
CURRICULUM VITAE

Rashad Sami Barsoum

- Born in Assiut, Egypt, July 3rd, 1941.
- Married to Dr. Mona Tawfik Farid, father of Drs Noha, Nadine and Mireille and grandfather to 5 children



Qualifications:

- Bachelor degree, Kasr-El-Aini Medical School, Cairo University. (MB,BCh with honors): September 1963.
 - *Golden Medals in Physiology (1959), Toxicology (1961) and Internal Medicine (1962)*
- Diploma of Internal Medicine (DM with Distinction), Cairo University: October 1964.
- Doctorate in Internal Medicine (MD), Cairo University: June 1969.
- ECFMG. February 1971.
- Membership of the Royal College of Physicians (MRCP UK): April 1972.
- Fellowship of the Royal College of Physicians of Edinburgh (FRCPE.): November 1982.
- Fellowship of the Royal College of Physicians of London (FRCP): June 1986.

Training and Fellowships:

- Registrar in Internal Medicine, Cairo University: 1963-1965.
- Research Fellow in Nephrology, Cairo University: 1965-1967.
- Clinical Demonstrator in Nephrology, Cairo University: 1967-1969.
- Clinical Fellow in Nephrology, University of Paris (Hôpital Tenon): 1971.
- Nephrology Registrar, Urology Institute of London: 1972.
- WHO Fellow in Renal Transplantation, University of Minnesota, Minneapolis, USA: 1975.

Publications:

- **Dissertation:** "Kinetic and clinical studies on the reuse of Kolff Twin Coil Dialyzers". Accepted with distinction and published by Cairo University, 1964.

Book Editor/Co-editor:

- Highlights of Kidney Diseases (1995, 2007) [Arabic] Al-Ahram Press.
- Kidney diseases in the developing world and ethnic minorities (2005). Ed: El-Nahas AM, Barsoum RS, Dirks J, Remuzzi G. London: Taylor & Francis.

Encyclopedias:

- **Kidney Diseases.** In: Arab Medical Encyclopedia. First Edition 1986
- **Schistosomiasis.** In Encyclopedia of Human Biology, 3rd edition 2014

Textbook Chapter Author:

