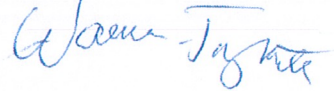


**CONSTANTIN IONESCU-TIRGOVISTE, M.D., Ph.D.**  
**Curriculum Vitae**



**PERSONAL DATA:**

Date and Place of Birth: November 11, 1937, Tirgoviste, Romania  
Address: 24 Comandor Eugen Botez Street, Bucharest 2  
Professional Address: Institute of Diabetes, Nutrition and Metabolic Diseases "N. Paulescu", Centre of Diabetes "Ion Pavel", 12 I.L. Caragiale Street, Bucharest 2;  
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**PROFESSIONAL DATA:**

Present Position :Professor at the University of Medicine and Pharmacy "Carol Davila", Bucharest, Romania (1999 to date)  
Director (1997 – 2006) Institute of Diabetes, Nutrition and Metabolic Disease "N. Paulescu", Bucharest  
President (2001 – 2003) of the Romanian Society of Diabetes, Nutrition and Metabolic Diseases  
President of the Romanian Medical Association (2005 – present)  
Member of the Romanian Academy – Since 2003

1972 – 1994 – Assistant, then Consultant at the University of Medicine and Pharmacy "Carol Davila", Bucharest, Romania and Department of Diabetes, Nutrition and Metabolic Diseases, Institute of Diabetes, Nutrition and Metabolic Disease "N. Paulescu", Bucharest  
1994 – 1999 – Associate Professor - The same location as above

**PARTICIPATION IN INTERNATIONAL COMMITTEES:**

WHO EXPERT in diabetic neuropathy as well as co-author of a progress report on these complications, 1985  
The Bucharest-Dusseldorf programme for the education and intensive treatment of patients with type 1 diabetes mellitus, 1987-1989  
EURODIAB a, the epidemiology of type 1 diabetes mellitus (0-14 years), 1989-1991  
DIAMOND – the epidemiology of type 1 diabetes mellitus, 1991- to date  
The NEURODIAB affiliate group for the study of diabetic neuropathy, 1991  
The Computer assisted study of abdominal pain, 1990-1992  
The Group for the study and management of stress, 1992  
The GETREM study of the transient remission of type 1 diabetes mellitus, 1992 to date  
The EUCLID study – the therapeutical effects of lisinopril on the renal complications of type 1 diabetes mellitus, 1992 to date  
European community report in the scientific commission for the evaluation of east-west research projects, 1992

#### MAJOR BOOKS PUBLISHED:

- C. Ionescu-Tirgoviste (co) Paulescu and Collip: Insulin's Unsung Heroes. Ed. Ilex, 2008
- C. Ionescu-Tirgoviste (co) « Les relations franco-roumaines de diabétologie », 2006
- C. Ionescu-Tirgoviste (ed) "Documents regarding the discovery of insulin and its clinical utilization" – Romanian Academy Publishing House 2005
- C. Ionescu-Tirgoviste (ed.), "Paulescu" Textbook of Diabetes – Romanian Academy Publishing House 2004
- C. Ionescu-Tirgoviste (ed), "Phenotype Aspects in Female Diabetic Patients", Ilex Ed., Bucharest, 2002.
- C. Ionescu-Tirgoviste, "Diabetes in Romania", Brilliant Ed., Bucharest, 2001.
- C. Ionescu-Tirgoviste, "Metabolic syndrome" in "News in Cardiology", Eds. Gherasim L., Apetrei E., Editura Medicala, Bucharest, 1998.
- C. Ionescu-Tirgoviste et al, "Modern Diabetology", Tehnical Ed., Bucharest, 1997.
- C. Ionescu-Tirgoviste, "The Re-Discovery of Insulin", Genezis Ed., Bucharest, 1996.
- C. Ionescu-Tirgoviste, "Insulin, the Discovery of the Century Belongs to the Romanian N.C.Paulescu", Genezis Ed., Bucharest, 1996.
- C. Ionescu-Tirgoviste et al, "The Hypoglycemias", Medical Ed., 1990.
- C. Ionescu-Tirgoviste et al, "Biochemical Bases of Nutrition" – 1985
- C. Ionescu-Tirgoviste et al, "Mineral Substances in Alimentation" – 1982
- C. Ionescu-Tirgoviste et al, "Necessity and Excess in Food Intake" – 1981
- C. Ionescu-Tirgoviste et al, "Acid-Base Balance" – 1978
- C. Ionescu-Tirgoviste et al, "Hyperosmolar States" – 1974
- C. Ionescu-Tirgoviste et al, "Renal Hypertension" – 1971

PAPERS PUBLISHED IN INTERNATIONAL JOURNALS: 75 related to Diabetes, Nutrition and Metabolic Diseases

