

CURRICULUM VITAE

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CERTIFICATES:

- M.B., B.Ch	1986
- M.Sc. (Internal Medicine)	1992
- M.D. (Internal Medicine)	1999

Current Position:

Chief, Nephrology & Transplantation Unit
Vice Director, **Urology & Nephrology Center, Mansoura University, Egypt.**

EXPERIENCE:

1. Rotating internship, **Mansoura University Hospitals** (12 months).
2. Resident in the department of Nephrology, **Mansoura Urology & Nephrology Center** (48 months).
3. Training on the techniques of pancreatic islet cell isolation and transplantation in a conjoint project between the departments of surgery and endocrinology in the **Health Science Center, University of Tennessee, Memphis, Tennessee, U.S.A.**, May-July, 1991.
4. Training on the different techniques of isolation, cryopreservation and transplantation of human pancreatic islets in human islet transplantation laboratory directed by Dr. Carlo Socci, **San Raffaele Scientific Institute, University of Milan, Italy, Sep.-Nov. 1996.**
5. Follow up of kidney / pancreas transplant recipients in the department of Diabetes, Endocrinology and Metabolism, **San Raffaele Scientific Institute, University of Milan, Italy, 1996.**
6. Training on different techniques of peritoneal dialysis, a course organized by **The National Kidney Foundation** under supervision of Prof. Preben Joffe, Chief Physician, Director of Peritoneal Dialysis, **Division of Nephrology, Department of Medicine B5, Holbaek Country Hospital, Denmark.**
7. Follow up of kidney transplant recipients at **Oxford Transplant Center, University of Oxford, UK. August- November, 2001.**
8. Visiting consultant of nephrology in **Al-Thawra Modern General Hospital (TMGH), Sanaa, Yemen**, for 6 months (February-August 2006) for supervision of the kidney transplantation program and the dialysis and general nephrology services.

(I) PUBLICATIONS:

1. Sobh MA, Abd el Hamid IA, Atta MG, **Refaie A F**.
Effect of erythropoietin on sexual potency in chronic haemodialysis patients. A preliminary study.
Scand J Urol Nephrol. 1992; 26(2):181-5.
doi: 10.1080/00365599.1992.11690451.
PMID: 1626208.

2. Sobh MA, el-Tantawy AE, Said E, Atta MG, **Refaie A**, Nagati M, Ghoneim M.
Effect of treatment of anaemia with erythropoietin on neuromuscular function in patients on long term haemodialysis.
Scand J Urol Nephrol. 1992; 26(1):65-9.
doi: 10.3109/00365599209180398.
PMID: 1631509.

3. M. Sobh, H. Abd El-Ghafar, **A. Refaie**, M. Atta and M.A. Ghoneim.
Correction of anemia of end stage renal disease with recombinant human erythropoietin (Epo).
Egypt J Hematol 15(1-2): 157-160, 1992.

4. A. El-Morsi, M. Sobh, F. Radwan, M. Atta, **A. Refaie** and M.A. Ghoneim.
Effect of treatment of anemia in chronic hemodialysis patients by erythropoietin (Epo) on pulmonary functions.
Egypt J Chest Diseases and Tuberculosis.

5. Sobh M, **Refaie A**, Moustafa F, Shokeir A, Hassan N, Sally S, Ghoneim M.
Study of live donor kidney transplantation outcome in recipients with renal amyloidosis.
Nephrol Dial Transplant. 1994; 9(6):704-8.
doi: 10.1093/ndt/9.6.704.
PMID: 7970100.

6. Sobh M, **Refaie A**, El-Tantawy AE, Saad M, Said E, Arif S, El-Sherif A, Ghoneim M.
Study of neuromyopathy in amyloid kidney transplant patients.
Am J Nephrol. 1996; 16(2):114-7.
doi: 10.1159/000168981.
PMID: 8919226.

7. Bakr MA, **Refaie A**, Ihab MH, Gabr M, Farahat S, el Baz M, Ghoneim MA. Experimental islet cell transplantation in rats. Transplant Proc. 1997 Nov; 29(7):2908-11. doi: 10.1016/s0041-1345(97)007252. PMID: 9365610.

8. **A. Refaie**, M.A.Bakr, Mahmoud Gabr, Ihab Mahmoud, M.El-Baz and M.A. Ghoneim. Experimental islet cell transplantation in rats: Optimization of the transplantation site. African J Nephrol 1: 40-43 1997.

9. Bakr MA, **Refaie A**, Mekresh M, Ihab MH, Sobh M, Ghoneim MA. Cyclosporine Neoral in renal transplant recipients: impact on hepatic dysfunction. Transplant Proc. 1997 Nov; 29(7):2939-40. doi: 10.1016/s0041-1345(97)007379. PMID: 9365621.

10. Mahmoud IM, Gabr MM, **Refaie AF**, el-Baz MA, Bakr MA, Ghoneim MA. Purified murine islet allografts: islet engraftment as influenced by implantation site and glucotoxicity. Transplant Proc. 1998 Mar; 30(2):369-72. doi: 10.1016/s0041-1345(97)01313-4. PMID: 9532085.

11. **Refaie A**, Gabr M, Mahmoud I, Bakr MA, el-Baz M, Ghoneim MA. Experimental islet cell transplantation in rats: optimization of the transplantation site. Transplant Proc. 1998 Mar; 30(2):400-3. doi: 10.1016/s0041-1345(97)01328-6. PMID: 9532101.

12. **Refaie A**, Sobh M, Moustafa F, Bakr MA, El-Mekresh M, Farahat S, Ghoneim MA.
Living-related-donor kidney transplantation outcome in recipients with primary focal-segmental glomerulosclerosis.
Am J Nephrol. 1999; 19(1):55-9.
doi: 10.1159/000013426.
PMID: 10085451.

13. **Ayman Refaie**.
Cyclosporine-colchicine interaction in a renal transplant recipient with FMF-induced amyloidosis.
Kidney Forum, 2-3: 11-13, 2000.

14. Hany Abdel-Rahman and **Ayman Refaie**.
Effects of chronic renal failure on corneal endothelium.
Bull Ophthalmol Soc Egypt, 93 (1): 135-141, 2000.