Chapter author or co-author of 45 Editions in 27 Textbooks in Nephrology

- Barsoum R. Schistosomiasis. **In Oxford Text-Book of Clinical Nephrology** (1992, 1998 & 2005). Ed. A Davison, JS Cameron, JP Grunfeld, C Ponticelli, E Ritz, CG Winereals, CV Ypersele. *Oxford University press.*
- Barsoum R. Ethical problems in dialysis and transplantation: Africa. **In Ethical Problems in Dialysis and Transplantation** (1992). Ed. I CM Kjellstrand and JB Dossetor. *Kluwer Academic Publishers.*
- Kjellstrand C, Barsoum R. Management of Acute Renal Failure. **In Principles and Practice of Nephrology** (1995). Ed. II Jacobson, Striker, Klahr. *Mosby Year book Inc.*
- Barsoum R. Dialysis in the Developing World. **In Replacement of Renal Function by Dialysis** (1996 & 2004). Ed. W Horl, KM Koch, RM Lindsay, C Ronco, J Winchester. *Kluwer Academic Publishers.*
- Barsoum R, Sitprija V. Tropical Nephrology. **In Diseases of the Kidney** (1996, 1999, 2002 & 2005). Ed. RW Schrier and CW Gottschalk. *Little, Brown and co.*
- Barsoum R, Fayad T, Praditpornsilpa K, Sitprija V. Tropical Nephrology. **In Schrier's Diseases of the Kidney** (2013). Ed. Coffman TM, Falk RJ, Molitoris BA, Neilson M and Schrier RW. *Lippincott Williams & Wilkins, Philadelphia.*
- Barsoum R, Francis M, Sitprija V. Renal Involvement In Tropical Diseases In **Schrier's Atlas of Diseases of the Kidney** (1998).
- Barsoum R. Parasitic Nephropathy. **In Renal Pathology** (1998). Ed. E Friedman, AMV Miles, C-K Chen. Teaching slides series.
- Rodriguez-Iturbe B, Burdmann E, Ophascharoensik V, Barsoum R. Glomerulonephritis associated with Infection. **In Comprehensive Clinical Nephrology** (2000, 2003 & 2007, 2010, 2014). Ed. J Floege, R Johnson and J Feehally. *Elsevier.*
- Barsoum R. The Kidney in Schistosomiasis. **In Comprehensive Clinical Nephrology** (2000, 2003, 2007, 2014). Ed. J Floege, R Johnson and J Feehally. *Elsevier.*
- Barsoum R. The Kidney in Tropical Infections. **In Mechanisms and Clinical Management of Chronic Renal Failure** (2000). Ed. AM El-Nahas, KG Harris, S Anderson. *Oxford University press.*
- Barsoum R. The Kidney in Schistosomal Infection. **In Massry & Glassock's Textbook of Nephrology** (2001). Ed. SG Massry and RJ Glassock. *Lippincott Williams & Wilkins.*
- Barsoum R. Infection-related glomerular disease. **In Mc Graw-Hill Clinical Medicine Series: Nephrology** (2001). Ed. F Schena, AM Davison, H Koomans, JP Grunfeld, F Valderrabano, F Van der Woude. *Mc Graw- Hill Int UK Ltd.*
- Barsoum R. Treatment strategies for end-stage renal failure in developing countries. **In Optimal Treatment Strategies in End-Stage Renal Failure** (2002). Ed. C Jacobs. *Oxford University Press.*
- Barsoum R. Tropical Glomerulonephritis. **In Glomerular Diseases** (2004, 2005 & 2008, 2011). Ed. M Nour-El-Hoda. *Al Nadwah publishers, Dubai.*
- Barsoum R. Tropical Acute Renal Failure. **In Tropical Surgery** (2004). Ed. R. Kamel and J

Lumely. Westminster Publishing Ltd, London.

- Barsoum R. Tropical Acute Renal Failure. *In Sepsis, Kidney and multiple Organ Dysfunction* (2004). Ed. C Ronco, R Bellomo, A Brendolan. Contributions to Nephrology (144). Kargerpub.
- Barsoum R. Epidemiology of ESRD: A Worldwide Perspective. *In Kidney diseases in the developing world and ethnic minorities* (2005). Ed: El-Nahas AM, Barsoum RS, Dirks J, Remuzzi G. London: Taylor & Francis.
- Naicker S, Barsoum R. Education and Training in Nephrology in Africa. *In Kidney diseases in the developing world and ethnic minorities* (2005). Ed: El-Nahas AM, Barsoum RS, Dirks J, Remuzzi G. London: Taylor & Francis.
- Barsoum R. Tropical Infections Causing Kidney Failure. *In Critical Care Nephrology* (2009). Ed. Claudio Ronco, Rinaldo Bellomo, and John Kellum. Elsevier.
- Barsoum R. Hepatitis C and the Kidney. *In Glomerular Diseases* (2008, 2011). Ed. M Nour-El-Hoda. Al Nadwahpublishers, Dubai.
- Barsoum R. Schistosomiasis. *In Oxford Desk Reference in Nephrology* (2009). Ed. J Barratt, K Harris, P Topham. Oxford University Press, New York.
- Barsoum R. Tropical infections and Acute Kidney Injury. *In Management of Acute Kidney Problems* (2010). Ed. C Ronco, J Kellum, A Jorres. Springer-Verlag Berlin Heidelberg.
- Barsoum R. Unique Aspects of CKD in the Developing Countries. *In Chronic Kidney Disease: A practical Guide to Understanding and Management* (2011). Oxford University Press, New York.
- Barsoum R. History of Dialysis in Africa. *In Dialysis: History, Development and Promise* (2012). Ed. Ing T, Rahman M, Kjellstrand. World Scientific Publishing Co, NJ
- Barsoum R. Schistosomiasis and Glomerular Disease. *In Up To Date* (2013). Ed. Rose B. Wolters Kluwer Health
- Barsoum R. Schistosomiasis: I. The Parasite and The Host; II. Infection and Morbidity; III. Kidney and Urinary tract disease. *In Oxford Textbook of Clinical Nephrology* (4th ed). Ed. Turner N, Goldsmith D, Himmelfarb J, Lameire N, Remuzzi G, Wanner C, Winearls C. Oxford University Press (UK)
- Barsoum R. Schistosomiasis. *In Encyclopedia of Human Biology*. Ed. John Abelson and Melvin Simon (3rd ed). Elsevier. *In press*.