PAPERS PRESENTED IN INTERNATIONAL CONGRESSES: 130 (with abstracts published in the Abstract book)

PATENTS: 5 patents, with 3 practical applications

#### **Selected published papers:**

##### **Papers published in peer-Reviewed Journals**

1. Ionescu-Tirgoviste C., Mincu I. The study of potassium metabolism in terms of the gravity of ketoacidosis. Comments with references to 1000 cases. 10th Annual Meeting of EASD, Jerusalem, 10-16 Sept. 1974.
2. Ionescu-Tirgoviste C., Mincu I. Classification of diabetic ketoacidosis. Rev Roum Med Int 13: 227-234, 1975
3. Ionescu-Tirgoviste C., Stănescu J., Cheța D. și col. Hypoglycemic mechanism of acupuncture point Spleen-Pancreas 6. Am J Acupuncture 3: 18-33, 1975

4. Ionescu-Tîrgoviște C., Mincu I., Stănescu J. The incidence of hyperlipoproteinemia (HLP) in different forms of diabetes mellitus. *Diabetologia*, 11: 352, 1975. Impact factor 6.206
5. Ionescu-Tîrgoviște C., Mincu I. Le rythme d'administration intraveineuse du potassium. *La Nouvelle Presse Médicale*, 4: 189, 1975
6. Ionescu-Tîrgoviște C., Ligia Simionescu, Elena Popa, Cheța D. La secretion endocrine pancreatique et ses rapports avec certains points cutanes actifs. *Journal of Kyoto Pain Control Institute*, 6: 30: 36(102)-47(113), 1975
7. Mincu I., Ionescu-Tîrgoviște C., Stănescu J., Boboia D. și col. The epidemiology of hyperlipoproteinemia in a romanian general population sample. Study of 7085 cases. *Diabete & Metab* 2: 171-182. 1976. Impact factor 1.54
8. Ionescu-Tîrgoviște C., Cheța D., Elena Popa, Mincu I. Le role de l'obesité dans l'etiopathogenie du diabete sucre. *Medecine et Nutrition*, 12: 97-106, 1976.
9. Mincu I., Ionescu-Tîrgoviște C. Route and rate of insulin administration in diabetic ketoacidosis (Lettre). *Lancet* 2, 746, 1976. Impact factor 2.06
10. Ionescu-Tîrgoviște C., Mincu I. The study of potassium metabolism in terms of the gravity of ketoacidosis. Comments with refrence to 1000 cases. *Rev. Rom. Med. - Endocrinologie* 14: 13-22, 1976.
11. Ionescu-Tîrgoviște C., Simionescu L., Popa E., Cheța D. La secretion endocrine pancreatique et ses raports avec certains points cutanes actifs. *Rev. Franc. d'Acupuncture*, 2: 41-55, 1976.
12. Mincu I., Ionescu-Tîrgoviște C., Cheța D., Georgesco M. Etude sur les hyperlipoproteinemies dans le diabete sucre. (Journées annuelles de diabetologie de l'Hotel-Dieu 12-14 mai 1977. Flammarion Medecine - Sciences p. 210-227.
13. Ionescu-Tîrgoviște C., Mincu I. Our experience in the insulin treatment of diabetic ketoacidosis. *Rev. Roum. Med. Int.* 15: 281-287, 1977
14. Ionescu-Tîrgoviște C., Bogathy I., Stamoran M., Mincu I. Study of plasma osmolarity during the treatment of diabetic ketoacidosis. *Rev Roum Med Int* 17: 69-76, 1977.
15. Ionescu-Tîrgoviște C., Mincu I. Le traitement insulinique dans les acido-cetoses diabetique. (Lettre), *La Nouvelle Presse Mdicale* 6: 1884, 1977
16. Ionescu-Tîrgoviște C., Mincu I., Stănescu J, Popa E, Ghișe-Ber E., Cheța D, Mihalache N, Georgescu M. La frequence des hyperlypoproteinemies dans le diabetes sucre. *Medecine et Nutrition* 13:115-122, 1977
17. Ionescu-Tîrgoviște C., Mincu I. Osmolarity of the solutions used in the treatment of diabetic ketoacidosis. *Symposium on Diabetes, Siofok*, 8 Oct. 1977.
18. Ionescu-Tîrgoviște C., Georgescu M., Cheța D., Mincu I. The significance of hyperlipoproteinemia (HLP) in newly discovered diabetes mellitus. *XI Karlsburger Symposium uber Diabetesfragen*, 8-11 June 1977, (D.D.R.), p. 253-258.
19. Ionescu-Tîrgoviște C., Bruckner I., Ioiart R., Cheța D., Skuodite D., Herdea M., Mincu I. *Metabolicka laktacidoza - Metabolic lactic Ketoacidosis*. *Diabetologia Croatica* 7: 381-387, 1978. Impact factor 0.47
20. Ionescu-Tîrgoviște C., Cheța D., Ioiart R., Mincu I. *Metabolische Azidose bei chronischer Niereninsuffizienz unterschiedlicher Atiologie*. *Zschr. Inn. Med.* 33: 19-23, 1978
21. Ionescu-Tîrgoviște C., Mihalache N., Cheța D., Popa E., Mincu I. The glucose/lactate (G/L) molar ratio as indicator of metabolic vulnerability to lactic acidosis. *Symp. uber orale Antidiabetika, Dresden (D.D.R)*, 12-14 June 1978.
22. Ionescu-Tîrgoviște C, Cheța D, Sîntu E, Bruckner I, Mincu I. Pathophysiological and therapeutic particularities of the inaugural diabetic ketoacidosis. *Diabetologia* 14:252, 1978 (Abstract); Impact factor 6.206
23. Ionescu-Tîrgoviște C. Clinical and biological criteria for appraising pancreatic reserve in diabetics. *X-th Karlsburg Symposium on Problems of Diabets* 9-12. IX. 1979.

