

Academic Qualifications:

- **Bachelor of Medicine and Surgery**, University of Alexandria (November 1982). with the grade "very good with honour".
- **Master of Clinical Physiology**, Medical Research Institute, University of Alexandria, April 1988.
- **Doctor of Clinical Physiology (Ph.D)**, Medical Research Institute, University of Alexandria, July 1992.

Job Escalation:

- **House officer**, University of Alexandria and Ministry of health hospitals (1983-1984).
- **General Practitioner**, Alexandria health affairs province (1984-1985).
- **Resident**, Clinical Physiology Department, Medical Research Institute, University of Alexandria, Egypt (1985-1988).
- **Assistant Lecturer**, Clinical Physiology Department, Medical Research Institute. University of Alexandria, Egypt. (1989-1992).
- **Lecturer**, Clinical Physiology Department, Medical Research Institute. University of Alexandria, Egypt (1992-1997).
- **Assistant professor**, Clinical Physiology Department, Medical Research Institute, University of Alexandria, Egypt (1997-2002)
- **Professor**, Clinical Physiology Department, Medical Research Institute, University of Alexandria, Egypt (2002 up till now).
- **Head of Physiology Department**, Medical Research Institute, University of Alexandria, Egypt (2005-2008)
- **Head of Committee of assessment of protocols** of thesis submitted to Medical Research Institute, for partial fulfillment of the requirements of Masters & Doctors degree (2005 - 2012)
- **Member of the Physiology Scientific Committee, Supreme Council of Universities**, for the assessment of researches submitted for fulfillment of the requirements of the degree of Assistant professors & Professors (2009 up till now).
- **Vice Dean of the Medical Research Institute for Postgraduate studies & Research** (2010): Head of Postgraduate studies & Research committee, Head of scientific equipments affairs committee, Head of cultural relationship affairs committee, Head of libraries affairs committee (2010-2011).
- **Educational Program Coordinator**: Health Governance Unit: Italian Egyptian debt for development swap program (2011 – up till now)
- **Vice – president** of the Egyptian Association of Advancement of Medical Basic Sciences (2011 – up till now)
- **Health Governance Diploma program coordinator**: Health Governance Unit, 2017 up till now

RESEARCH INTERESTS

- Bronchial asthma: incidence, relation to socio-economic state, pathophysiology, mechanisms & prevention of exercise induced asthma.
- Exercise Physiology in health & disease.
- Effects of environmental pollution on respiratory system.
- Pulmonary functions in health & disease.
- Health Governance research studies.

Societies Memberships:

1. Founder and Board member of The Egyptian Association of Advancement of Medical Basic Sciences
2. Medical Society - Alexandria.
3. Friends of Environment Society - Alexandria.
4. Scientific Committee of the Medical Research Institute.
5. Research ethics committee.
6. Scientific committee for assessment of protocols submitted to the Medical Research Institute in partial fulfillment of the requirements of the degree of Master of science & Ph.D
7. Physiology Scientific Committee, Supreme Council of Universities, for the evaluation of researches submitted for fulfillment of the requirements of the degree of Assistant professors & Professors.
8. Quality Assurance Unit & Internal Auditing Team.
9. External auditor, physiology course, Medical Science Faculty, Pharos University, 2012
10. Innerwheel Capital (IWC) of Alexandria Capital. 2023

Scientific Meeting for Presenting Papers:

1. The 5th congress of Allergy and Clinical Immunity. In Alexandria, Egypt 1987.
2. The 5th Annual Meeting of the Egyptian Foundation for the development of Medical and Clinical Sciences (EFDMIS): "Medicine 2002", Alexandria, 2002.
3. Scientific Meeting included in the program of the project #327 of the Egyptian American University Linkage Projects, Alexandria, 2002.
4. The 12th conference of Medical Research Institute 22 – 24 November 2006 Advances in medical research.
5. First scientific meeting of the Medical Research Institute: Pitfalls in the diagnosis and management of anemia 2006.
6. First scientific meeting of the Medical Research Institute: Gastro esophageal reflux disease 2007
7. The 15th conference of Medical Research Institute (3rd international) 20-23 October, 2009 Advances in medical research :From molecular medicine to clinical applications: Stem cell basics
8. The 16th conference of Medical Research Institute (4rd international) 19-22 October, 2010 Advances in medical research :Quality in medical education & practice: Standardization of spirometry.