15. Mahmoud M. Gabr, mahmoud A. El-Baz, Ihab M. Mahmoud, Mohamed A. Bakr, **Ayman Refaie**, and Mohamed A. Ghoneim.
Prolonged islet xenograft survival in the intra-abdominal testis and under the kidney capsule.
African J Nephrol 6: 41-46, 2002.

16. El-Agroudy AE, **Refaie AF**, Moussa OM, Ghoneim MA. Tuberculosis in Egyptian kidney transplant recipients: study of clinical course and outcome.
J Nephrol. 2003 May-Jun; 16(3): 404-11.
PMID: 12832742.

17. Sherif AM, **Refaie AF**, Sobh MA, Mohamed NA, Sheashaa HA, Ghoneim MA. Long-term outcome of live donor kidney transplantation for renal amyloidosis.
Am J Kidney Dis. 2003 Aug; 42(2):370-5.
doi: 10.1016/s0272-6386(03)00676-0.
PMID: 12900821.

18. Wadie BS, **Refaie AF**, Ghoneim MA. The use of solid-state polydimethylsiloxane in the management of vesico-ureteric reflux in patients with renal failure prepared for renal transplantation.
BJU Int. 2003 Nov; 92(7):818-20.
doi: 10.1046/j.1464-410x.2003.04461.x.
PMID: 14616473.

19. Akram A. Hammad, Mostafa A. El-Sayed, Yehia E. bassiouni, Roshioni, Roshdy M. El- Sallab and **Ayman F. Refaie**.
Total hiparthropathy after renal transplantation.
Pan Arab J Orth Trauma, 7(1): 41-84, Jan, 2003.
20. El-Diasty TA, Shokeir AA, el-Ghar ME, Gad HM, **Refaie AF**, el-Din AB.
Contrast enhanced spiral computerized tomography in live kidney donors:
a single session for anatomical and functional assessment. J Urol. 2004 Jan;
171 (1):31-4.
doi: 10.1097/01.ju.0000099784.52825.8e.
PMID: 14665837.
21. El-Bahnasawy MS, El-Assmy A, El-Sawy E, Ali-El Dein B, Shehab El-
Dein AB, **Refaie A**, El-Hammady S.
Critical evaluation of the factors influencing erectile function after renal
transplantation.
Int J Impot Res. 2004 Dec; 16(6):521-6.
doi: 10.1038/sj.ijir.3901222.
PMID: 15029223.
22. Sherif AM, **Refaie AF**, Sheashaa HA, El-Tantawy AE, Sobh MA.
Long-term evaluation of neuromyopathy in live donor FMF amyloidotic kidney
transplant recipients.
Am J Nephrol. 2004 Nov-Dec; 24(6):582-6.
doi: 10.1159/000082251. Epub 2004 Nov 19.
PMID: 15557771.
23. Botros BA, Sobh M, Wierzba T, Arthur RR, Mohareb EW, Frenck R, **El
Refaie A**, Mahmoud I, Chapman GD, Graham RR.
Prevalence of Hantavirus antibody in patients with chronic renal disease in Egypt.
Trans R Soc Trop Med Hyg. 2004; 98(6): 331-336.
doi: 10.1016/S0035-9203(03)00063-4
24. Mahmoud M. Gabr and **Ayman F. Refaie**.
The effect of anti-diabetic agents on biochemical changes of diabetic rats.
African J Nephrol, 8: 63-67, Dec. 2004.

25. Abbas TM, Wafa EW, Bakr MA, **Refaie AF**, Sheashaa HA, Elagroudy AE, El-Baz MA, Mohsen TA, Shehab El Dein AB, Sobh MA, Ghoneim MA. Histologic and clinical findings in living donor allografts with long-term stable function. Am J Nephrol. 2006; 26(5):491-6. doi: 10.1159/000096895. Epub 2006 Nov 8. PMID: 17095864.
26. Gheith O, Bakr A, Wafa E, Fouda A, El Agroudy A, **Refaie A**, Donia A, Sabry A, Sobh M, Shokeir A, Ghoneim M. Sirolimus for visceral and cutaneous Kaposi's sarcoma in a renal-transplant recipient. Clin Exp Nephrol. 2007 Sep; 11(3):251-254. doi: 10.1007/s10157-007-0470-y. Epub 2007 Sep 28. PMID: 17891357.
27. Gabr MM, Sobh MM, Zakaria MM, **Refaie AF**, Ghoneim MA. Transplantation of insulin-producing clusters derived from adult bone marrow stem cells to treat diabetes in rats. Exp Clin Transplant. 2008 Sep;6(3):236-43. PMID: 18954303.
28. Ghoneim MA, **Refaie AF**. Is matching for human leukocyte antigen-DR beneficial in pediatric kidney transplantation? Nat Clin Pract Nephrol. 2009 Feb; 5(2):70-1. doi: 10.1038/ncpneph1017. Epub 2008 Dec 9. PMID: 19065130.
29. Gheith OA, Nematalla AH, Bakr MA, **Refaie A**, Shokeir AA, Ghoneim MA. Cost of steroid avoidance in renal transplant patients: a prospective randomized study. Scand J Urol Nephrol. 2010 Apr; 44(3):175-82. doi: 10.3109/00365591003649219. PMID: 20230185.
30. **Ayman Refaie**, Zeyad Abd El-Gawad, Mohamed A. Fouda, Ahmed F. Hamdy, Mohamed A. Bakr Amani mostafa, Mohamed I. Abo El Ghar, Huda F. Refaie, SamehBahgat, El Metwaly El Shahawy, and Mohamed A. Ghoneim. Avascular bone necrosis of the femoral head after renal transplantation: Is it avoidable? Afr J Nephrol. 2010, 14: 35-39, 2010.

