

## CURRICULUM VITAE

Name : Dr. Samia Ali Temtamy.  
Title : Professor Emeritus of Human Genetics, Department of  
Clinical Genetics, National Research Centre,  
El –Bohouth Street, El – Dokki, Cairo, Egypt.  
Birth Date : 12-2-1935  
Birth place : Damanshour, Beheira, Egypt.  
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Social Status : Married to Prof. Dr Mostafa Raafat Mahmoud,  
Professor of Pathology, National Cancer Institute,  
Cairo University.

### EDUCATION (DEGREES) :

- M.B., B. Ch., Medicine and Surgery, Dec. 1957 Faculty of Medicine, Cairo University, Cairo, Egypt.
- D.C.H., Pediatrics, Oct. 1960, Faculty of Medicine, Cairo University, Cairo, Egypt.
- Ph.D. Human Genetics, Feb. 1966, Johns Hopkins University, Baltimore, Maryland, U.S.A.

### MAJOR RESEARCH INTERESTS :

Clinical Genetics, Genetic Studies in Birth Defects, Mutagenesis, Dermatoglyphics, Human DNA Technology, Dysmorphology.

### PROFESSIONAL HISTORY :

- Intern, Cairo University Hospitals, (1958-1959).
- Pediatric Resident; Cairo University Children Hospital (1959-1961).
- Assistant Researcher, National Research Centre A.R. E. and Fellow in the Division of Medical Genetics, the Johns Hopkins University, Baltimore, Maryland, USA (1961-1966).

- Researcher in human genetics, the National Research Centre, Cairo, Egypt, (1966-1972).
- Associate Professor in Human Genetics. National Research Centre, Cairo, Egypt (1972).
- Professor of Human Genetics, National Research Centre, Cairo, Egypt (1977).
- Head of the Division of Medical Research. The National Research Centre (1977-1979).
- Head of the Department of Human Genetics. The National Research Centre (1977 till March 1991).
- Head of the Division of Genetic Engineering and Biotechnology, NRC (1985-1987).
- Professor Emeritus of Human Genetics NRC, Feb. 12, 1995.

#### HONORS AND PRIZES:

- Fellow in Medicine, Division of Medical Genetics, The Johns Hopkins University: 1961-1966.
- Post-Doctoral Fellow in Division of Medical Genetics, The Johns Hopkins University: 1973 and 1974: Supported by a grant from the National Foundation, the March of Dimes.
- Fellow Salzburg Seminar in American Studies, Salzburg Austria: 13 May- 5 June, 1979, Session 190: Health Care.
- Chairperson of a Session on Genetics and Malformation, XVI International Congress of Pediatrics, Barcelona, Spain. September, 1980.
- Awarded the Golden Medal for Distinction in Scientific Research NRC, Silver Jubilee, May, 1982.
- Awarded Certificate of honor “The Japanese Teratology Society“. Tokyo, Japan, 1983.
- Fellowship by D.A.A.D. September 19-31, 1982, to visit and Lecture in Institutes of Human Genetics Essen and Erlangen, West Germany, and to give the inauguration lecture in European Congress on Genetic Counseling, September, 1982.
- Research grant by the Stiftung Volkswagenwerk on a combined project with Professor Passage, Essen: West Germany, 1983 on “Chromosomal aberrations in Egyptians”.
- Co-chair-person 2 sessions in XVII International Congress of Pediatrics Manila, Philippines, Nov. 7-12, 1983 and Chairman of Symposium in the same Congress XXI, Cairo , September 1995.
- Fellow DAAD: September 1983.