Attendance of Scientific Meeting:

1. Alexandria International Diabetes Days, Alexandria, 1991.
2. Third Egyptian Italian Workshop, Alexandria, 1994.
3. Fourth Egyptian Italian Workshop, Alexandria, 1996.
4. A recent Advances in Bronchial Asthma and Tuberculosis, 1997.
5. Postgraduate studies and medical research in the twenty first century. Alexandria, 1998.
6. The fifth Alexandria International Diabetes Days, Alexandria, 1999.
7. First Middle East Conference on recent advances in the management of cancer, Alexandria, 1999.
8. National conference of Allergy, 1998, 1999, 2000, 2001, 2002.
9. Second congress of Alexandria Thoracic Association, Alexandria 2001.
10. The Annual Conference of Faculty of Medicine, University of Alexandria,
11. Fourth Allergy Day, Alexandria, 2002.
12. The integrated Symposia of The Egyptian Association of Advancement of Medical Basic Sciences, 2004-2005.
13. The 26 Annual Scientific Congress of Alexandria Faculty of Medicine, First International Medical Education Conference, 2005.
14. The 10th conference of Medical Research Institute. 8-10 October 2003 Recent diagnostic and therapeutic approaches
15. The 11th conference of Medical Research Institute 23-25 November 2005 Evidence – based medicine
16. The 12th conference of Medical Research Institute 22 – 24 November 2006 Advances in medical research
17. The 13th conference of Medical Research Institute 21-23 November 2007 Advances in medical research :Liver Diseases.
18. The 5th Integrated Symposium of the Egyptian Association of Advancement of Medical Basic Sciences . Faculty of Medicine February 2007
19. Integrative symposium of the Egyptian Association of Advancement of Medical Basic Sciences in collaboration with Alexandria Students Scientific Association(ASSA).Hepatitis C virus.Faculty of Medicine 2007
20. The 14th conference of Medical Research Institute 29-31 October 2008 Advances in medical research:Oncology
21. The 5th Symposium:Liver Diseases at Crossroads of civilization:East meets West.Viral Hepatitis:Current and Future Therapies 15th -16th October 2008.
22. Tenth Allergy Day ,Alexandria center for allergy&immunology in co-operation with faculty of medicine-Alexandria university.2008.
23. Annual Scientific Conference of Kafr El Dawar General Hospital,2006-2008.
24. Research Ethics Workshop.26th Annual Summer Meeting of the Egyptian Society of Surgeons 23 october 2008.
25. Sixth integrated symposium of the Egyptian Association of Advancement of Medical Basic Sciences,March 2009
26. The 6th Alexandria Diabetes Days, Alexandria,17-19 April 2009.
27. Eleventh Allergy Day,Alexandria, 30 April 2009
28. Workshop of the Program of Continuous Improvement and Qualification for Accreditation , Alexandria,17May 2009 .
29. 11th International Congress of the Egyptian Society of Hepatology, Gastroentrolgy and infectious diseases in Alexandria (ESHGID)August 12-14,2009.
30. The 15th conference of Medical Research Institute 20-23 October 2009 Advances in Medical Research: From molecular medicine to clinical application.