31. Osman Y, El-Husseini A, Kamal M, **Refaie A**, Sheashaa H, Sobh M. Does timing of post-renal transplant diuresis affect graft survival in live-donor renal transplants?
BJU Int. 2011 Jan; 107(2):284-7.
doi: 10.1111/j.1464-410X.2010.09464.x.
PMID: 20553258.
32. Fouda MA, Gheith O, **Refaie A**, El-Saeed M, Bakr A, Wafa E, Abdelraheem M, Sobh M. Kimura disease: a case report and review of the literature with a new management protocol.
Int J Nephrol. 2011 Mar 7; 2010:673908.
doi: 10.4061/2010/673908.
PMID: 21423602; PMCID: PMC3056317.
33. Gheith OA, Nematalla AH, Bakr MA, **Refaie A**, Shokeir AA, Ghoneim MA. Steroid avoidance reduce the cost of morbidities after live-donor renal allotransplants: a prospective, randomized, controlled study.
Exp Clin Transplant. 2011 Apr; 9(2):121-7.
PMID: 21453230.
34. Wafa EW, **Refaie AF**, Abbas TM, Fouda MA, Sheashaa HA, Mostafa A, Abo El Ghar MI, Ghoneim MA.
35. End-stage renal disease among living-kidney donors: single-center experience.
Exp Clin Transplant. 2011 Feb;9(1):14-9.
PMID: 21605018.
36. **Refaie AF**, Mahmoud KM, Ismail AM, Sheashaa HA, Kamal AI, Ghoneim MA.
Alemtuzumab preconditioning allows steroid-calcineurin inhibitor-free regimen in live-donor kidney transplant.
Exp Clin Transplant. 2011 Oct; 9(5):295-301.
PMID: 21967254.
37. Mahmoud M. Gabr, Amani M. Ismail, **Ayman F. Refaie**, Mohamed A. Ghoneim.
Differentiation of Rat Bone Marrow-Derived Mesenchymal Stem Cells into Insulin-Producing Cells
Journal of Basic and Applied Scientific Research. 2011; 1(5):398-404

38. Abou-El-Ghar ME, El-Diasty TA, El-Assmy AM, Refaie HF, **Refaie AF**, Ghoneim MA.
Role of diffusion-weighted MRI in diagnosis of acute renal allograft dysfunction: a prospective preliminary study.
Br J Radiol. 2012 Jun; 85(1014):e206-11.
doi: 10.1259/bjr/53260155. Epub 2012 Jan 3. PMID: 22215880; PMCID: PMC3474109.
39. Gabr MM, Zakaria MM, **Refaie AF**, Ismail AM, Abou-El-Mahasen MA, Ashamallah SA, Khater SM, El-Halawani SM, Ibrahim RY, Uin GS, Kloc M, Calne RY, Ghoneim MA.
Insulin-producing cells from adult human bone marrow mesenchymal stem cells control streptozotocin-induced diabetes in nude mice. Cell Transplant. 2013; 22(1):133-45.
doi: 10.3727/096368912X647162. Epub 2012 Jun 15. PMID: 22710060; PMCID: PMC3893040.
40. Ghoneim MA, Bakr MA, **Refaie AF**, Akl AI, Shokeir AA, Shehab El-Dein AB, Ammar HM, Ismail AM, Sheashaa HA, El-Baz MA.
Factors affecting graft survival among patients receiving kidneys from live donors: a single-center experience. Biomed Res Int. 2013; 2013: 912413.
doi: 10.1155/2013/912413. Epub 2013 Jun 26. PMID: 23878820; PMCID: PMC3708392.
41. Gabr MM, Zakaria MM, **Refaie AF**, Khater SM, Ashamallah SA, Ismail AM, El-Badri N, Ghoneim MA.
Generation of insulin-producing cells from human bone marrow-derived mesenchymal stem cells: comparison of three differentiation protocols. Biomed Res Int. 2014; 2014: 832736.
doi: 10.1155/2014/832736. Epub 2014 Apr 10. PMID: 24818157; PMCID: PMC4000976.
42. Nagib AM, **Refaie AF**, Hendy YA, Elfawal MA, Shokeir AA, Bakr MA, Neamattala AH, Hamdy AF, Mahmoud KM, Ismail AM, Ghoneim MA.
Long term prospective assessment of living kidney donors: single center experience. ISRN Nephrol. 2014 Jan 23; 2014: 502414.
doi: 10.1155/2014/502414. PMID: 24967244; PMCID: PMC4045455.

43. Abbas MH, Ismail MI, El Deeb SA, Nagib AM, Hassan NM, **Refaie AF**, El Maghrabi HM, Denewar AA, Bakr MA.
Effect of pretransplant hepatitis C virus on the development of new-onset diabetes mellitus after transplant in Egyptian living-donor renal allotransplant recipients at Mansoura Urology and Nephrology Center.
Exp Clin Transplant. 2015 Feb; 13(1):26-34.
PMID: 25654411.
44. Nagib AM, Abbas MH, Abu-Elmagd MM, Denewar AA, Neamatalla AH, **Refaie AF**, Bakr MA. Long-term study of steroid avoidance in renal transplant patients: a single-center experience.
Transplant Proc. 2015 May; 47(4):1099-104.
doi: 10.1016/j.transproceed.2014.11.063.
PMID: 26036529.
45. Gabr MM, Zakaria MM, **Refaie AF**, Khater SM, Ashamallah SA, Ismail AM, El-Halawani SM, Ghoneim MA.
Differentiation of Human Bone Marrow-Derived Stem Cells into Insulin-Producing Cells: Evidence for Further Maturation in Vivo.
Biomed Res Int. 2015; 2015: 575837.
doi: 10.1155/2015/575837. Epub 2015 May 12.
PMID: 26064925; PMCID: PMC4443784.
46. Nagib AM, El-Diasty A, El Husseny MA, El-Gamal EM, Abbas MH, **Refaie AF**, Fouda MA. Apelin and New-Onset Diabetes after Transplant in Living Kidney Allograft Recipients.
Exp Clin Transplant. 2015 Aug; 13(4):319-23.
PMID: 26295182.
47. Matter YE, Nagib AM, Lotfy OE, Alsayed AM, Donia AF, **Refaie AF**, Akl AI, Abbas MH, Abuelmagd MM, Shaeashaa HA, Shokeir AA.
Impact of Donor Source on the Outcome of Live Donor Kidney Transplantation: A Single Center Experience.
Nephrourol Mon. 2016 Apr 2; 8(3):e34770.
doi: 10.5812/numonthly.34770.
PMID: 27570751; PMCID: PMC4983407.