- Fellow UNDP: Visit of 6 Departments of Human DNA Technology in U.K. and U.S.A (June and July, 1986).
- Participated in Workshop on Genetic Engineering Techniques UNIDO and KISR Kuwait Institute for Scientific Research. Nov. 1987 (Sponsor: KISR).
- Member Advisory board Gazette Egyptian Pediatric Association.
- Vice President Society of Pediatric Genetics.
- Member Medical Research Council, Academy of Scientific Research and Technology.
- Member National Committee on Research Strategies for Biotechnology and Genetic Engineering, Academy of Scientific Research and Technology (2000) till present.
- Member Advisory Committee for WHO task force meeting for prevention of Genetic diseases in the Middle East and Mediterranean countries, Cyprus (1993).
- Member Technical Advisory committee for the council for childhood and motherhood (Headed by the first lady in Egypt).
- Golden Medal by Egyptian Medical Syndicate (1987).
- Golden Medal and honored by Cairo Governorate (1997).
- Member the Permanent Committee for Genetic counseling, the Arab league representing Egypt.
- Egyptian Counterpart for research project with Prof. Marc fellous Pasteur Inst., Paris France (1990-1992).
- Egyptian Counterpart for 2 research projects with Profs G. Romeo and Felicetti, Italy (1992-1995).
- Principal investigator for a project on "Thalassemia" funded by ICGEB, Trieste, Italy (1995-1998).
- Egyptian counterpart for a British Council high education link project in Biochemical Genetics (1998-1991).
- Egyptian counterpart for a Jeulich grant with German Institutes on combined scientific project (1999-2001).
- Award of Scientific Distinction in Medical, Pharmaceutical and Environmental sciences, the National Research Centre, 1987.
- Associate editor in American Journal of Medical Genetics, European Journal of Human Genetics and the Egyptian Journal of Medical Human Genetics.
- Award of Scientific Appreciation in the National Research Centre, (1997).
- Highest state award in Medical Sciences by the Egyptian Academy of Scientific Research and Technology, 2000.

-Listed in Marquis WHO's WHO (1998), The International Directory of Distinguished leadership, American Biographical Institute, 1998 and WHO's WHO 2001-2002,2006 editions of International WHO's WHO of Professionals.

-Member of the WHO Eastern Mediterranean Advisory Committee on Health Research: July, 2006.

-Work package leader on Genetic Telecounselling of a European Commission Project: Euro Mediterranean Network for Genetic Services (MedGeNet): November, 2006-November, 2008.

-Member Advisory Board of the Yousef Jameel Science and Technology Research Center (STRC) The American University in Cairo: January 2007

-Chairman:5<sup>th</sup> Annual Meeting of African Society of Human Genetics In conjunction with first International Conference of National Society of Human Genetics and The Human Genetics and Genome Research Division, The National Research Centre, Cairo, Egypt:3-5 November 2007.

## POSTGRADUATE TEACHING AND SUPERVISION OF MASTER'S AND DOCTOR'S THESIS:

### Teaching :

-Faculty of Science, Cairo University (1967-1980).

-Histology Department, Zagazig University (1977-1981).

-Members Royal College of Obstetrics and Gynecology, (MRCOG) first part (1976-1981).

-Annual Training Courses in Human Genetics, NRC, Cairo, Egypt.

-European School of Medical Genetics, Sestri-Levanti, Italy (2 courses).

-Training courses arranged by The Egyptian Ministry of Health and Population for physicians and medical practitioners.

### Supervision :

-Over 100 Ph.D, MD and MSc. thesis: 58 Ph.D. or M.D. Thesis and 50 Masters degrees in Medicine and Science in the fields of human genetics, experimental Mutagenesis, pediatrics, ophthalmology, pathology, andrology, internal medicine, gynecology and obstetrics, biochemistry, dentistry, clinical pathology and psychiatry (Please see attached papers).

### Membership of Scientific Associations :

- President and founding member of the National Society of Human Genetics, National Research Centre, Cairo, Egypt.
- The American Society of Human Genetics.
- The American Association for the Advancement of Science.
- The Egyptian Pediatric Association.
- The Egyptian Society of Genetics.
- The Egyptian Society of Histology and Cytology.
- The Egyptian Medical Association.
- The Johns Hopkins Medical Association.
- The Clinical Genetics Society and The British Society of Human Genetics.
- The Scientific Association for Egyptian Women (SAEW).
- The International Dermatoglyphics Association.
- The European Society of Human Genetic.
- The Egyptian Society of Pediatric Genetics (Vice President).
- Associate member in the Institute of Society. Ethics and the life Sciences (The Hastings Center, N. Y. U. S. A)
- The American Dermatoglyphics Association.
- The Egyptian Society for American Universities Alumni.
- The 'TWOWS' Third World Organization for Women in Science.