Reviews and Original Articles:

193 papers published in local (65), regional (32) and international (96) periodicals (Total Impact Factors 279.9) (List attached)

(118 cited in Google Scholar, H-index 22; Total citations 1830)

• Research topics:

Dialysis	34 papers	Plasmapheresis	5
Schistosomiasis	28	Biomedical Engineering	4
Transplantation	27	Clinical Practice Guidelines	4
Epidemiology	25	History	3
Clinical Nephrology	21	Experimental	2
Acute Renal Failure	11	Urology	1
Chronic Renal Failure	10	Organizational	1
Diabetes	10	Autobiography	1
Tropical nephrology	6		

Thesis Supervisor:

- **Doctorate and Masters degrees:** 48 theses in Internal Medicine (mainly renal), Clinical Pathology, Biochemistry, Anaesthesia, Biochemical Engineering and Nephrological Nursing.

Research Projects

- Principal Investigator – **Glomerular disease in Schistosomal hepatic fibrosis.** Sponsored by the Naval American Medical Research Unit (NAMRU)-3 1975- Results published in three papers (#19, 22 on publications list)
- Principal Investigator-**Immunological and Clinical Aspects of the Renal Complications of Schistosomal Hepatic Fibrosis.** Sponsored by Theodore Bilharz Institute, 1988 – Results published in three theses.(#24,32,36 on Theses list)
- International collaborative Investigator- **Water supply and trace elements in Egypt and Jordan.** Evaluation and impact on general health . Sponsored by the European Community 1993. Principal Investigator: Marc de Broe, Universiteit Antwerpen.
- International collaborative Investigator. **Relation of Chromosome 7 markers and diabetic nephropathy.** Sponsored by NIH United States 1998. Principal investigator: Phillip Zager University of New Mexico
- International collaborative Investigator- **Role of Strontium in renal osteodystrophy.** Sponsored by the University of Antwerp 2000.

Clinical Trials:

Principal investigator in international, regional and local clinical trials:

- Deoxyspergualin in acute transplant rejection (Nippon Kayako).
- Consupren in Auto-immune disorders (Galena).
- Basiliximab in Induction treatment for renal transplantation (Novartis)
- Ismaferon in HCV infection in dialysis patients (Chemifarm)
- Cistinol in renal free water handling (Sekem)
- Myofortic in renal transplantation (Novartis)
- Gum Arabic in CKD (Sekem)
- Sequential Rapamycin-based immunosuppression in kidney transplantation (CKC)

Congresses:

- Participated in 175 congresses, including:
 - International 74
 - Regional 27

○ Egyptian	37
○ Non-Egyptian National	18
○ Pharma-sponsored	8
○ Special occasion meetings	11

Congress President/ Chairman Organizing Committee

- International Society of Nephrology/African Congress of Kidney and Electrolytes, Cairo, 1986
- First Congress of Egyptian Society of Pediatric Nephrology (Honorary), Cairo, 1997
- Arab Society of Nephrology and Renal Transplantation, Cairo, 2000
- 3rd International Congress of Nephrology on the internet (Honorary), 2003
- FMC Forum, Marrakesh, 2007
- FMC Forum, Berlin, 2009
- First Congress of the Egyptian Society of Transplantation (Honorary), Cairo, 2014

Invited Speaker

Plenary Lectures

1. Plenary lecture at International Congress of Nephrology
 - a. **Parasites and Nephrology**, *14th International Congress of Nephrology, Sydney 27 May 1997*
2. **72 Plenary lectures** at regional and national congresses

