranian Congress of Biochemistry & 3rd International Congress of Biochemistry and Molecular Biology, 2009 Tehran
48. Malonyl – CoA Decarboxylase deficiency (Malonic Aciduria) and report of a case. The second International Congress on Inborn Metabolic Disorders, 2009

49. Ultrasonographic assessment of uterus and ovaries in premenarcheal healthy girls between 6 and 13 years old: correlation with age and pubertal stages. ESPE, Prague, Czech, 2010
50. An interventional study on HbA1C and serum high-sensitivity CRP after local anti-infectious periodontal treatment in type 2 diabetic patients with periodontal disease. ESPE, Prague, Czech, 2010
51. Determination of the life style in diabetic students in an Iranian population. ESPE, Prague, Czech, 2010.
52. Nourbakhsh M, Razzaghy-Azar M, The effect of insulin analogues on telomerase catalytic subunit expression in breast cancer cells, Barcelona, Spain, 24-27 March, 2010, EJC Supplements, Vol. 8, No. 3 March 2010
53. Prevalence of obesity and overweight in the primary school children and their relationship with some life style factors, Glasgow, UK, 2011
54. Effect of urtica dioica leaves distillate on blood glucose of patients with type 1 diabetes. Glasgow, UK, 2011
55. Review of congenital adrenal hyperplasia, ESPE, Leipzig, Germany, 2012
56. Glibenclamide and Repaglinide Therapy in Two Infants with Diabetic Keto acidosis and Mutation in KCNJ11 Gene. Milan, Italy, 2013
57. Razzaghy Azar M, Nourbakhsh M, Nourbakhsh M. Growth and cyctinosis. Middle _East Metabolic Group (MEMG) meeting, Istanbul, Turkey, 5-7 December, 2013
58. Nourbakhsh M, Malekpour-Dehkordi Z, Chahardoli B, Doustimotlagh AH, Golestani A, Razzaghy-Azar M, Glutathione peroxidase and Selenoprotein P levels in children and adolescents with Hashimoto´s thyroiditis and subclinical hypothyroidism. Milan, Italy, 19-22 September 2013, Horm Res Paediatr 2013;80(suppl 1), page 355
59. Nourbakhsh M, Latifi M, Ilbeygi D, Razzaghy Azar M. Total and acylated ghrelin levels in children and adolescents with growth retardation. 53rd Annual Meeting of the European Society for paediatric Endocrinology (ESPE), Dublin, Ireland, Horm Res Paediatr 2014;82(suppl 1), page 474

60. Visfatin in obese children and adolescents and its association with metabolic syndrome. MEMG 2014
61. Razzaghy-Azara M, Nourbakhsh M, Pourmoteabed A, Nourbakhsha M, Ilbeigi D, Evaluation of Acylated Ghrelin and Obestatin Levels and Ghrelin:Obestatin Ratio in Obesity, 54th ESPE Annual Meeting, Barcelona, Spain, October 2015 *Horm Res Paediatr* 2015;84(suppl 1): 222
62. Citrulinemia type 1 with Barter syndrome. MEMG Muscat, Oman. Oct.29 – Nov.1, 2015.
63. Nourbakhsh M, Arab Z, Razzaghy Azar M. Angiopoietin-like protein 4 (ANGPTL4) is reduced in obese children and adolescents and is correlated with HDL. 12th MEMG Annual Conference, Muscat, Oman, October 2015
64. Nourbakhsh M, Razzaghy-Azar M, Arab Z, Pasalar P, Golestani A, Larijani B, SIRT1 and SIRT2 Gene Expression in Peripheral Blood Mononuclear Cells of Obese Children and Adolescents and their Relationship with Metabolic Parameters and Insulin Resistance. 54th ESPE Annual Meeting, Barcelona, Spain, *Hormone Research in Pediatrics*. Vol. 84, Suppl. 1, 2015, 208
65. Assessment of Sexual Identity in Patients with Congenital Adrenal Hyperplasia, ESPE 2016
66. Novel CYP11A1 mutations in 15 patients (13 families) with variable clinical presentations. ESPE 2016.
67. The association between MIR34A and MIR149 with obesity and insulin resistance. ESPE 2016.
68. Nourbakhsh M, Ahmadpour F, Khaghani Sh, Alipour B, Razzaghy Azar M, Association of miR-34a and mir-149 with Obesity and Insulin Resistance in Obese Children and Adolescents. 55th ESPE Annual Meeting, Paris, France, *Hormone Research in Pediatrics*, Vol. 86, Suppl. 1, 2016
69. Nourbakhsh M, Arab Z, Razzaghy Azar M, PPAR γ gene expression and its association with metabolic parameters in obese children and adolescents. 13th MEMG Conference, Amman, Jordan, October 2016