### List of Participation in International Conferences & Scientific Visits:

- The Clinical Delineation of Birth Defects Conferences: 1967, 1972, 1973, 1974 (USA).
- Clinical Genetics Conference, London, UK 1979.
- International Genetics Meeting for Mediterranean countries, Cairo, 1979.
- Salzburg seminar for American studies (one month fellowship Salzburg, Austria, 1979).
- The 16<sup>th</sup> International Conference of Pediatrics, Barcelona, Spain, 1980.

- International Conference of Neurogenetics and Ophthalmology, Zurich, Switzerland, 1981 (Invited speaker for plenary lecture).
- European Genetic Counseling Conference, Erlangen, Germany 1982 (Invited speaker for plenary lecture).
- Clinical Genetics Conference, Athens, Greece, 1983.
- Japanese Teratological Society Meeting, Tokyo, Japan, June 1984. Invited speaker: inaugural lecture tour of 2 weeks in Human Genetic departments and Aichi Prefectural Colony for handicapped.
- Scientific cooperation with Essen University, 10 day visit Essen, Germany, 1984.
- International Pediatrics Congress, Manilla, Philippines, 1985.
- UNIDO fellowship to visit molecular genetic laboratories in London, Manchester, Edinburgh, Glasgow, U.K, Cornell, Johns Hopkins Bar Harbor USA (6 wks. 1987)
- The 7<sup>th</sup> International Human Genetics Conference. Berlin, Germany, 1986.
- UNIDO fellowship to participate in a symposium on practical applications of DNA Technology. KISR, Kuwait, 1987
- 18- First International Marfan Syndrome Conference Baltimore, MD, USA, 1988.
- International conference on Dermatolgyphics, Zaghreb, Yugoslavia, 1988.
- The Third World Scientific Conference for Women in Science (TWAS), Trieste, Italy, 1989.
- International Conference of Genetic Engineering and Biotechnology, Karatchi, Pakistan, 1989.
- Scientific Conference for Medical Applications of Genetic Engineering and Biotechnology in the setting of the Middle East. Riyadh, Saudi Arabia, 1989, Invited speaker.
- President of the first International Conference of Human Genetics and Physical Anthropology, Cairo, Egypt. December 1989.
- DAAD Fellowship, Munich, Germany: Applications of DNA Technology and Biochemical Genetics. July, 1990.
- Cooperative Scientific project between Department of Human Genetics, Cairo and Pasteur Institute, Paris, France, 1990.

- Symposium on sex determination. International Medical Olympic Committee, Lusanne, Switzerland, Invited, June, 1991.
- The 8<sup>th</sup>. International Human Genetic Conference, Washington DC USA, 1991.
- Participation in teaching “European School of Medical Genetic “, Sestri – Levanti, Italy, April 1992. And 1994
- Scientific cooperation with Institute of Molecular Genetics, Sofia, Bulgari, 1992.
- Scientific Co-operations with Prof. Marc Fellous on a conjoint project on “Intersex“. Paris, France, 1992.
- First National Conference on Pediatric Genetics, Cairo, Egypt. 1993.
- WHO expert committee meeting on Prevention of Genetic Diseases in Middle East and Eastern Mediterranean Countries, Nicosia, Cyprus, 1993 (Invited).
- Medical Effects of Hereditary Diseases Conference Riyadh, October, 1993 (Invited).
- International Conference for Andrology, Cairo, Egypt, 1993.
- A visit to the University of Hannover for conjoint MD Supervision. Hannover, Germany, 1993.
- Second Inborn Errors of Metabolism Meeting (AIWEIM) for Asian and European countries, Istanbul, Turkey, 1994.
- Scientific co-operation with Turkish Institutes of Medical & Molecular Genetics, Istanbul and Ankara (Tubitack).
- 38- Twenty First International Congress of Pediatrics: Organizer of a symposium on “Geneties of Birth Defects “. Cairo, Egypt, 1995.
- 39- President of 3<sup>rd</sup> (AEWIEM) Asian European Workshop on Inborn Errors of Metabolism, Cairo, Luxor, Aswan, Egypt September 1995.
- Fourth (AEWIEM), Munich, Germany, 1996.
- The 9<sup>th</sup>. International Congress of Human Genetics, Rio–de–Janeiro Brazil, 1996.
- Representative of Egypt in Permanent Committee for Genetic Counseling for Arab Countries. The Arab League, Cairo: 1996, 1997, 1998, 1999, 2000, 2001.
- The Egyptian–French Symposium on childhood disabilities Cairo, Egypt, 1996.
- British Human Genetic Society Meeting: York, UK, 1996.
- British Human Genetic Society Meeting: York, UK, 1999.