African Association of Nephrology (6)	Middle East Society of Organ Transplantation (8)
Algerian Renal Society (3)	Moroccan Renal Society (1)
Arab Society of Nephrology and Renal Transplantation (8)	Saudi Renal Society (2)
Egyptian Society of Nephrology (25)	South African Renal Society (3)
Iranian Society of Nephrology (1)	Sudanese Society of Nephrology (2)
Italian Society of Nephrology (1)	Tunisian Renal Society (2)
Jordanian Renal Society (3)	Turkish Society of Nephrology (1)
Lebanese Renal Society (2)	UAE Renal Society (2)
Mediterranean Kidney Society (2)	

Latest 10 plenary lectures:

- **Water and the Kidney**. Sudanese Society of Nephrology, Khartoum, 20 Feb 2010
- **Prevention of CKD in Africa**. African Association of Nephrology (AFRAN), Dakar, 18 Feb 2011
- **Integrating Research and Education in Clinical Practice**. Egyptian Society of Nephrology, Cairo, 12 Feb 2013
- **Update of Renal Amyloidosis**. Mediterranean Kidney Society, Milazzo, Sicily, 12 Apr 2013
- **Vitamin D, the Legendary Molecule**. Annual Conference of the Egyptian Pediatric Association, Alexandria, 20 May 2013
- **Post-transplant Tropical Infections**. 13th Francophone Transplant Congress, Marrakesh, 12 Dec 2013

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- **Nephrology 2020.** Joint Egyptian and Arab Societies of Nephrology, Alexandria, 5 Mar 2014
 - **The Glomerular Star.** Annual Conference of the Egyptian Pediatric Association, Alexandria, 15 May 2014
 - **De-Novo Sequential mTOR inhibition in Kidney Transplantation.** Middle-East Society of Organ Transplantation, Istanbul 11 Sep 2014
 - **Ethics in Organ Transplantation.** First International Congress of Renal Transplantation, Cairo, 22 Sep 2014

Symposia: Moderator/ Invited Speaker

- International Congress of Nephrology, Buenos Aires, (1999)
- World Congress of Nephrology, San Francisco (2001), Berlin (2003), Singapore (2005) Rio de Janeiro (2007), Milan (2009, Vancouver (2011), Hong Kong (2013), Cape town (2015)
- American Society of Nephrology, Miami Beach (1999), San Diego (2003), Denver (2010).
- International Congress of Nephrology Satellites, Ayers Rock (1997), Santiago (1999), Santa Fe (2001), Singapore (2005), Rio de Janeiro (2007), Milan (2009), Victoria BC (2011)
- International Society of Artificial Internal Organs, Chicago (1986)
- International Society of Nephrology - Commission for Global Advancement of Nephrology, Cape Town (1992), Nairobi (1996), Dubai (2001, 2005, 2008),
- 2nd Iranian Congress of Nephrology, Dialysis and Transplantation, Tehran (1992)
- 28th Course on Advances in Nephrology and Dialysis, Milan (1996)
- European Society of Transplantation, Geneva (2005)
- Critical Care Nephrology Congress, Vicenza (2007)
- South African Congress of Nephrology, Durban (2008)
- 15th International Conference on Continuous Renal Replacement Therapies, San Diego (2010)
- AFRAN Congress, Dakar (2011)
- Mediterranean Kidney Society, Messina (2011), Milazzo (2013)
- FMC Forum, Seville (2011), Budapest (2013)
- Jordanian Society of Nephrology: Amman (2013)
- Middle East Society of Organ Transplantation: Istanbul (2014)
- Arab Society of Nephrology and Renal Transplantation, Dubai (2014)
- About 60 of the mentioned regional and national congresses.