48. Ahmed Akl, Mohamed Megahed, Muhammed el Hadedy, Ahmed Neamatalla, Ayman nagib, Hussein Sheashaa, ehab wafa, Mohamed Fouda, **Ayman Refaie**, Hosam Gad and Tarek El Diasty.
Improvement of Renovascular Malignant Hypertension after Angioplasty.
Urol Nephrol Open Access J 2016, 3(2): 00069.
49. Mohamed Alsaied, Essam Elsayy, Ahmed Akl, Ahmed Mosaad, Hany Adel, Mohamed Altayyeb, Yasser Farag, Ahmed Donia, Hussein A Sheashaa, Mohamed Adel Bakr and **Ayman Refaie**.
H1N1 Infection among Egyptian Renal Transplant Recipients
Urol Nephrol Open Access J 2016, 3(1): 00065.
50. Bakr MA, Nagib AM, Gheith OA, Hamdy AF, **Refaie AF**, Donia AF, Neamatalla AH, Eldahshan KF, Denewar AA, Abbas MH, Mostafa AI, Ghoneim MA.
Optimizing Immunosuppressive Regimens among Living-Donor Renal Transplant Recipients.
Exp Clin Transplant. 2017 Feb; 15(Suppl 1):16-23.
doi: 10.6002/ect.mesot2016.L46.
PMID: 28260425.
51. Gabr MM, Zakaria MM, **Refaie AF**, Abdel-Rahman EA, Reda AM, Ali SS, Khater SM, Ashamallah SA, Ismail AM, Ismail HEA, El-Badri N, Ghoneim MA.
From Human Mesenchymal Stem Cells to Insulin-Producing Cells: Comparison between Bone Marrow- and Adipose Tissue-Derived Cells.
Biomed Res Int. 2017; 2017: 3854232.
doi: 10.1155/2017/3854232. Epub 2017 May 11.
PMID: 28584815; PMCID: PMC5444016.
52. Matter YE, Elhadedy MA, Abbas TM, Zahab MA, Fouda MA, **Refaie AF**, Sheashaa HA, Abbas MH, Denewar AA, Nagib AM.
Impact of Sex Disparities on Outcomes of Living-Donor Kidney Transplant in Egypt: Data of 979 Patients.
Exp Clin Transplant. 2018 Apr; 16(2):133-137.
doi: 10.6002/ect.2016.0253. Epub 2017 Jun 5.
PMID: 28760116.

53. Ahmed Farouk Donia, Nourelsabah Mohamed Elbially , Nada Abdelhameed Elsaid , **Ayman Fathi Refaie**.
The first reported case of acute ischemic stroke treated with tissue plasminogen activator at Mansoura University,
Egypt. The Egyptian Journal of Critical Care Medicine xxx (2017).
54. Akl AI, Sheashaa HA, Rahim MA, El Hadedy MA, **Refaie AF**.
Refractory CD20 Positive Cellular Rejection in Living Kidney Transplant: A Case Report and Review of Literature.
Exp Clin Transplant. 2019 Dec; 17(6):823-827.
doi: 10.6002/ect.2017.0150. Epub 2018 Mar 9. PMID: 29534659.
55. Gabr MM, Zakaria MM, **Refaie AF**, Ismail AM, Khater SM, Ashamallah SA, Azzam MM, Ghoneim MA.
Insulin-producing Cells from Adult Human Bone Marrow Mesenchymal Stromal Cells Could Control Chemically Induced Diabetes in Dogs: A Preliminary Study.
Cell Transplant. 2018 Jun; 27(6):937-947.
doi: 10.1177/0963689718759913. Epub 2018 Jun 4.
PMID: 29860900; PMCID: PMC6050912.
56. Denewar AA, Abbas MH, Sheashaa HA, Abdelaal I, El-Dahshan K, Matter YE,
Refaie AF.
Detection of Hepatitis C Virus-Related Immunologic Markers and Their Impact on Outcomes of Living-Donor Kidney Transplant Recipients.
Exp Clin Transplant. 2019 Feb; 17(1):79-83.
doi: 10.6002/ect.2017.0161. Epub 2018 Jun 28.
PMID: 29957163.
57. Abouelenein RK, **Refaie AF**, Alhendy YA, Al Okily AM, Elserwy NA, Mashaly ME, Abbas MH, Bakr MA.
Posttransplant Erythrocytosis among Egyptian Living-Donor Kidney Transplant Recipients.
Exp Clin Transplant. 2018 Nov 28.
doi: 10.6002/ect.2017.0301. Epub ahead of print.
PMID: 30501588.

58. Rashed S, Gabr M, Abdel-Aziz AA, Zakaria M, Khater S, Ismail A, Fouad A, **Refaie A**.
Differentiation Potential of Nestin (+) and Nestin (-) Cells Derived from Human Bone Marrow Mesenchymal Stem Cells into Functional Insulin Producing Cells.
Int J Mol Cell Med. 2019 winter; 8(1):1-13.
doi: 10.22088/IJMCM.BUMS.8.1.1. Epub 2019 Jul 17.
PMID: 32195201; PMCID: PMC7073261.
59. Fouad AM, Gabr MM, Abdelhady EK, Zakaria MM, Khater SM, Ismail AM, **Refaie AF**. In vitro differentiation of human multilineage differentiating stress-enduring (Muse) cells into insulin producing cells.
J Genet Eng Biotechnol. 2018 Dec; 16(2):433-440.
doi: 10.1016/j.jgeb.2018.09.003. Epub 2018 Dec 5.
PMID: 30733757; PMCID: PMC6354004.
60. Nagib AM, Elsayed Matter Y, Gheith OA, **Refaie AF**, Othman NF, Al-Otaibi T.
Diabetic Nephropathy Following Posttransplant Diabetes Mellitus.
Exp Clin Transplant. 2019 Apr; 17(2):138-146.
doi: 10.6002/ect.2018.0157.
PMID: 30945628.
61. Elmowafy AY, El Maghrabi HM, Eldahshan KF, **Refaie AF**, Elbasiony MA, Matter YE, Saleh HH, Shiha GE, Rostaing L, Bakr MA.
Treatment of hepatitis C infection among Egyptian hemodialysis patients: the dream becomes a reality.
Int Urol Nephrol. 2019 Sep; 51(9):1639-1647.
doi: 10.1007/s11255-019-02246-7. Epub 2019 30.
PMID: 31363959.
62. Maghrabi HME, Elmowafy AY, **Refaie AF**, Elbasiony MA, Shiha GE, Rostaing L, Bakr MA.
Efficacy and safety of the new antiviral agents for the treatment of hepatitis C virus infection in Egyptian renal transplant recipients.
Int Urol Nephrol. 2019 Dec; 51(12):2295-2304.
doi: 10.1007/s11255-019-02272-5. Epub 2019 Sep 17.
PMID: 31531807.