31. The 4th International Annual Scientific Conference of the Naval & Hyperbaric Medical Institute, Alexandria 10-12 November 2009
32. Seventh integrated symposium of the Egyptian Association of Advancement of Medical Basic Sciences, March 2010
33. Twelveth Allergy Day, Alexandria, 13 May 2010
34. The 1st, 2nd, 3rd, 4th meetings of the Scientific Committee of the Medical Research Institute 2010.
35. Scientific Committee Conference of the Medical Research Institute. Alzheimer. April 5th 2012
36. 17th Conference of Medical Research Institute, Advances in Medical Research: Obesity. 13- 16 November 2012
37. The 1st, 2nd meetings of the scientific committee of Medical Research Institute. November 25th 2013
38. Training workshop: New trends in teaching/ learning/ training approaches in postgraduate medical education. Medical Research Institute. November 25th 2013
39. The 10th integrated Symposium of The Egyptian Association of Advancement of Medical Basic Sciences, Medicine and the search for the fountain of youth, 11th April 2013.
40. The 1st expert workshop of "Healthcare Governance and Transparency association" HeGTA on governance in Egyptian hospitals aiming to explore how governance and transparency can help overcoming hurdles Egyptian hospitals face and what is the positive impact of applying governance on hospital performance. Alexandria. November 11th 2013
41. Clinical governance workshop: Activities and competencies. Governance unit, Medical Research Institute. November 24th 2013
42. Critical appraisal of systematic reviews workshop. Governance unit, Medical Research Institute. November 25th 2013
43. Accountability in the health sector. Governance unit, Medical Research Institute. November 30th 2013
44. Third annual international conference of Specialized Universal Network of Oncology. Luxor , December 2013
45. 11th annual conference of the Egyptian Association of Advancement of Medical Basic Science (EAMBS). The burn wound: from basics to management. Conference center Alex. University hospitals. April 2014
46. Symposium of The Egyptian Association of Advancement of Medical Basic Sciences, Ebola: The Horrifying virus, Faculty of medicine. December 9th 2014.
47. Symposium of The Egyptian Association of Advancement of Medical Basic Sciences, & the Egyptian Society of Physiological Sciences (ESPS) in collaboration with Physiology department. Advances in Adiposity & Neurocognition. Bibliotheca Alexandrina. March 19th 2015
48. 13th Annual conference of Egyptian Association of Advancement of Medical Basic Sciences (EAMBS) understanding lymphoma: translating basic Science to Clinical practice. Alex Faculty of Med. March 24th 2016.
49. 3rd Egyptian Congress of pediatric pulmonology (ECP). Bibliotheca Alexandria 25-27 May 2016.
50. 1st Annual Symposium of Human Physiology department, Medical Research Institute. Exercise in health and disease 15 Dec. 2016
51. Governance conference: "الحوكمة الصحية من منظور المسؤولية المهنية والقانونية"

- Organized by medical syndicate and health governance unit conference center. Alex. University hospitals. March 8-9, 2017
52. 14th annual conference of the Egyptian association of advancement of medical basic sciences (EAMBS). Liver regeneration: current and future trends. Convention center faculty of Medicine, Alexandria University. March 2017
 53. 4th Egyptian Congress of Pediatric Pulmonology (ECP) endorsed by European Respiratory Society(ERS). Bibliotheca Alexandria. Alex, May 16-19, 2017
 54. The 6th Conference of the Egyptian Society of Physiological Sciences (ESPS) & the 2nd Annual Conference of the Physiology dept., Med Res Instit. Recent Advances in Obesity. Novembre 11th. 2017.
 55. 5th Egyptian Congress of Pediatric Pulmonology (ECP) endorsed by American Thoracic Society (ATS) & European Respiratory Society (ERS). Bibliotheca Alexandria. Alex, May 8-11, 2018
 56. The 3rd Annual Conference of the Physiology Dept., Med Res Instit. Recent Advances in Aging. November 29th. 2018.
 57. 15th Integrated conference of Egyptian Association of Advancement of Medical Basic science (EAMBS) Immunomodulation: a new era in medicine. March 2018. Faculty of medicine,Alexandria.
 58. 16th Annual Conference of Egyptian Association of Advancement of Medical Basic Sciences (EAMBS) & Medical Biochemistry Department. Alex Faculty of Med. April 23rd 2019.
 59. Patient Safety in Saudi Arabia Academic curriculum: Current situation and future insight. October 31st, 2022 Riyadh
 60. 19th Medical Research Institute, 7th International conference. In collaboration with The Japanese International Cooperation Agency. Milestones in cancer research from genomics to practice. Action in challenging times. Hilton Plaza Alexandria. May 13-14, 2023
 61. The Alexandria National Diabetes Conference. Main Convention Center. Faculty of Medicine. October 10th- 11th, 2023

Founding and Board membership:

Founder and Board member of The Egyptian Association of Advancement of Medical Basic Sciences. Faculty of Medicine ,sharing with the directory board in the following Symposia:

1. 1st Integrated Symposium of the Egyptian Association of Advancement of Medical Basic Sciences:Obesity. February 2003
2. 2nd Integrated Symposium of the Egyptian Association of Advancement of Medical Basic Sciences:Septic shock. December 2004
3. 3rd Integrated Symposium of the Egyptian Association of Advancement of Medical Basic Sciences:Hand in hand combating osteoporosis.April 2005
4. 4th Integrated Symposium of the Egyptian Association of Advancement of Medical Basic Sciences:Physical exercise in health and disease. February 2006
5. 5th Integrated Symposium of the Egyptian Association of Advancement of Medical Basic Sciences: Breast cancer,hope & cure.. Faculty of Medicine February 2007
6. Integrative symposium of the Egyptian Association of Advancement of Medical Basic Sciences in collaboration with Alexandria Students Scientific Association(ASSA).Hepatitis C virus. Faculty of Medicine 2007
7. 6th Integrated Symposium of the Egyptian Association of Advancement of Medical Basic Sciences:Parasitic liver diseases.March 2010

8. 7th Integrated symposium of the Egyptian Association of Advancement of Medical Basic Sciences, Immuno-vascular disorders .March 2010

Conference chairing and moderator

1. Fourth Integrated Symposium of the Egyptian Association of Advancement of Medical Basic Sciences:Physical exercise in health and disease.February 2006
2. Fourth scientific meeting of the Medical Research Institute.Autoimmune diseases.May 2008
3. The 15th conference of Medical Research Institute .Advances in Medical Research:From molecular medicine to clinical application. October 2009
4. First scientific meeting of the Medical Research Institute.GIT Motility Disorders.January 2010
5. Sixth Integrated Symposium of the Egyptian Association of Advancement of Medical Basic Sciences:Parasitic liver diseases.March 2010
6. Fourth scientific meeting of the Medical Research Institute Aging:Is never to be late .April 2010
7. The 16th conference of Medical Research Institute (4rd international) 19-22 october,2010 Advances in medical research :Quality in medical education &practice
8. The 17th conference of Medical Research Institute (5th international) 13-16 November,2012 Advances in medical research :Obesity
9. Tenth integrated Symposium of the Egyptian Association of Advancement of Medical Basic Sciences: Medicine and the search for the fountain of youth,11th April 2013.
10. 1st annual symposium of physiology Dept, Med. Res. Instit. Exercise in health and disease 15 Dec. 2016
11. 2nd annual conference of the physiology dept Med Res Instit. Recent Advances in Obesity. 11 Nov. 2017.
12. The 3rd Annual Conference of the Physiology Dept., Med. Res. Instit. Recent Advances in Aging. November 29th. 2018.
13. 19th Medical Research Institute, 7th International conference. In collaboration with The Japanese International Cooperation Agency. Milestones in cancer research from genomics to practice. Action in challenging times. Hilton Plaza Alexandria. May14, 2023

Research Experience:

A. University Degree supervised:

Master Degree Thesis

1. Study of some physiological variables in basketball players in different age groups. Discussed and published in 1997.
2. Effect of different exercise intensities on some physiological variables for subjects aged 12-15 years. Discussed and published in 2001.
3. Study of the relationship between bronchial hyperresponsiveness and inflammation in asthmatic patients. Discussed and published in 2005.
4. Study of the relationship between bronchial hyperresponsiveness and metalloproteinase enzymes in asthmatic patients. Discussed and published in 2005.
5. The role of leukotrienes in exercise-induced bronchoconstriction before and after rehabilitation training program. Discussed and published in 2006.