Original Paper Presentations:

- *53 oral and poster presentations in International or local congresses (As per publications list)*

Academic appointments:

Cairo University:

- Lecturer in Internal Medicine: 1969 -1974
- Assistant Professor of Internal Medicine: 1974 -1979
- Professor of Internal Medicine: 1979 - 2001
- Chief of Nephrology: 1988 -2001
- Head Professorial Unit of Internal Medicine: 1992-2001
- Councilor and Chief of Nephrology, King Fahd's Nephro-Urology Center, Cairo University: 1987 –1999

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- Founding Chairman of Kasr-El-Aini Nephrology and Dialysis Center: 1994-2001
 - Director of King Fahd's Nephro-Urology Center 1999 – 2001
 - Chairman of the Department of Internal Medicine, 1999-2001
 - Emeritus Professor of Medicine: 2001-
 - Member, Ethics Committee (2001-2005)
 - Member, Wise men Committee (2008-)

Supreme Council of Egyptian Universities

- Member of the State's Standing Committee for Professorial Promotion in Internal Medicine: 1989 - 1995; Moderator 1998-2001, Ex-officio member 2004-2007.
- Member of the Commission for Post-graduate Medical Education, Medical Sector, Supreme Council of Egyptian Universities, 2001-2004
- Chairman of the Commission for Education of Internal Medicine, Medical Sector, Supreme Council of Egyptian Universities, 2002-2004
- Chairman, Medical Sector Committee, 2008-2012
- Chairman, National Steering Committee for Egyptian Medical Qualification Reform, 2011 –
- Chairman, Implementation Committee for Egyptian Medical Qualification Reform, 2013-

Egyptian Academy of Scientific Research & Technology

- Member of National Committee for the National Awards in Medical Sciences, 1995-2012
- Members of the National Committee for the Mohammed Fakhry Prize for distinction in Medical Sciences, 1996-2010
- Member of the National Committee for the Mansoura International Award for distinction in Nephro-urology, 1996-2010
- Member of the Scientific Committee, National Science and Technology Development Fund (STDF- Medical Division), 2010 -2012
- Member, Supreme Council of Medical Sciences and Nutrition, 2013-
- Member of the Supreme Committee for State Awards, 2014-

Academic positions in International Organizations

- Faculty Member, European Master sin Nephrological Sciences, Napoli, 2001
- Examiner, Royal College of Physicians of Edinburgh, 2001-
- Host Examiner for Egypt, Federation of the Royal Colleges of the United Kingdom, 2004-2009
- International Advisor, Royal College of Physicians of London, 2004-2007
- Chairman, Board of Examiners, MRCP Cairo, 2004-2009

Visiting Professor at local or regional Universities / institutions

- Biomedical Engineering department, Faculty of Engineering, Cairo University, 1975
- Khartoum University, Sudan: 1982
- Ministry of Health , Tananarive, Madagascar: 1986
- University Hospital Beni-Messous, Algiers, Algeria: 1986 & 1987

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- Zahra University Hospital, Tripoli, Libya: 1990
 - Ministry of Health, Dubai General Hospital, UAE: 2006
 - External Thesis Evaluator: Sudan, , South Africa, Zambia (1992- 2008)
 - External Evaluator for professor promotion Sudan, Jordan, Syria, Saudi Arabia, South Africa) (1978-1999)

Visiting Professor at American or European Universities / institutions:

- Downstate Medical Center, Southern University, New York (SUNY): 1994 (Sau Wing Lam Visiting Professor)
- Charles University, Prague, Czeck Republic 1995
- Sheffield Kidney Institute, Sheffield UK: 1995-2011
- Danube University, Kermes Austria: 1997
- University of Los Angeles, California (UCLA): 2000

Editorial Boards:

Founding Editor-in-Chief

- ***Kidney Forum***, the Official Journal of the Arab Society of Nephrology and Renal Transplantation (1997)

Guest Editor

- ***Artificial Organs***, Special Issue: End-Stage Renal Disease in the Developing World (2002)

Associate/ Advisory Editorial Board member:

- Nephrology, Dialysis, Transplantation (1987-1997)
- Journal of Tropical Nephrology (2004-)
- Nature Clinical Practice Nephrology (2005-2009)
- World Forum, American Journal of Kidney Disease (2008-2014)
- Journal of Advanced Research (2008-)
- Nephron Clinical Practice (2009-)
- Nature Reviews, Nephrology (2009-)

Subject Editor- Tropical

- Journal of Nephrology(1998-2003)

Member of the Editorial Boards:

- Kidney International (1989-1999)

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- Zahra University Hospital, Tripoli, Libya: 1990
 - Saudi Journal of Kidney Diseases and Transplantation (2000-)
 - Lebanese Medical Journal (2000--)
 - Kumar and Clark's Text Book of Internal Medicine (2004--)
 - Medicine International (2006 -2010)
 - Experimental and Clinical Transplantation (2008-)
 - World Journal of Hepatology (2014-)

Peer Reviewer

Peer reviewer for 40 International or regional journals

- Acta Tropica
- African Journal of Pharmacy and Pharmacology
- American Journal of Kidney Diseases
- American Journal of Transplantation
- Annals of Tropical Medicine and Parasitology
- Artificial Organs
- BMC Nephrology
- Clinical Journal of the American Society of Nephrology
- East Mediterranean Medical Journal
- Egyptian Medical Journal
- Environmental Geochemistry and Health
- Experimental and Clinical Transplantation
- Expert Opinion on Emerging Drugs
- Hemodialysis International
- International Journal of Experimental Pathology
- International Journal of Health Policy and Management
- Journal of Experimental Nephrology
- Lebanese Medical Journal
- Journal of Nephrology
- Journal of Parasitology and Vector Biology
- Journal of Public Health and Epidemiology
- Journal of Tropical Medicine
- Kidney Forum
- Kidney International
- National Research Foundation
- Nature Clinical Practice Nephrology
- Nature Reviews Nephrology
- Nephrology
- Nephrology, Dialysis, Transplantation
- Nephron
- Pediatric Nephrology
- Pharmaceutical Biology
- Renal Failure
- Saudi Journal of Kidney Diseases
- Transplant Infections
- Travel Medicine
- Tropical Medicine and International Health

National Public Health Appointments

- Member of the Egyptian Health Commission for Renal Disease: 1982 - 1988.
- Member of the State Council for the Control of Medical Equipment, Ministry of Health, Egypt: 1985 -1989.
- Member of the State Council for Drug Administration, Ministry of Health, Egypt: Internal Medicine 1986 - 1993; Renal Disease 1995-2003.
- Member of the Egyptian Supreme National Commission for Kidney Diseases, 1997-2004
- Chairman, National Commission for Drug registration, Kidney diseases, 2007-
- Chairman, MOH Committee for Novel Therapies, 2010 -2012
- Member of the National Transplantation Ethics Committee 2010-2013
- Member of the Supreme Advisory Committee to the Minister of Health, 2011-2012
- Member of the National Health Council 2012-
- Chairman, Supreme MOH Committee for Health Professionals Training 2013-
- Member of the Supreme National Committee for Organ Transplantation, 2013-

Activities in Scientific Associations:

International Society of Nephrology (ISN)

- Organizing Committee Chairman, ISN African Kidney and Electrolytes Conference, Cairo: February 1987
- Councilor (1993-1999)
- Member of the Management Committee (1995-1999).
- Member of the Nominating Committee (1992-1995; 1995-1997; 1999-2001).
- Co-chairman of the Subcommittee for Africa, a division of the Commission for the Global Advancement of Nephrology [COMGAN] (1993-1999).
- Secretary-General of the Society (1999-2005)
- Director, Fellowship Program (1999-2005)
- Chairman, Advisory Committee on Tropical Nephrology (2001- 2003)
- Chairman, Publications Committee (2002-2005)
- Chairman, Website Editorial Board (2002-2004)
- Chairman, Clinical Practice Guidelines Committee (2004-2007)
- Chairman, Governance Committee (2005-2006)
- Director, Renal Sister Center Program (2005- 2009)
- Chairman, Nominating Committee (2009-2011)

International Society for Artificial Organs (ISAO)

- Regional Officer for Africa (1988-1999)
- Member of the Publications Committee (1990-1996)
- Vice-president of the Society (1990-1999)

International Society for Hemodialysis [ISHD]:

- Council member(2001-2007)
- Member of the Presidential Nominating Committee (2002)

Kidney Disease: Improvement of Global Outcomes initiative (KD:IGO)

- Member of the International Board (2002-2003)
- Member of the Executive Committee (2003- 2005)
- Member of the Board of Directors (2003-2007)
- Chairman, Committee for Implementation in Countries without CPGs (2003-2005).
- Counselor (2007-2009)
- Member, workgroup on Acute Kidney Injury Clinical Practice Guideline (2007-2009)
- International Guidelines Reviewer (2007-)

European Dialysis and Transplantation Association (EDTA)

- “Keyman” for Egypt: (1980-1993).