- MEGA Conference: Middle East Genetic Association with USA Scientists, December, 1999, Cairo, Egypt.
- 10<sup>th</sup> International Human Genetic Conference, Vienna, Austria, 2001.
- 2<sup>nd</sup> Iranian Congress of Human Genetics and Disabilities. Tehran, Iran, Dec. 2002. (Invited).
- 1<sup>st</sup> International Conference for Medical Sciences. NRC, Cairo, Egypt, Dec, 2002.
- XVI<sup>th</sup> Meeting of the International Society of Hematology: European & African Division 2002, Cairo, Egypt.
- Pan African Environmental Mutagen Society (PAEMS): Fourth International Meeting. March, 2003, Cairo, Egypt.
- The 2<sup>nd</sup> Saudi Arabian disability Conference. Jeddah Saudi Arabia Feb, 2004.
- European School of Genetics, training course: Consanguinity and genetic diseases in Egyptians. Lecture: Consanguinity and Mediterranean Community Genetics, Alexandria, Egypt, Oct. 3-6, 2004.
- European School of Genetics, training course: Medical effects of consanguinity. Lecture. International Conference and Public Debate “Genetics and its Impact on Medical Practice of Mediterranean Communities”. Alexandria, Egypt, Oct. 3, 2004.
- European School of Genetics. The 4<sup>th</sup>. Course on Clinical Genetics “From Embryology to Dymorphology” training course. Lecture: Genetic Disorders of the Limbs and Skeleton. Lecture Tunis, Nov. 21-24, 2004.
- 1<sup>st</sup> International Conference of Clinical Genetics. Kuwait. Medical Genetics Centre. 12<sup>th</sup> – 15<sup>th</sup> Feb., 2006. Invited as a speaker: "New syndrome identification"
- International Conference of Genetics in Pediatrics: Luxor, Egypt, January 2007. Invited Speaker: Recent studies on Limb and Skeletal Anomalies.



### List of Publications :

1. Temtamy, S.A.: Carpenter's Syndrome: Acrocephalopoly syndactyly, An autosomal recessive syndrome; J. Pediatrics. 69: 111-120 (1966).
2. Welch, P. and Temtamy, S.A.: Hereditary contractures of the fingers (Campodactyly). J. Medical Genetics 3: 77-158 (1966).
3. Abdel-Salam. E. and Temtamy, S.A: Familial Turner Phenotype. J. Pediatrics 74: 67-72 (1969).
4. Temtamy, S.A.: and McKusick, V.A.; Synopsis of hand malformation with particular emphasis on genetic factors. Birth Defects Orig. Art. Ser. 5(3): 125-184 (1969).
5. Temtamy, S.A.: and Loutify, A.: Some genetic and surgical aspects of cleft lip-cleft palat problem in Egypt. Cleft Palate Journal 7: 578 (1970).
6. El-Mazni, A. and Temtamy, S.A.: Some genetic aspects of congenital heart disease in Egyptian children. Gaz. Egypt. Pediat. Assn. XVII: 85-99 (1970).
7. El-Zawahry, K.; El-Mazny, A.; Riad, Y. and Temtamy, S.A.: ABO blood groups and rheumatic heart disease. Gaz. Egypt. Pediat. Assn. XVII: 41-57 (1970).
8. Temtamy, S.A.: and EL-Mazni, A.: The association of cardiac and skeletal anomalies in three different genetically determined syndromes. Gaz. Egypt. Pediat. Assn. XVII: 216-239 (1970).
9. Temtamy, S.A.: Salem, B.S. and Raafat, M.: Genetics of Lung Diseases. Review of literature with study of 2 rare cases. The Egyptian Journal of Chest Diseases, Tuberculosis. 15: 229(1972).
10. Mossalm, L.; El-Khodary, A.F. and Temtamy, S.A.: Waardenburg's Syndrome in Egypt. Ain Shams Medical Journal. 25: 43 (1974).
11. Freeman, M.V.R.: Williams, D.W.; German, J.: Schimke, R.N.: Temtamy, S.A. and Vachier, E.: The Roberts Syndrome. Clinical Genetics 5: 1 (1974).