6. Study the effect of 12-week rehabilitation program on exercise capacity and disease severity in asthmatic children. Discussed and published in 2006.
7. Endothelial nitric oxide synthase (eNOS) in type-1 (IDDM) and type-2 (NIDDM) diabetes mellitus.. Discussed and published in 2011.
8. Study of the relationship between bronchial hyperresponsiveness and transforming growth factor-beta1 in asthmatics: effect of nigella sativa. Discussed and published in 2010.
9. Study of the relationship between bronchial hyperresponsiveness and elastase enzyme in asthmatic patients before and after treatment with N-acetylcysteine. Discussed and published.
10. Effect of exercise training on physical performance and quality of life in hemodialysis patients. Discussed and published in 2006.
11. Study of the possible role of central respiratory drive in the sensation of dyspnea in obese subjects. Discussed and published in 2011.
12. Role of Chlamydia pneumonia infection in the pathophysiology of bronchial asthma. Discussed and published in January 2015.
13. Possible role of Chlamydia pneumonia infection in airway remodeling in asthma. Discussed and published in January 2015.
14. Study of the possible involvement of beta 3 adrenergic receptors in the pathophysiology of bronchial asthma in obese patients. Registered 2014
15. Possible role of interleukin-6 and vitamin D in metabolic dysregulation in obese asthmatics. Registered September 2022

PhD Degree Thesis

1. Study of the possible role of beta-2 adrenergic receptor gene polymorphism in the pathophysiology of the association between obesity and asthma. Discussed and published in January 2014.
2. Study of T-helper 1/T-helper 2 balance in the pathophysiology of the association between obesity and asthma. Discussed and published in October 2013.
3. Study of the possible risk factors for obstructive sleep apnea. Registered 2016
4. Possible role of alveolar macrophage polarization in the pathophysiology of obese asthma phenotype. Registered 2019

Thesis Examination:

- 1- Effect of different exercise intensities on some physiological variables for subjects aged 12-15 years. Faculty of Sports training 2001
- 2- Study of the relationship between bronchial hyperresponsiveness and inflammation in asthmatic patients. Medical Research Institute 2005.
- 3- The role of flexible fibroptic bronchoscopy in the evaluation of persistent atelectasis in infants and children. Master of Paediatrics. Faculty of Medicine 2006

- 4- Study of the effect of 12 weeks rehabilitation training program on exercise capacity and disease severity in asthmatic children. Medical Research Institute 2006
- 5- Effect of tri-iodothyronine and insulin on liver regeneration,vascular endothelial growth factor receptor-1 and interleukin-6 in partially hepatectomized rats.Master of Physiology.Noha Mohamed Badie El Sayed.Faculty of Medicine 2009
- 6- Possible effect of curcumin as antidepressant in improvement of behavioural and serotonergic disorders in a rat model of autism. Master of medical physiology.Caroline Sameh Menassa Basta. Faculty of Medicine , Octobre2013
- 7- Study of the modulatory effect of sex hormones on T-Helper cells balance in the pathophysiological association between obesity and asthma. Eman Younes Khairy Mohammad.Medical Research Institute, Octobre 2013
- 8- Possible role of Chlamydia pneumonia infection in airway remodeling in asthma. Medical Research Institute 2015.

B. Research Grants:

- 1- **Bronchial reactivity as indication of future pulmonary disability in petroleum workers**, The organization financing was the Foreign Relations Co-ordination unit, (FRCU) Supreme Council of Universities. Egyptian- American Linkage, Project Phase II (ULP II) 1986-1988.
- 2- **Study and evaluation of pulmonary affections in cement workers in Egypt.**, Foreign Relations Co-ordination Unit, Supreme Council of Universities. Egyptian-American Linkage. Project Phase II (ULP II)
- 3- **Study of the effect of rehabilitation training program on the post-exercise bronchoconstriction in primary school age asthmatic children.** The financing organization was the university linkage project foreign relation co-ordination unit, Supreme Council of Universities. FRCU, ULP II. 1992-2002.
- 4- **Health Governance Unit: Italian-Egyptian debt for development swap program.** Project funded under the 2rd phase of Italian-Egyptian co-operation..Medical Research Institute.Alexandria University.Egypt.Implementing Agency:Istituto Superiore di Sanita(ISS),Rome,Italy. Agreement 2007-addendum signed in 2010.