63. Gabr MM, Zakaria MM, **Refaie AF**, Khater SM, Ashamallah SA, Rashed SA, Fouad AM, Ismail AM, Ghoneim MA.
PRDX6 Promotes the Differentiation of Human Mesenchymal Stem (Stromal) Cells to Insulin-Producing Cells.
Biomed Res Int. 2020 Jan 21; 2020: 7103053.
doi: 10.1155/2020/7103053.
PMID: 32051828; PMCID: PMC6995490.
64. **Ayman F Refaie**, Mahmoud M Gabr, Sawsan M El-Halawani, Sherry M Khater, Sylvia Ashamallah and Mohamed A Ghoneim.
From Mesenchymal Stromal Stem Cells to Insulin-Producing Cells: Challenges in Translation for a Clinical Application
Cell Res Dev 2020, 6: 027
65. El-Halawani SM, Gabr MM, El-Far M, Zakaria MM, Khater SM, **Refaie AF**, Ghoneim MA.
Subcutaneous transplantation of bone marrow derived stem cells in macroencapsulation device for treating diabetic rats; clinically transplantable site.
Heliyon. 2020 May 5; 6(5):e03914.
doi: 10.1016/j.heliyon.2020.e03914.
PMID: 32395661; PMCID: PMC7210428.
66. Bakr MA, Shehab El-Dein AB, **Refaie AF**, Shokeir AA, Sheashaa HA, Ali-El-Dein B, El-Diasty T, Ismail AM, Ghoneim MA.
Renal Transplantation in Mansoura, Egypt.
Transplantation. 2020 Aug; 104(8):1519-1521.
doi: 10.1097/TP.0000000000003268.
PMID: 32732819.
67. Mendrinou E, Mashaly ME, Al Okily AM, Mohamed ME, **Refaie AF**, Elsayy EM, Saleh HH, Sheashaa H, Patrinos GP.
CYP3A5 Gene-Guided Tacrolimus of Living-Donor Egyptian Kidney Transplanted Patients.
Front Pharmacol. 2020 Aug 11; 11: 1218.
doi: 10.3389/fphar.2020.01218.
PMID: 32848803; PMCID: PMC7431691.

68. Ghoneim MA, **Refaie AF**, Elbassiouny BL, Gabr MM, Zakaria MM. From Mesenchymal Stromal/Stem Cells to Insulin-Producing Cells: Progress and Challenges. Stem Cell Rev and Rep (2020). doi.org/10.1007/s12015-020-10036-3

(II) PRESENTATIONS:

(1) The 9th Annual Congress of the Egyptian Society of Nephrology, Mansoura, Egypt, 1989.

- * Sexual potency in uremic patients before and after correction of anemia with erythropoietin.
- * Effect of correction of anemia by erythropoietin (Epo) in chronic hemodialysis patients on neuromuscular functions.
- * Effect of treatment of anemia in chronic hemodialysis patients by erythropoietin (Epo) on pulmonary functions.

(2) The International Symposium on Erythropoietin, Biology, Clinical Use and Impact of Patients. Nashville, Tennessee, USA, 1991.

- * Effect of erythropoietin on sexual potency in chronic hemodialysis patients, a preliminary study.
- * Effect of treatment of anemia with erythropoietin on neuromuscular function in patients on long term hemodialysis.

(3) The 12th Annual Congress of the Egyptian Society of Nephrology, Cairo, Egypt, 1992.

- * Impact of amyloidosis on kidney transplantation.
- * Study of neuromyopathy in amyloid kidney transplant patients.

(4) The Second Meeting of the Pan African Urological Surgeons' Association and the Annual Meeting of Egyptian Urological Association, Cairo, Egypt, 1993.

- * Islet cell transplantation in rats: Optimization of the transplantation site.

(5) The second International Congress of Geographic Nephrology, The Third Congress of the African Association and The Thirteenth Congress of The Egyptian Society of Nephrology, Hurghada, Egypt, 1993.

- * Islet cell transplantation in rats: Optimization of the transplantation site.

(6) The 14th Annual Congress of the Egyptian Society of Nephrology, Alexandria, Egypt, 1994.

* Experimental islet cell transplantation in rats: Prospective randomized trials for transplantation sites optimization.

(7) The 32nd Congress of the European Renal Association, European Dialysis and Transplant Association (EDTA), Athens, Greece, 1995.

* Clinicopathologic evaluation of 1000 kidney biopsies from Egyptian patients with glomerulonephritis.

(8) The 15th Annual Congress of the Egyptian Society of Nephrology, Dahab, Egypt, 1995.

* Impact of primary focal segmental glomerulosclerosis (FSGS) on kidney transplantation outcome.

* Extended survival of murine islet allografts without immunosuppression.

* Hyperchogenic renal parenchyma in potential live related kidney donor: Does it justify exclusion?

* Effect of prior bilateral nephrectomy on blood pressure after kidney transplantation.

* Clinicopathologic evaluation of 1000 kidney biopsies from Egyptian patients with glomerulonephritis.

* Impact of native kidney disease on graft outcome after living renal transplantation.

(9) The 31st Annual Meeting of the Egyptian Urological Association, Cairo, Egypt, 1996.

* Experimental islet cell transplantation in rats.

(10) The 5th International Congress of the Middle East Association of Organ Transplantation, Cyprus, 1996.

- * CiclosporinNeoral in renal transplant recipients: Impact of hepatic dysfunction.
- * Hyperechogenic renal parenchyma in potential kidney donor: Does it justify exclusion?
- * Experimental islet cell transplantation in rats.

(11) The 6th International Congress of Pancreas and Islet transplantation, Milan, Italy, 1997.

- *Experimental islet cell transplantation in rats: Optimization of the transplantation site.
- *Purified murine islets allografts: Islet engraftment as influenced by implantation site and glucotoxicity.

(12) The 17th Annual Meeting of the Egyptian Society of Nephrology; Luxor, Egypt, 1998.

- * Post renal transplant proteinuria: Evaluation and impact on graft outcome.
- * Renal transplantation in primary hyperoxaluria: Outcome and risk factors.
- * Clinicopathological study of primary glomerular diseases among pediatric Egyptian patients with glomerulopathies.