12. Temtamy, S.A.: Loutfy, A.A.; Hetta, F.; Raafat, M.; Attiya O.M. and Boulos, S.Y.: Familial male hermaphroditism. Urinary System and Others. Birth Defects Orig., Art. Ser. Vo. X, P. 243 (1974).
13. Temtamy, S.A.: and Loutfy, A.H.: Polysyndactyly in an Egyptian Family. Birth Defects Orig. Art Ser. Limb. Malformation. Vol. X, No. 5, P. 207 (1974).
14. Temtamy, S.A.: El-Meligy, M.R.; Badrawy, H.S.; Abdel Meguid, M.S.; Safwat, H.M.; Metaphyseal dysplasia, anetoderma and optic atrophy, an autosomal recessive syndrome. Birth Defects orig. Art. Ser. Skeletal Dysplasias, Vol. X, No. 12, P. 61, (1974).
15. Temtamy, S.A.: El-Meligy, M.R.; Osman, N.; Abd El Meguid, S. and Salem, S.; A new bone dysplasia with autosomal recessive inheritance. Medical Genetics Today, Birth Defects Orig. Art. Ser. Vol. X. No. 10, 165 (1974).
16. Temtamy, S.A.: El-Meligy, M.R.; Salem, S. and Osman, N.: Hyperphosphatasia in an Egyptian child. Skeletal Dysplasias. Birth Defects Orig. Art. Ser. Vol. X: 12, 292 (1974).
17. Temtamy, S.A.: and Shalash, B.: Genetic heterogeneity of congenital cataract, microphthalmia and nystagmus, Birth Defects Orig. Art. Ser. Urinary System and Others. Vol. X: 292: (1974).
18. Temtamy, S.A.: and Miller, J.D.: Extending the scope of the VATER association, Definition of a VATER syndrome. J. Pediatrics 85: 345 (1974).
19. Temtamy, S.A.: On anomalies associated with radial dysplasia. Letter to the Editor. J. Pediatrics. 85: 585 (1974).
20. Sabah, D.M.; Abdel-Hafeez, M.; Sammour, M.B.; Temtamy, S.A.: and El-Maraghy, M.: Study of Syndrome of gonadal dygenesis. Ain Shams Med. J. 25: 37u9 (1974).
21. Soliman, M.A.H.; Sabah. D. M.; Sammour, M.B and Temtamy, S.A.: Study of the syndrome testicular feminization Ain Shams Medical Journal 25: 829 (1974).
22. Temtamy, S.A.: Shoukry, A.S.; Ghaly, L.: El-Meligy, B. and Boulos, S.Y.: The Duane/radial dysplasia syndrome: An Autosomal dominant disorder. New Chromosomal and Malformation syndromes. Birth Defects Orig. Art. Ser. Vol. XI: 344 (1975).
23. Temtamy, S.A.: and Rogers, J. G: A new postaxial polydactyly syndrome ? New Chromosomal and Malformation Syndromes. Birth Defects. Orig. Art. Ser. Vol. XI: 344 (1975), Abst.