70. Nourbakhsh M, Hosnieh Farahan A, Yaghmaei F, Moradgholi S, Ahmadpour F, Razzaghy-Azar M. miR-26b is decreased in obesity and is associated with insulin resistance and visfatin levels, 19th European Congress of Endocrinology 2017, Lisbon, Portugal, Endocrine Abstracts (2017) Vol 49
71. The Clinical, Genetic and Structural Basis of Congenital Adrenal Hyperplasia Due to 11 β Hydroxylase Deficiency. In Endo 2017 Orlando Florida.
72. Nourbakhsh M, Arab Sadeghabadi Z, Pasalar P, Golestani A, Razzaghy Azar M. Reduced AMP-activated protein kinase in obese children and adolescents and its association with insulin resistance. 43rd Annual Meeting of the International Society for Pediatric and Adolescent Diabetes (ISPAD), Pediatric Diabetes, Innsbruck, Austria, 2017 (18): Supplement 25.
73. Nourbakhsh M, Arab Sadeghabadi Z, Razzaghy Azar M, Angiotensin-like protein 2 is associated with dyslipidemia and hypertension in children and adolescents, 14th Middle East Metabolic Group Meeting (MEMG), Feb 9-11, Athens, Greece, 2018
74. Maryam Razzaghy-Azar, Abdoreza Pourmotabbed, Ramin Heshmat, Farhang Rezaei. A pilot study for Comparing efficacy and safety of the CinnaTropin® to the reference recombinant human growth hormone in children with isolated growth hormone deficiency and multiple pituitary hormone deficiency. European Society for Pediatric Endocrinology (ESPE) 2018.

President or member of Scientific Committee of the Congresses

1. Secretary general, metabolic disorders congress, Tehran, 2012
2. Secretary general, updates of endocrinology and metabolism congress, 2013
3. Member of scientific committee of Annual meeting of Iranian Society of Pediatrics & Memorial of Prof. Mohammad Gharib since 2000 till now
4. Member of scientific committee of annual meeting of endocrinology and metabolism of Iranian Endocrine Society since 1989 till now.
5. Member of scientific committee of congress of sick child and many other congresses.