(13) The 4th International Conference on New Trends in Clinical and Experimental Immunosuppression: Geneva, Switzerland, 2000.

- * MycophenolateMofetil (MMF) rescue therapy for resistant rejection after live-donor renal transplantation.
- * Tacrolimus (FK 506) therapy for refractory rejection in live-donor renal allotransplantation.

(14) The 9th Annual Conference of the Egyptian Association of Immunologists in Collaboration with The Clinical Pathology Department

Ismailia, Egypt, 2004.

- * Post-transplant Diabetes Mellitus (PTDM).
- * Tuberculosis in Kidney Transplant Recipients.

(15) The 9th International Congress of the Middle East Association of Organ Transplantation (MESOT) Turkey, 2004.

-Post transplant diabetes mellitus among live-donor renal allograft recipients: study of risk factors and impact on outcome.

- Chronic hepatitis B among Egyptian Live-donor renal allotransplant recipients: Successful management with Lamivudine therapy.
- Cardiovascular Calcification Among Hemodialysis Patients: assessment With Multislice Computed Tomography and Impact of Successful Kidney Transplantation, a Preliminary Report.
- Avascular bone necrosis of femoral head among live-donor renal allograft recipients: successful surgical management.
- Spousal Kidney Donor Transplantation: A Single Center Experience.
- Does tuberculosis after kidney transplantation follow the trend of tuberculosis in general population?

-

(16) The 24th Annual Congress of The Egyptian Society of Nephrology In Collaboration with The International Society of Nephrology (Nephro Alex, 2005).

- * Successful of management of chronic hepatitis B among live donor renal allotransplant recipients with Lamivudine therapy.
- * Long term Protocol Biopsy in Live Donor Renal Allograft Recipients. A Single Centre Experience.

(17) The 10th International Congress of the Middle East Association of Organ Transplantation (MESOT) Kuwait, 2006.

* Histologic and Clinical Findings in Living Donor Allografts with Long- Term Stable Function.

(18) The 26th Annual Congress of the Egyptian Society of Nephrology, Luxor, 2007.

*Induction therapy in renal transplantation.

(19) The 27th Annual Congress of the Egyptian Society of Nephrology, Cairo, 2008.

*Post-transplant Kaposi sarcoma.

(20) The 4th Annual Meeting of the Hypertension Group, June 2008.

*NFkB: The chief criminal in hypertensive vasculopathy.

(21) The 2nd International Congress on Stem Cells and Tissue Formation Dresden, 2008

* Transplantation of Insulin-Producing Clusters Derived From Adult Bone Marrow Stem Cells for the Treatment of Diabetes in Rats.

(22) The 7th congress of International Society of Stem Cell Research (ISCCR), Barcelona, Spain, 2009.

* Differentiation of Adult Human Bone Marrow-Derived Mesenchymal Stem Cells Into Insulin Producing Cells.

(23) The 11th Congress of the Asian Society of Transplantation (CAST), Beirut, Lebanon, 2009.

* A prospective trial of alemtuzumab preconditioning in live-donor renal transplantation.

* Study of Risk Factors and Long Term Prognosis of Post Kidney Transplant Diabetes Mellitus (PTDM): A Single Center Experience.

(24) The 29th Annual Congress of the Egyptian Society of Nephrology, Cairo, 2010.

* Alemtuzumab (Campath 1-H) in kidney transplantation.

* Outcome of pregnancy in live donor allograft recipients: A single center experience.

* Study of prospective assessment of living kidney donors: pre and post donation.

(25) The First Egyptian Organ transplant Congress, Cairo, 2010.

* A prospective trial of alemtuzumab preconditioning in live-donor renal transplantation: single center experience.

(26) The 3rd International Congress on Stem Cells and Tissue Formation Dresden, 2010.

* Insulin-Producing Islet-Like Clusters Derived From Adult Human Bone Marrow Mesenchyme Stem Cells cure chemically-induced Diabetes in nude mice.

(27) The 15th Congress of the European Society for Organ Transplantation (ESOT), Glasgow, UK, 2011.

* O-229 Insulin-Producing Cells Derived From Adult Human Bone Marrowmesenchymal Stem Cells Control Streptozotocin-Induced Diabetes In Nude Mice.

* MO-013 Long Term Prospective Assessment Of Living Kidney Donors: Single Center Experience.

(28) The 20th Anniversary Meeting of the International Society for Cell Therapy (ISCT), Paris, France, April, 2014.

Generation of insulin producing cells from human bone marrow-derived mesenchymal stem cells: further in vivo maturation.

(28) Changing the face of modern medicine: Stem Cells & Gene Therapy, October 18-21, 2016, Florence, Italy.

From human mesenchymal stem cells to insulin-producing.

(29) The 16th Congress of the Middle East Society for Organ Transplantation, Ankara, Turkey, 5-7 September 2018.

Successful Treatment of Chemically-Induced Diabetes in Dogs by Insulin-producing cells derived from adult human bone marrow mesenchymal stem cells.

(30) The 10th Annual Dialysis Conference Metabolic Disorders& CKD, Cairo, Egypt, 11-13 October, 2018.

Standard Versus new biomarkers in early diabetic kidney disease.

(31) The 14th Congress of The Arab Society of Nephrology and Renal Transplantation

The Annual International Congress of Jordan Society of Nephrology and Renal Transplantation 2nd IPNA Teaching Course" Great Care for Little kidneys", Amman, Jordan, April 24-27, 2019.

Evolution of immunosuppressive regimens in live-donor kidney transplantation over 4 decades: Mansoura Experience.

(32) The 19th Congress of the European Society for organ transplantation, Copenhagen, Denmark, September 15 -18, 2019.

PRDX6 promotes the differentiation of human mesenchymal stem (stromal) cells to insulin-producing cells.