24. Temtamy, S.A.: and Rogers, J.G.: Macrodactyly hemihypertrophy and connective tissue nevus: A new syndrome. New Chromosomal and Malformation Syndromes. Birth Defects. Orig. Art. Ser. Vol. XI: 343 (1975), Abs.
25. Temtamy, S.A.: Levin, L.S.: Miller, D.; McClaine, K. and Goldie, W.; Severe Mohr Syndrome or mild Majewski Syndrome?. New Chromosomal and Malformation Syndromes. Birth Defects. Orig. Art. Ser. Vol. XI: 342 (1975), Abs.
26. Temtamy, S.A.: and Dorst, J.P.: Polydactyly of triphalangeal thumbs with upper limb and pectoral dysplasia. New Chromosomal and Malformation Syndromes. Birth Defect Orig. Art. Ser. Vol. XI: 340, (1975), Abs.
27. Miller, J.D.; Temtamy, S.A.: Levin, L.S. and Dorst, J.B.: Skeletal dysplasia with soft tissue tumors and Ocular, dental and digital anomalies. A new syndrome. New Chromosomal and Malformation Syndromes. Birth Defects Orig. Art. Ser. 334 (1975).
28. Temtamy, S.A.: Shoukry, A.S.; Raafat, M. and Mihareb, S.: Marden-Walker Syndrome. Evidence for autosomal recessive inheritance. Birth Defects Orig. Art. Ser. Malformation Syndromes. Vol. XI: 104 (1975).
29. Temtamy, S.A.: and Shoukry, S.A. Cornelia de Lange Syndrome in an Egyptian Child. Birth Defects Orig. Art. Ser. Malformation Syndromes. Vol. XI: 362, (1975).
30. Temtamy, S.A.: Shoukry, S.A.; Fayad, I. And El-Meligy M. R.: Limb Malformations in the colver-leaf skull anomaly. Birth Defects: Orig. Art. Ser. Malformation Syndromes, Vol. XI: 247 (1975).
31. Temtamy, S.A.: Shoukry S.A. and El-Meligy, M.R.: Pfeiffer Syndrome. Birth Defects Orig. Art. Ser. Limb Malformation Vo. X: 229 (1975).
32. Temtamy, S.A.: and Shalash, B.: Laurence-Moon-Bardet-Biedel: Syndrome in sibs. Birth Defect: Orig. Art. Ser. Malformation Syndromes. Vol. XI, 202 (1975).
33. Kelly, T.E. Benson. R.; Temtamy, S.A.: Poltnick, L. and Levin, L.S: The Robinow syndrome: An isolated case with a detailed study of the phenotype. Amer. J. Dis. Child 129 (1975).
34. Temtamy, S.A.: Miller, J.D. and Maumenee, I.H.: The Coffin-Lowry syndrome: A heritable mental retardation syndrome. J. Pediatrics, 85; 724 (1975) .
35. Scribanu, N. and Temtamy, S.A.: The syndrome of aplasia cutis congenita with terminal transverse defects of Limbs. J. Pediatrics, 87, 79 (1975).