Courses Attended:

1. Short introduction to novel techniques for assessment of nutritional status, 1996.
2. Physiological and immunological methods in diagnosis of bronchial asthma, 1998.
3. FLDP Effective presentation skills (II) August 20 – 23 : 2005
4. Faculty and leadership development center (FLDC) Time and stress management (p3) , November 19-- 21 2006
5. International Databases workshop :Information & Communication Technology Project Egyptian University Libraries Consortium March 10-11: 2009
6. Program of Continuous Improvement and Qualification For Accreditation in Higher Education: Developing Academic Programs for Accreditation Project, Higher Education

Institutes Labs Certification Project, Development of Students Assessment Systems Project. Workshop. May 17:2009

7. The first workshop on Health Governance within the framework of the Italian-Egyptian debt for development swap program. Medical Technology Center, Medical Research Institute Governance unit. January 15-19,2011
8. New trends in teaching/Learning/Training approaches in postgraduates medical education. Training workshop.5th April 2012.
9. Basic Skills for power point presentation,CIQAP. Medical Research Institute .22-23rd April 2012
10. Organisation and evaluation of the national health system.Ministry of Health(Ministero della Salute) Rome,13 May 2013
11. The Italian Policy for drugs. Italian medicines Agency AIFA (Agenzia Italiana del Farmaco) Rome,14 May 2013
12. Research and Surveillance for health. National Centre for epidemiology, surveillance and health promotion(CNESPS-ISS) Rome,15 May 2013
13. Quality and health services organization. National Agency for regional health services (Age.na.s.) Rome,16 May 2013
14. Research on infectious diseases. National Institute of Health (ISS). Rome, 17 May 2013

Health Governance Courses coordination, facilitation and training

1. First Health Governance Course: Health Governance Unit: 7 July 2012 – 6 February 2013
2. Study visit to Italy and training on Health Governance in May 2013:
 - Organisation and evaluation of the national health system.Ministry of Health (Ministero della Salute) Rome,13 May 2013
 - The Italian Policy for drugs. Italian medicines Agency AIFA (Agenzia Italiana del Farmaco) Rome,14 May 2013
 - Research and Surveillance for health. National Centre for epidemiology, surveillance and health promotion(CNESPS-ISS) Rome,15 May 2013
 - Quality and health services organization. National Agency for regional health services (Age.na.s.) Rome,16 May 2013
3. Second Health Governance Course: Health Governance Unit. 4 January 2014 – 12 June 2014
4. Third Health Governance Course: Health Governance Unit, 14 March 2015 – 30 May 2015
5. Problem-based learning facilitator's training workshop. Health Governance Unit 26 November 2015
6. Health governance (HG) Diploma degree submission in 2016. HG Diploma degree approval in 2017. HG Diploma programme coordinator
7. Interprofessional Patient Safety Education and practice (IPPSEP) workshop. Health Governance Unit. Medical Technology Center, Alexandria. August 30th, September 3rd 2023

Thesis Published:*** Master degree thesis:**

- Mervat E. El-Seweify. "Bronchial reactivity in normal subjects and petroleum workers". Medical Research Institute. University of Alexandria. Discussed and Published in 1987.

*** Doctor degree thesis:**

-Mervat E. El-Seweify. "Study on pulmonary functions in cement workers". Medical Research Institute. University of Alexandria. Discussed and Published in 1992.

Publications:

1. El-Akkary IM, Hassan MY, El-Seweify ME. Pulmonary flow rates and methacholine bronchial challenge in Egyptian petroleum workers. *Bul Alex Fac Med* 1990; XXXVI (5): 825-33.
2. El-Akkary IM, Fadali GA, Fawzy RK, EL-Ghazali M., El-Seweify ME. Respiratory system affection in Egyptian cement workers. *J Med Res Inst.* 1993; 14 (2): 75-99.
3. El-Akkary IM, Atta MA, Neana H, El-Seweify ME, Kandil S. Left ventricular performance in patients with chronic obstructive pulmonary disease. *J Med Res Inst.* 1993; 14 (2): 125-41.
4. El-Biali M, El-Akkary IM, Ibrahim MS, Mowafy MN., El-Seweify ME. Bronchial responsiveness in diabetic patients in relation to autonomic neuropathy. *J Med Res Inst.* 1993; 14 (4): 39-53.
5. Ibrahim MS, El-Seweify ME, Gabbour SN, Marouf M. Interaction of physiological mechanisms in determining the respiratory system performance in diabetics. *J Med Res Inst.* 1994; 15 (3): 87-93.
6. El-Seweify ME, Abd El-Salam SA, Moussa YI. Possible determinants of the training-induced response in ACTH post exercise. *Alex Med J.* 1995; 37 (3): 283-98.
7. Ibrahim MS, Abd El Salam SA, Gabbour SN, El-Seweify M, El Mogazy T, Moussa YI, El Akkary IM. Magnesium profile and exercise performance in Egyptian athletes. *Bull Alex Fac Med* 1995; 31 (1): 74-82.
8. Gabbour SN, El-Seweify ME, Abdel-Tawab SM, El-Akkary IM. Pathophysiological role of phospholipids in bronchial asthma. *Bull Egypt Soc Physiol Sci.* 1996; 16 (1): 117-41.
9. El-Seweify ME, Ibrahim MS, Abd El Salam SA, Marouf MA, Sharshira H, Rashwan I. Effect of acute inflammatory response to maximal and submaximal exercise on iron-related indices. *J Med Res Inst* 1996; 17 (1): 114-26.
10. Ibrahim MS, El-Seweify ME, Gabbour SN, El Akkary IM. The integrity of autonomic nervous system in childhood and adulthood onset asthmatic patients. *Bull Alex Fac Med* 1996; 32 (3): 275-82.
11. Hussein AM, Kosba YA, El Kilany MS, El-Seweify ME. Anal endosonography and function tests in assessment of post hemorrhoidectomy sphincter defects. *Bull Egy Soc Physiol Sci* 1996; 16 (2): 106-17.

12. El-Seweify ME, Gabbour SN, Moussa YI, El Akkary IM. The interplay of physiological mechanisms in determining oxygen consumption drift in normal females. *J Med Res Inst* 1998; 19 (3): 79-98.
13. El-Seweify ME, El-Bordiny MM. Role of oxidant-protease interaction in ventilatory function status in smokers. *Bull Egypt Soc Physiol Sci* 1999; 19 (1): 180-202.
14. Abou Heif HM, El-Seweify ME, Ismail Y. Alteration of the anti oxidant system by stress in normal and diabetic rats. *J Med Res Inst* 1999; 20 (1): 32-43.
15. El-Seweify ME, Abou Heif HM, Abdel-Mohsen MA, Ghoneim H. Pathophysiologic mechanisms of smoking-induced bronchial hyper-reactivity. *Alex Med J* 1999; 41 (2): 409-37.
16. El-Seweify ME, Dowidar NL, Hussein AM. Physiologic evaluation of colonoscopy-induced oxygen desaturation. *Alex Med J* 2000; 42 (3): 664-94.
17. Ibrahim MS, El-Seweify ME, Kamar AI, Gabbour SN. Effect of menstrual cycle phases on exercise performance in athletic and non-athletic females. *Bull Alex Fac Med* 2000; 36 (4): 365-72.
18. Hussein AM, Shehata MA, Zaki Y, El-Seweify ME. Computerized and vector manometric analysis in patients treated by tailored lateral sphincterotomy for anal fissure. *Tech Coloproctol* 2000; 4: 143-9.
19. El-Seweify ME, El Ghazali M, Abdel-Mohsen MA, Abou Heif H. Role of magnesium in pathophysiology of bronchial asthma. *J Med Res Inst* 2001; 22 (3): 39-57.
20. El-Seweify ME, El Bordiny M, Deghady A, Zaki A, El Ghandour A, El Sawy M. Role of platelet functions in the pathophysiology of myocardial infarction and stable angina. *Bull Egypt Soc Physiol Sci* 2001; 21 (1): 355-91.
21. Gabbour SN, El-Seweify ME, Ibrahim MS, Sadek NA. Evaluation of cardio-respiratory performance in patients with β -thalassemia major during rest and exercise. *Bull Egypt Soc Physiol Sci* 2002; 22 (1): 151-83.
22. Ibrahim MS, Gabbour SN, El-Seweify ME, Fathi M, Ragab MS, Abo-Shousha SA. Interrelationship between GH/IGF-1 axis, TNF α , insulin resistance and obesity in type II diabetes mellitus. *Bull Egypt Soc Physiol Sci* 2002; 22 (1): 184-210.
23. El-Ghazali M, El-Seweify ME, Abdel Ghani M, El-Akkary IM. Oxidant-anti oxidant imbalance in exercise-induced bronchoconstriction in asthmatics. *Bull Egypt Soc Physiol Sci* 2002; 22 (2): 1-24.
24. Ibrahim MS, Gabbour SN, El-Seweify ME, Sharaf I, El Sayed MH. Pulmonary dysfunction in silica-exposed workers: A relationship to oxidant/antioxidant state and soluble interleukin-2 receptors. *J High Inst Publ Health*. 2002; 32 (3):633-50.
25. El-Akkary IM, El-Seweify ME, Ibrahim MS, Gabbour SN. The effect of rehabilitation training program on the post-exercise bronchoconstriction in primary school children. *J. High Inst Publ. Health* 2002; 32 (3):615-32.
26. Youssry M, Zeid M, El-Seweify ME, Wagdy E. Assessment of physical performance and quality of life before and after correction of anemia and malnutrition in hemodialysis patients. *J Med Res Inst*. 2005; 26 (4): 298-306.