Thesis

Supervisor professor in thesis for medical doctorate

1. Diabetes insipidus and review of the cases, 1990
2. Review of the cases with disorder of sex development, 1990

3. Review of the cases with precocious puberty, 1991
4. Hypopituitarism and review of 25 cases, 1992
5. Growth hormone insensitivity syndrome (Laron type dwarfism) and review of the cases, 1992
6. Review of the cases with adrenal insufficiency, 1993
7. Review of the cases of true hermaphroditism, 1991
8. Review of cases with virilizing adrenocortical tumors, 1990
9. Study of hyperthyroxinemia in children, 1992
10. Comparison of clinical manifestations in the patients with Turner syndrome with different karyotypes, 1992
11. Growth disorders due to congenital renal tubular disorders (report of cases), 1993
12. Prevalence of polycystic ovary syndrome in patients with acne, 1993
13. The effect of growth hormone on the height growth of patients with Turner syndrome. 1993
14. The effects of growth hormone on short patients with different syndromes , 1993
15. Uric acid measurement in patients with diabetes referred to Institute of Endocrinology and Metabolism, 1994
16. Study on the children with hyperlipidemia, 1994
17. Review of the cases with apparent mineralocorticoid excess, 1994
18. Lipid profile of patients with diabetes who referred to Institute of Endocrinology and Metabolism, 1994
19. Study of the causes of short stature in 248 children, 1994
20. Determining the prevalence and grade of diabetic retinopathy in patients who referred to Institute of Endocrinology and Metabolism, 1994
21. Evaluation of blood urea nitrogen, serum creatinine and 24 hr albumin in patients with type 1 diabetes who referred to Institute of Endocrinology and Metabolism, 1994
22. Study on therapeutic failure in sulfonylurea treatment in type 2 diabetes in Institute of Endocrinology and Metabolism, 1994
23. Prevalence of ketoacidosis and its characteristics in diabetic patients admitted in H. Aliasghar Hospital, 1997
24. Prevalence of hypoglycemia with different causes in patients who admitted in H. Aliasghar Hospital, 2000
25. Study on laboratory findings in patients with hirsutism, 2001
26. Study of obesity in children, 2001
27. Review of patients with hypo and pseudo hypoparathyroidism in H. Aliasghar Hospital, 2002
28. Survey of height and weight in 7 – 18 yr school girls living in Tehran,2001
29. Determining the relationship between type of growth hormone deficiency and response to treatment, 2004
30. The effect of growth hormone on height increase in 70 patients with Turner syndrome and comparison in different karyotypes, 2006
31. A review of patients with congenital adrenal hyperplasia from 1968 to 2011, 2011
32. Advisor professor in "Comparison of psychology of the parents of patients with type 1 diabetes mellitus and leukemia with healthy control group, 2011
33. Prevalence of thyroid autoimmunity in patients with type 1 diabetes mellitus, 2013

34. A review of patients with resistant rickets. Najmeh Dehparvar, 2012

Supervisor professor for thesis of specialty in Pediatrics

35. Review of patients with glycogen storage disease in some hospitals in Tehran, 1991
36. Study of cases with goiter in children, 1992
37. Systemic lupus erythematosus in children, 1992
38. Comparison of two therapeutic ways of treatment in patients with congenital adrenal hyperplasia, 1992
39. Study on the control of patients with type 1 diabetes, 1993
40. Study of receptor defect on patients with growth hormone insensitivity syndrome, 1993
41. Study of the effect of growth hormone on the patients with bone dysplasia, 1998.
42. Comparing two ways of hydrocortisone administration in patients with congenital adrenal hyperplasia. 1998
43. Study on the effect of GnRH analogue on growth velocity of the girls with central precocious puberty, 1999
44. Study on the effect of GnRH analogue on the height and weight of the girls with precocious puberty, 2001
45. Study on the effect of combined administration of growth hormone and GnRH analogue in cases with idiopathic short stature, 2004
46. Study on the relation of adiponectin and visfatin with obesity and metabolic syndrome in children and adolescents 8-18 years old, 2014
47. Study on the relation of ghrelin and obestatin and gherelin to obestatin ratio with obesity and metabolic syndrome in children and adolescents 8-18 years old, 2014

Advisor professor for thesis of Master of Science

48. Study on quality of diet jams produce from fructose, sorbitol and aspartame and determining their glycemic index in patients with type 1 diabetes, 1995
49. The effect of oxidative stress on red blood cell lipids and activity of glutathione peroxidase, glutathione and total blood antioxidant in patients with type 1 diabetes mellitus, 2003
50. Software production for diagnosis of inborn errors of metabolism, 2014

Advisor professor for thesis in PhD level

51. The effect of Zinc administration and metabolic effect of Vit. A in patients with type 1 diabetes mellitus, 2003 (PhD in nutrition)
52. Genetic study on different types of disorder of sex development (PhD in genetic), 2012

Supervisor Professor in thesis in subspecialty of pediatric endocrinology and metabolism