(III) CONGRESS ATTENDANCE:

1. The 9th Congress of the Egyptian Society of Nephrology, **Mansoura, Egypt, 1989.**
2. The 12th Congress of the Egyptian Society of Nephrology, **Cairo, Egypt, 1992.**
3. The 4th International Congress of Pancreas and Islet Transplantation. **Amsterdam, Holland, 1993.**
4. The Second Meeting of The Pan African Urological Surgeons' Association in conjunction with The Annual Meeting of The Egyptian Urological Association, **Cairo, Egypt, 1993.**
5. The 14th Annual Congress of the Egyptian Society of Nephrology, **Alexandria, Egypt, 1994.**
6. The 7th Congress of the European Society for Organ Transplantation (ESOT), **Vienna, Austria, 1995.**
7. The 15th Annual Congress of the Egyptian Society of Nephrology, **Dahab, Egypt, 1995.**
8. The 13th Annual Meeting of Egyptian Urological Association, **Cairo, Egypt, 1996.**
9. The 16th Annual Congress of the Egyptian Society of Nephrology, **Cairo, Egypt, 1997.**
10. The Diamond Anniversary of Alexandria Medical Association and the 21st Annual Congress on Kidney Disorders, **Alexandria, Egypt, 1997.**
11. The First Annual Workshop on Clinical Nephrology and Progression of Renal Disease, faculty of medicine. Suez Canal University (EGYPT) in collaboration with the Sheffield kidney Institute (UK), **Ismailia, Egypt, 1997.**
12. The 6th International Congress of Pancreas and Islet Transplantation. **Milan, ITALY, 1997.**
13. The 17th Annual Congress of the Egyptian Society of Nephrology, **Luxor, Egypt, 1998.**
14. The Second Annual Workshop on Clinical Nephrology and Progression of Renal Disease, faculty of medicine. Suez Canal University (EGYPT) in collaboration with the Sheffield kidney Institute (UK), **Ismailia, Egypt, 1998.**
15. The Third Annual Workshop on Clinical Nephrology and Progression of Renal Disease, faculty of medicine. Suez Canal University (EGYPT) in collaboration with the Sheffield kidney Institute (UK), **Ismailia, Egypt, 1999.**
16. The 19th Annual congress of the Egyptian Society of Nephrology, **El-Gouna, Hurghada, 2000.**

17. The 4th International Conference on New Trends in Clinical and Experimental Immunosuppression, **Geneva, Switzerland, 2000.**
18. The Fourth Annual Workshop on Clinical Nephrology and Progression of Renal Disease, faculty of medicine. Suez Canal University (EGYPT) in collaboration with the Sheffield kidney Institute (UK), **Ismailia, Egypt, 2000.**
19. The 20th Annual Congress of the Egyptian Society of Nephrology, Cairo, 2001.
20. The Renal Association Autumn Meeting at the Royal College of Physicians, London, UK September 20-21, 2001.
21. The 21st Annual Congress of the Egyptian Society of Nephrology in Conjunction with the 7th African Congress of Nephrology, Cairo, 2002.
22. The First Annual Intensive Course of Nephropathology, Mansoura, 2002.
23. The Fifth Annual Workshop on Clinical Nephrology and Progression of Renal Disease, faculty of medicine. Suez Canal University (EGYPT) in collaboration with the Sheffield kidney Institute (UK), **Ismailia, Egypt, 2002.**
24. The World Congress of Nephrology. **Berlin, Germany, 8-12 June, 2003.**
25. The XX International Congress of the Transplantation Society **Vienna- Austria 5-10 September 2004.**
26. The World Congress of Nephrology - **Singapore 26-30 June 2005.**
27. The 10th International Congress of the Middle East Association of Organ Transplantation (**MESOT**) **Kuwait, 2006.**
28. The 26th Annual Congress of the Egyptian Society of Nephrology, **Luxor, 2007**
29. The 27th Annual Congress of the Egyptian Society of Nephrology, **Cairo, 2008.**
30. The 45th ERA- EDTA, **Stockholm, Sweden, 2008.**
31. The 7th congress of International Society of Stem Cell Research (ISCCR), **Barcelona, Spain, 2009.**
32. The 11th Congress Of The Asian Society Of Transplantation (CAST), **Beirut, Lebanon, 2009.**
33. The 29th Annual Congress of the Egyptian Society of Nephrology, **Cairo, 2010.**
34. The First Egyptian Organ transplant Congress, **Cairo, 2010.**
35. The 47th ERA- EDTA, **Munich, Germany, 2010.**
36. The 3rd International Congress on Stem Cells and Tissue Formation **Dresden, Germany, 2010.**
37. The 15th Congress of the European Society for Organ Transplantation (ESOT), **Glasgow, UK, 2011.**

38. The 50th ERA- EDTA, **Istanbul, Turkey, 2013**
39. The 20th Anniversary Meeting of the International Society for Cell Therapy (ISCT), **Paris, France, April, 2014.**
40. The 51th ERA- EDTA, **Amsterdam, Netherland, 2014.**
41. The American Transplant Congress (ATC), **Philadelphia, Pennsylvania, May 2-6, 2015.**
42. **International society for stem cell research, Florence, Italy, October 18-21, 2016.**
43. 18th Congress of the European Society for Organ transplantation **Barcelona, Spain, September, 24-27,2017.**
44. 27th International congress of the Transplantation Society, **Madrid, Spain, June30 – July5, 2018.**
45. 16th congress of the Middle EAST society for organ transplantation, **Ankara, Turkey, September 5-7, 2018.**
46. The 10th Annual Dialysis conference metabolic disorders & CKD, **Cairo, Egypt, October 11-13, 2018.**
47. The 14th Congress of The Arab Society of Nephrology and Renal Transplantation
The Annual International Congress of Jordan Society of Nephrology and Renal Transplantation 2nd IPNA Teaching Course" Great Care for Little kidneys",
Amman, Jordan, April 24-27, 2019.
48. The 19th Congress of the European Society for organ transplantation,
Copenhagen, Denmark, September 15 -18, 2019.

(IV) Thesis Supervision:

(A) MASTER DEGREE:

1- Impact of Amyloidosis on kidney transplantation: Along term study.

Thesis in General Medicine

Mansoura Faculty of Medicine.

By: Ali Mohamed Sherif Ali (2000).

2- Study of posttransplant diabetes mellitus in live donor kidney transplant recipients.

Thesis in General Medicine

Banha Faculty of Medicine.

By: Ayman Maher Nageeb (2004)

3- Effect of some antidiabetic agents on vascular dysfunction in experimentally induced diabetics.

Thesis in clinical pharmacology.

Mansoura Faculty of Pharmacy.

By: Mohamed Saleh (2004)

4- Leptin in diabetic and non-diabetic rats.