Collaborative Transplant Study Group- Heidelberg, Germany

- Group member (1990-)
- Press speaker(1992)

Middle East Society of Organ Transplantation (MESOT)

- Member of the Steering Committee (1990)
- Member of the Board of Trustees (1990-1994)
- Vice-president(1990-1994)

African Association of Nephrology [AFRAN]:

- Founding President and Secretary General (1987 - 1990).
- Chairman of the Nominating Committee (1993-1996)
- Chairman of the “African Nephronet” (1997-1999)

Arab Society of Nephrology and Renal Transplantation

- President(1995-1997).
- Chairman of the Nominating Committee (1997-1999); member 1999-2001, 2001-2003, 2003-2005, 2005-2007)

Mediterranean Kidney Society (MKS)

- Councilor (2009-2013)
- Counselor (2013-)

Egyptian Society of Nephrology

- Secretary-General (1981-1993).
- President (1996-1999).

Other Scientific Organizations

- Fellow of the Royal Society of Medicine, United Kingdom (1997-2005)
- Member of the New York Academy of Science: (1992-)
- Member of the American Association for the Advancement of Science: (1994 -)
- Member of the Global Academy of Tropical Medicine (2004-)
- Member of the Global Kidney Academy (2010-)
- Member of:
 - *American Society of Nephrology.*
 - *European Dialysis & Transplant Association - European Renal Association.*
 - *Mediterranean Society of infectious disease.*
 - *Arab Society of Nephrology and Renal Transplantation.*
 - *Middle East Society for organ Transplantation.*
 - *Egyptian Society of Organ Transplantation.*

Honorary life-time member of:

- South African Renal Society: (1992-)
- Lebanese Society of Nephrology (1998-)
- Egyptian Society of Nephrology (2000-)
- Egyptian Society of Pediatric Nephrology (2000-)
- International Society of Nephrology (2009-)
- Association of Egyptian American Scholars of North America (2012-)

Medals, Honors and Awards:

International

- International Award of the National Kidney Foundation of the USA: Baltimore: 1992
- The Roscoe Robinson Award of the International Society of Nephrology, Rio de Janeiro, 2007

Regional

- Pan African Pediatric Nephrology Association, Cairo 2000
- Arab Society of Nephrology and Renal Transplantation, 2000
- Arab Association of Pediatric Nephrology Riyadh, 2000
- Middle East Society of Organ Transplantation, Muscat, 2002
- Nigerian Society of Nephrology 2008
- Jordanian Society of Nephrology 2009
- Order of the Lion Grand Officer of Senegal, 2011

National

- First & Second International Conferences of Biomedical Engineering, Cairo: 1976, 1979.
- Egyptian Society of Urology: 1981.
- Egyptian Society of Nephrology: 1986, 2000, 2005.
- Egyptian Medical Syndicate: 1995, 1998, 2003, 2009
- Egyptian Society of Pediatric Nephrology, 2000
- Egyptian Military Academy, 2003
- Egyptian State Appreciation Award in Advanced Technological Sciences, 2009
- The Egyptian Order of Arts and Sciences - First Class, 2013
- Nile Award in Advanced Technological Sciences, 2015

Institutional

- Cairo University Medical School, 2001
- Mansoura University, 2003
- Assiut University, 2003
- Menya University, 2005
- Distinguished Researcher Award, Cairo University, 2007
- The Internal Medicine Ribbon of Kasr-El-Aini Medical School, 2014