53. Short stature and study on 200 cases, 2003
54. Prevalence of metabolic syndrome in children and adolescents 4 – 18 years who referred to H. Aliasghar Hospital between, 2004
55. Prevalence of non-classical CAH in girls with premature pubarche or hirsutism, 2007
56. Phenotype and genotype of patients with congenital adrenal hyperplasia, 2007
57. Study on the causes of growth hormone deficiency and relationship of the response to treatment to the type and peak level of provocative test, 2006
58. Study of endocrine disorders in patients with major thalassemia in different ages. 2006
59. Prevalence of Vit. D deficiency in children and adolescents in Tehran, 2007
60. Cut off point of HOMA indices in healthy children and comparing with obese children, 2008
61. Study on sonography of uterus and ovaries in healthy pubertal premenarcheal girls, 2008
62. Study on relation of bone age with chronological age, height age, and stages of puberty in healthy children, 2008
63. Study on the age of puberty in healthy boys between 2 – 16 yr, 2009
64. Study of the effect of *Urtica Dioica* leave distillate on blood sugar of patients with type 1 diabetes mellitus, 2010
65. Study on height, weight and body mass index of children and age of menarche in girls (6-17yr) in Tehran, 2011
66. Prevalence of metabolic syndrome, study on insulin resistance and beta cell function indices in children and adolescents referred to H. Aliasghar Hospital, 2011
67. Effect of letrozol administration on height of children and its complications, 2011
68. The effect of GnRH-analogue therapy on final height and body mass index in patients with central precocious puberty, 2013
69. The relationship of ghrelin with growth indices in children and adolescents 3 – 18 yr, 2013
70. The effects of growth hormone administration on final height of different types of short stature and its complications. 2014
71. The effect of combined administration of growth hormone and GnRH-analogue on growth of adolescents with idiopathic short stature, 2014
72. Study on responsiveness to different doses of Vit. D in patients with different level of its deficiency, 2014
73. Determination of appropriate cut off point of blood spot measurement of TSH and its sensitivity and specificity according to the results of neonatal screening, 2014
74. Sexual identity in patients with congenital adrenal hyperplasia, 2015.
75. Comparison of two methods of glucocorticoid administration in patients with 21 hydroxylase deficiency of congenital adrenal hyperplasia. 2016

PROFESSIONAL MEMBERSHIPS

- Member of European Society for Pediatric Endocrinology (the first member from outside of Europe) since 2003 and taking part in every ESPE meeting since 1991 and presenting a

poster in each meeting since 1994. Chair of Guided Poster Tour Session, 2013 Medical Council of Islamic Republic of Iran

- Iranian Society of Endocrinology
- Iranian Society of Pediatrics
- Iranian Society of Pediatric Endocrinology and Metabolism
- Iranian Society of Neuro-Genetics
- Iranian Nutrition Society
- National Institute for Medical Research Development
-

AWARDS RECEIVED

- Outstanding Pediatrician from Center of Knowledge and Research Progression
- Outstanding Physician from Medical Council of Islamic Republic of Iran
- Outstanding Professor of Iran University of Medical Sciences
- Best researcher in Iran University of Medical Sciences
- Best researcher in Tehran State
- Outstanding clinician by Iran Medical Council 2018

DISCOVERY CONTRIBUTION

- Determination of Glucose Lowering Substance in *Urtica Dioica*
- The first mutation in 11- β HSD gene in the disorder of apparent mineralocorticoid excess
 - In 1994, I diagnosed 3 patients with apparent mineralocorticoid excess in one family in Iran and I treated them with spironolactone. Only seven patients were reported in the world at that time and all of them had been died. The exact mechanism of the disease was not discovered and different mechanisms were explained. The DNA extracts of them were prepared in Pasteur Institute of Tehran and were sent to New York. The first mutation in the gene of 11- β HSD was discovered in New York Hospital Cornell University US, by Prof. New and her colleagues and the pathophysiology of the disease for the first time became clear.

- A novel treatment for height growth in patients with growth hormone insensitivity syndrome by cyproheptadine hydrochloride