36. Miller, J.D.; McKusick, V.A. Malvaux; Temtamy, S.A.: and Slainas, C.: 3-M syndrome: A heritable low Birth Weight dwarfism. Birth Defects Orig. Art. Series. New Chromosomal and Malformation syndromes. Vol. XI. 5, 39 (1975).
37. Salem, E.; Temtamy, S.A.: Gad El Mawla, N. and Abdel Kader, S.: Dermatoglyphics in relations to disease (Review of the literature and a study on 100 diabetic cases). J. Egypt. Med. Assoc. 58. 527 (1975).
38. Temtamy, S.A.: El-Darawy, S.; El-Zawahry, M.; Mobarak, Z. and El-Laithy, S.: Dermatoglyphic studies in Egyptians. Paper presented in 5<sup>th</sup> International Congress of Human Genetics, Mexico City, Mexico (Oct. 10-15. 1975), Abs.
39. Temtamy, S.A. and Rogers. J.: Macroductyly hemihypertrophy and connective tissue nevi. A report of new syndrome with review of the literature. J. Pediatric 89, 984 (1976).
40. Rogers, J.G.; Levin, D.S.; Dorst, J.P. and Temtamy, S.A.: A postaxial polydactyly-dental vertebral-syndrome. J. Pediatrics, 90,230 (1977).
41. Aggour, N.S. Raafat, M.; Temtamy, S.A.; Abdeen, F.H. and Fayad, M.M.: Chromosomal studies in invasive carcinoma of the uterine cervix in Egyptians. The Journal of the Egyptian Society of Obstetrics and Gynecology. Vol. III, 31-45 (1977).
42. Temtamy, S.A. and McKusick, V.A.: The Genetics of Hand Malformations. The National Foundation. March of Dimes, Alan. R. Liss. Inc. New York, U.S.A. (1978), 619 page (Book) reprinted in Sept. (1987) and in 2001.
43. Temtamy, S.A.; Boseila, A.; Younis, M.N. and El-Laithy, S. Y.A.: A genetic study in post-pill pregnancies. Paper presented in the second scientific meeting of the Egyptian Society of histology and Cytology. (Nov. 1978).
44. De Hondt, H.A.; Temtamy, S.A.; Bibars, M.A. and Kassem, E.A.: Affect of Etrenol (Hycanthon methane-sulfonate). On the chromosomes of laboratory rats. Proc. 1<sup>st</sup> Mediterranean Conf. Genet. (March 1979). 301-320.
45. Temtamy, S.A.: “ Many contributions “ in “ Birth Defects Compendium”. Bergsma, D. (Editor) The National Foundation-March of Dimes. Alan R. Liss. Inc. New York, USA. (1979)P: 131.132.148.149.403.439.
46. Temtamy, S.A. et al: Rare autosomal recessive disorders in Egyptians. Paper presented in the Clinical Genetics Society Meeting. London, Nov. 1979, J. Med. Genetics 17, 156 (1980).

47. Raafat, R.; Shoman, Temtamy, S.A. and Eissa, S.; The value of chromosomal studies in the diagnosis of effusions. Paper; presented at the Mediterranean Cancer Conference, Cairo (Nov. 5-8, 1980).
48. Temtamy, S.A.: The value of classification in Genetic Counselling of Limb Malformations. Colloquium No. 3 Genetic counselling and its effectiveness in prevention of congenital malformations. XVI International Congress of pediatrics, (Sept. 8-13, 1980). Barcelona (Spain) P. 370.
49. Temtamy, S.A.; Ibrahim M.A.; Abdel-Salam, M.; Hussein F. H. and El-Miniawi, L.: Genetic studies in azospermia patients with the Klinefelter pattern of testicular biopsy. *Andrologia*, 12(4): 131-140 (1980).
50. Temtamy, S.A.; El-Mazny, A.; Salam, M.A.; Sharaf El Din, S. and Mahmoud, F. H. Genetic studies of congenital heart disease with associated anomalies. *Gaz. Egypt. Ped. Assn.* 28 (3-4), 131-140 (1980).
51. Miniawi, L.K.; Salam, M.A.; Temtamy, S.A.; Kamel, W.A.; Hussein, F. H. and Ghali, I.: The Laurence-Moon-Bardet-Biedl (LMBB) syndrome, Clinical & Genetic studies of 11 cases. *J. Egypt. Med. Assoc.* 64: 35-49 (1981).
52. Temtamy, S.A.; Hussein, F.H.; El Miniawi, L.K.: The Waardenburg Syndrome in Egypt Revisited. *Neurogenetics and Neuroophthalmology*. A. Huber & D. Klein Eds. *Developments in neurology*, Vol. 5 Elsevier/ North-Holland Biomedical Press P. 407-422 (1981).
53. Temtamy, S.A.; De Hondt, H.A.; Raafat, M.; El-Fiky, S. and Hamza, M.R.: Effect of some anticancer drugs on the chromosomes of the laboratory rat. *The Egyptian Journal of Oncology*. 1. 65-77 (1981).
54. Mustafa, M.S.; Temtamy, S.A.; El-Gammal, M.Y.; Abdel-Sayed, S.; El-Salam, M.A. and El-Baroudy, R.: Genetic studies of congenital cataract. *Metabolic and Pediatric Ophthalmology*, Vol. 5, No. 314, 233-244 (1981).
55. Temtamy, S.A.; Abdel-Hamid, G.; Salam, M.A.; El-Badrawy, F.; Hussein, F.H.; El-Miniawi, L.K.; German, J. III and Abul-Dahab, Y.: Genetic studies in rare limb malformations in Egyptian children. *Med. Journal, Cairo, Univ.*, 49 (1): 71-86 (1981).
56. Temtamy, S.A.: Classification of hand malformations as isolated defects: An overview *J. Genet Humaine*, 30 (4): 281-290 (1982). Inaugural Lecture.