Extracurricular activities

Electronics

- Studied basic electronics in parallel with Medicine
- Designed several devices including an electronic vote counter, educational interactive tools for illustrating the functions of the autonomic nervous system and amino acid metabolic pathways. Both educational tools were displayed for many years in the Biochemistry department of Cairo University.
- Designed and built own home security system including fully integrated audiovisual inputs and graded alerts and alarms.
- Designed and built 4 generations of a Central Dialysate Delivery System implemented in 3 dialysis centers (1976-1988)
 - Published in 2 papers (# 18 and 31 on the list of publications)

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- Awarded honorary medal of 2nd Congress of Biomedical engineering, Cairo 1979
 - Documented in the Artificial Organ Museum, Cleveland, Ohio (Now International Center for Medical Technologies (ICMT), Houston, Texas)

Computers

- Developed and implemented several Excel-based programs for medical filing and hospital managementsystem.
- Organized the first digital ballot system for the International Society of Nephrology elections, adopted later by other scientific organizations

Military Service:

- Colonel in the Egyptian Armed Forces Medical Services, Maadi Base Hospital, (1973-

Public Appointments:

- Member of St. Mary's Church Council, Zamalek, Cairo 1996-
- Member, Hospital Board of the National Children Cancer Institute (57357), 2013-2014

Published Autobiography:

- "Who is Who" in the World 1997
- Maldonado, MM. Of Nephrology and Nephrologists. Am J Kidney Diseases, 1998, 32(4), xiii-xvi
- Barsoum R, My journey with and in Nephrology, Saudi J Kidney Disease and Transplantation 2005,16(3):383-399
- American Journal of Kidney Diseases, Official Blog. Parasites and the Kidney — A Very Long and Tumultuous Relationship. Am J Kidney Diseases 2013.
<http://ajkdblog.org/2013/02/28/parasites-and-the-kidney-a-very-long-and-tumultuous-relationship/>

List of Publications

1. Elbadry A, Hassaballa AM, Ayady A, Barsoum R. Clinical and biochemical aspects of acute renal failure. Analysis of 151 cases. Med J Cairo University 1967;35:265-286
2. Elbadry A, Hassaballa AM, Ayady A, Saadany AM, Barsoum R. Diagnostic procedures in acute obstructive nephropathies. Med J Cairo University 1967;35:267-310.
3. Hassaballa AM, Ayady A, Shaheen MH, Barsoum R, Elbadry A. Sodium and urea diffusion patterns in fresh versus reused Kolff coil dialysis. Med J Cairo University 1967;35:769-797.
4. Fam A, Barsoum RS. Diuresis and prostatectomy. Int Surg. 1971;56(3):187-92.
5. Hassaballa AM, Ayady A, Shaheen MH, Barsoum R, Elbadry A, Eissa H, Metkees F. On the diagnosis and management of bacteraemic shock. Med J Cairo University 1971;39:xx-xx
6. El-Wahed SA, El-Hawary MB, Helmy R, El-Ayadi A, Barsoum RS. A biological method for diagnosis of different forms of arterial hypertension. J Egypt Med Assoc. 1972;55(2):174-83.
7. Barsoum RS, Rihan ZE, Ibrahim AS, Lebstein A. Long-term intermittent haemodialysis in Egypt. Bull World Health Organ. 1974;51(6):647-54.
8. Barsoum R, Hassaballa AM, Ayady A, Elbadry A. Blood flow patterns in reused Kolff coils. Med J Cairo University 1974;42: 191-196.
9. Barsoum R, Rihan Z, Baligh O, Hozayen A, Elghoneimy E, Ramzy M, Elgarf T, Ibrahim A. Post-traumatic jaundice. Experience with 1279 battle casualties in 1973 Middle-East war. J Egypt Med Assoc. 1974;57:9-16.
10. Hassaballa AM, Ayadi A, Shaheen MH, Barsoum RS, El-Badry A. Post-dialysis urea rebound. J Egypt Med Assoc. 1974;57(5-6):215-26.
11. Hassaballa AM, Ayady A, Shaheen MH, Barsoum R, Elbadry A. Biological sodium-urea inter-relations with fresh and reused Kolff coils dialysis. Ain Shams Med J 1974;25:463-474.
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