Thesis in biochemistry.

Mansoura Faculty of Veterinary.

By: Mohamed Fouda (2005)

5- Interaction of pioglitazone with currently used drugs in diabetes: An experimental study.

Thesis in clinical pharmacology.

Mansoura Faculty of Pharmacy.

By: Asmaa El-Sayed El-Kenawy(2005).

6- Impact of renal transplant on female fertility.

Thesis in General Medicine

Banha Faculty of Medicine.

By. Salwa El Waseef (2007).

7- *Post transplant erythrocytosis among live donor renal transplant recipients .*

Thesis in General Medicine

Zagazeg Faculty of Medicine.

By. Rasha Kamal (2015).

8- *Outcome of preemptive versus non preemptive kidney transplantation.*

Thesis in General Medicine

Zagazeg Faculty of Medicine.

By. Mohamed El Hadidi (2015).

9- *Recurrence of Focal segmental glomerulosclerosis after live donor kidney transplantation: Risk factors and impact on transplant outcome.*

Thesis in General Medicine

Zagazeg Faculty of Medicine.

By. Ahmed Yehia

10- *Death with functioning graft among Egyptian kidney transplant recipients : a single center experience.*

Thesis in General Medicine

Zagazeg Faculty of Medicine.

By. Mostafa Gamal (In progress)

B) MD DEGREE:

1) *Laboratory evaluation of post transplant kidney function using recent markers.*

Thesis in Clinical Pathology.

Mansoura Faculty of Medicine.

By: Ehsan Mohamed Abdel Aty (2006).

2) *Study of prospective assessment of living kidney donors:Pre&postdonation*

Thesis in General Medicine

Zagazeg Faculty of Medicine.

By. Ayman Maher Nageeb (2008).

3) *The long impact of therapeutic dose monitoring of mycophenolic acid of outcome of live donor kidney transplant recipient aprostactive study.*

Thesis in General Medicine

Zagazeg Faculty of Medicine.

By. Ahmed Abdelfatah Denawer (2012).

4) *Impact of Parathyroidectomy on Renal Transplant Outcome and Evolution of CKD-MBD*

Thesis in MD Nephrology

Mansoura Faculty of Medicine.

By. muhammed hadedy (In progress)

(V) MEMBERSHIPS, PRIZES AND HONORS:

Memberships:

- International Society of Nephrology (*ISN*).
- African Society of Nephrology (**AFRN**).
- Arab Society of Nephrology & Renal Transplantation (**ASNRT**)
- Board member, Egyptian Society of Nephrology and transplantation (**ESNT**).
- International Pancreas and Islet Transplantation Association (**IPITA**)
- International Society of Stem Cell Research (**ISCCR**).
- International Society for Cellular Therapy (**ISCT**).

Honors:

- **The Secretary General** of the Egyptian Society of Nephrology and Transplantation (ESNT).
- **President of the transplantation chapter**, of the Egyptian Society of Nephrology and Transplantation (ESNT).
- **Editor-in-Chief, Egyptian Journal of the Egyptian Society of Nephrology & Transplantation (JESNT)**.
- **Journal reviewing:** reviewer in American journal of medicine, stem cell, International journal of nephrology and renovascular hypertension.
- **Editorial board:** American Journal of Internal Medicine.

Prizes:

- Winner of *Dr. Mohamed Fakhry prize* for the most distinguished research in internal medicine, awarded by the Egyptian Academy of Research and Technology, **1992**.
- **The best poster presentation:** Islet cell transplantation in rats: Optimization of the transplantation site.
- The Second International Congress of Geographic Nephrology, The third congress of the African of Nephrology and The thirteenth Congress of Egyptian Society of Nephrology. **Hurghada, Egypt, Nov. 19-24, 1993.**

- Winner of the *Annual Prize* for the most distinguished research in the field of *kidney Transplantation* awarded by *The Egyptian Society of Nephrology, 1997*.
- Winner of the *Annual Prize* for the most distinguished research in the field of *kidney Transplantation* awarded by *The Egyptian Society of Nephrology, 2000*.
- Winner of *Mansoura Medical prize* for the most distinguished research in Nephrology and urology, awarded by the Egyptian Academy of Research and Technology, *2009*.

(VI) REFREES:

A) FROM EGYPT:

- 1. MOHAMED A. GHONEIM:** Professor Urology in the Urology and Nephrology Center, **Mansoura University, Mansoura.**
- 2. MOHAMED A. SOBH :** Professor of Nephrology, Chief of Nephrology department, Urology & Nephrology Center, **Mansoura University, Mansoura.**
- 3. AHMED B. SHEHAB-EL-DEIN:** Professor of Urology, director, Urology and Nephrology Center, **Mansoura University, Mansoura.**

B) FROM U.S.A.:

- 1. A. OSAMA GABER:** Professor of Surgery, Chief of Transplantation Division, **the Health Science Center, Memphis, University of Tennessee.**
- 2. HELENA SELAWRY:** Professor of Endocrinology, **the Health Science Center, Memphis, University of Tennessee.**

C) FROM UK:

- 1. PETER J. FRIEND:** Professor and Chief of Transplantation, Oxford Transplant Center, **Nuffield Department of Surgery, University of Oxford.**
- 2. DEREK GRAY:** Professor of Transplantation, Oxford Transplant Center, **Nuffield Department of Surgery, University of Oxford.**
- 3. ASHOK HANDA:** Clinical Tutor in Surgery and Consultant Surgeon, Nuffield Department of Surgery, **John Radcliffe Hospital, University of Oxford.**
- 4. DAVID DEARDEN:** Consultant of Transplantation, **Oxford Transplant Center, University of Oxford.**

5. Ahmed Halawa: Associate Professor

MSc MD PGCE MEd (Higher Education) FRCS FRCS (Gen)

Consultant Transplant Surgeon

Sheffield Teaching Hospital

Associate Professor (Hon)

University of Liverpool

Programme Director of MSc/Diploma in Renal Transplantation -

University of Liverpool

United Kingdom

D) FROM ITALY:

- 1. ANTONIO SECCHI:** Professor of Emergency Medicine and Responsible for organ Transplant Program, **San Raffaele Scientific Institute, University of Milan.**
- 2. CARLO SOCCI:** Head of Transplantation Unit. **San Raffaele Scientific Institute, University of Milan.**