57. El-Nahas, S.; Temtamy, S.A.; and de-Hondt, H. A.: Cytogenetic effects of two antimonial antibilharzial drugs. Tartar emetic and Bilharcid. *Environmental Mutagenesis*, 4: 83-91 (1982).
58. Temtamy, S.A.; El-Mazni, A.; Hussein, F.H.; Salam, M.A.; Moussa, A.A.; Zaki, M.E. and El-Miniawi, L.K.: The diagnostic significance of dermatoglyphics in certain birth defects. *Progress in Dermatoglyphics Research*. Alan R. Liss Inc., New York, USA, 393-420 (1982).
59. Sharaf, A.A.; Temtamy, S.A.; de Hondt, H.A.; Belal, M.H. and Kassem E.A.: Effect of aldicarb (Temik), A carbamate insecticide, on chromosomes of the laboratory rat. *Egypt. J. Genet. Cytol.* II, 143-151 (1982).
60. Temtamy, S.A.; De-Hondt, H.A.; El-Ghor, A.: Effect of Novalgin on chromosomes of *Rattus norvegicus*. *Egypt. J. of Genetics & Cytology* II, 105-111 (1982).
61. Salam M.A.; Temtamy, S.A.; Ghaly, I.; El-Awady, M. and El-Miniawy, L.: Familial intersex disorders *Gaz. Egypt. Pediatric Assoc.* 31 (3-4): 7-17 (1983).
62. Ghaly, I.; Temtamy, S.A.; Abdel-Salam. M.A.; Salem, S. and El-Awady, M.: Some hormonal studies in disorders of intersex. *Gaz. Egypt. Pediatric Assn.* 31: 51-60 (1983).
63. De Hondt, H.A.; Temtamy, S.A.; and Abd El Aziz, K.B.: Chromosomal studies on laboratory rats (*Rattus Norvegicus*) exposed to an organic solvent (Cyclohexanone) *Egypt. J. Genet. Cytol.* 12: 431-440 (1983).
64. Salam, M.A.; Temtamy, S.A.; Aly, A.M.M. and Moheidin, O.: Chromosomal analysis in the diagnosis of occupational exposure to radiation. *Proceedings 2<sup>nd</sup> Mediterranean Conference of Genetics*, P. 735-750 (1984).
65. El-Awady, M.K.; Salam, M.A. and Temtamy, S.A.: Deficient 5 $\alpha$ -reductase due to mutant enzyme with reduced affinity to steroid substrate. *Enzyme* 32: 116-125 (1984).
66. De Hondt, H.A.; Temtamy, S.A. and El Ghor, A.A.: Effect of Voltaren on chromosomes and mitosis in the bone-marrow of mice. *Egypt J. Environm. Mutagenesis Teratogenesis and carcinogenesis.* 1: 7-19 (1985).
67. Temtamy, S.A.: The Genetics of hand malformations, Updated. *Congenital Anomalies*, Vol. 25, No. 1, 73-92 (1985). Inaugural Lecture. The Japanes Teratological Society, Tokyo, Japan.

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