27. Kamar A, Abo-Shamaa L, Shoukry M, El-Seweify ME, Salama O. Study of the relationship between bronchial hyper-responsiveness and some inflammatory markers in patients with bronchial asthma. *J. High Inst Publ. Health* 2006; 36(2):613-28.
28. El-Akkary IM, El-Kholy ZA, El-Seweify ME, Abdel Mohsen MA. Relationship between sputum level of matrix metalloproteinase (MMP-9)/tissue inhibitor of metalloproteinase (TIMP-1) and methacholine bronchial hyper-reactivity in asthma. *European Respiratory Society Conference , Denmark Copenhagen 2005.*
29. El-Seweify M. Asthma and Obesity: A real connection or a causal association. *J Med Res Inst.* 2007; 28(2): 106-15.
30. El-Akkary IM, El-Kholy ZA, El-Seweify ME, Abo Shousha SA. The role of leukotrienes in exercise-induced bronchoconstriction before and after rehabilitation training program. *European Respiratory Society conference . Berlin -Germany ,4-8 Octobre 2008.*
31. El-Seweify ME, Shoukry M, El Ghazali M, Abdou AS, Moaz MM. Study of the possible role of central respiratory drive in the sensation of dyspnea in obese subjects. *Alex Med J.*2011;
32. El-Faras A, El Seweify ME, El Sayed Y, Obeid S, Aly D. Effect of *Nigella Sativa* on bronchial responsiveness and sputum levels of TGF β 1 in asthmatics. *Alex Med J* 2011; 53 (2) 136 – 147.
33. El-Akkary IM, El-Seweify ME, El Batouti GA, Abdel Aziz E, Adam AI. Role of leukotrienes in exercise-induced bronchoconstriction before and after a pilot rehabilitation training program. *Inter.J.Gen.Med.*2013.
34. El Akkary IM, El Seweify ME, Mokhtar M, Salama OE. The role of beta-2 adrenergic receptor gene polymorphism in the pathophysiology of asthma associated with obesity. *J Med Res Inst.*
35. Ferreli Rm, Mattossovich D, El Seweify M, Dowidar N. Continuous professional development and health governance in Egypt. Issue 4 vol 52, 2016 of *annali dell Istituto superior di sanita* online at <http://www.iss.it/publ/index.php>
36. El seweify MS, Ibrahim MS, Ghoneim HA, Aly YE. Study of the modulatory effect of sex hormones on T-helper cells balance in the pathophysiologic association between obesity and asthma. *J Med Res Inst.* April 2016, 58(2): 424-30.
37. El Akkary IM, El Seweify ME, El Sawaf GA, Batouti GA, Khairy Ey, Salama OA. Association of *chlamydia pneumoniae* infection in the pathophysiology of airway remodeling in bronchial asthma. *Clinical Medicine and Diagnostics* 2017, 7(2): 40-47