24. Mincu I., Ionescu-Tîrgoviște C., Cheța D., Babeș A. Le role de l'apport de glucose dans le traitement de la ceto-acidose diabetique severe. *Gazette Medicale de France*, 86, 1665-1670, 1979.
25. Mincu I., Ionescu-Tîrgoviște C. Half-life and hypoglycemic effect of insulin administred intravenously. 10-th Congress of IDF, Vienna 9-14 sept. 1979.
26. Ionescu-Tîrgoviște C., Mincu I., Mihalache N., Dida C. și col. Metabolic "responders" and "nonresponders" to muscular exercise in diabetics. 10-th Congress of IDF Vienna, 9-14. IX. 1979.
27. Ionescu-Tîrgoviște C., Cheța D. Misleading hyponatraemia in hyperlipaemic states (Letter). *Lancet*, 1: 212, 1980. Impact factor 2.06
28. Ionescu-Tîrgoviște C., Mincu I., Cheța D. Relationship between the Concentration of H<sup>+</sup> ions and the efficiency of insulin in the treatment of diabetic ketoacidosis. *Endokrinologie* 76: 171-180, 1980.
29. Ionescu-Tîrgoviște C., Popa E., Cheța D. Delayed menarche as indicator of a prediabetic state. Letter to the editor. *Diabetologia*, 20: 510-511, 1981. Impact factor 6.206
30. Ionescu-Tîrgoviște C., Mirodon Z., Cheța D., Sîntu E., Mincu I. Disappearance rate of insulin antibodies after discontinuing the insulin treatment. (Abstract) *Diabetologia* 21: 285, 1981.
31. Mincu I., Ionescu-Tîrgoviște C., Popa E., Sîntu I. Impaired glucose tolerance after 5,2 years Evolution Study based on the Bucharest Survey of 517 cases. *Diabetologia* 21: 305, 1981.
32. Mincu I., Cheța D., Ionescu-Tîrgoviște C., Sîntu E., Mirodon Z. Insulin antibodies. Letter to the editor. *Diabetologia* 21: 75, 1981. Impact factor 6.206
33. Mincu I., Ionescu-Tîrgoviște C., Sîntu E., Cheța D., Lacătuș D. The renal complications of juvenile diabetes mellitus. Study of 336 casses. *Deutsche Gesundheitswesen* 37: 290-292, 1982.
34. Ionescu-Tîrgoviște C., Mincu I., Popa E., Stamoran., Cheța D., Danciu A. Plasma osmolarity in severe diabetic ketoacidosis. Importance of the choice of rehydration solutions. (Abstract) *Diabetologia* 23: 145, 1982. Impact factor 6.206
35. Mincu I, Ionescu-Tîrgoviște C, Cheța D, Bruckner I, Popa E, Babeș A. Study of the causes, biochemical pictures and consequences of hypoglycemic coma. *Diabetologia* 23:176, 1982 (Abstract) Impact factor 6.206
36. Ionescu -Tîrgoviște C., Popa E., Sîntu E., Mihalache N., Cheța D., Mincu I. Blood glucose and plasma insulin responses to various carbohydrates in type 2 (non-inuslin-dependent) diabetes. *Diabetologia*, 24: 80-84, 1983. Impact factor 6.206
37. Ionescu-Tîrgoviște C., Mincu I., Dumitrescu C., Danciu A., Mihalache N., Cheța D. The characteristics of severe diabetic ketoacidosis occuring before and after 60 years of age. *Diabetologia* 25: 166, 1983. Impact factor 6.206
38. Mincu I., Cheța D., Truia C.I., Truia M., Ionescu-Tîrgoviște C., Ilinca D. Testing histocompatibility antigens (loci A and B) in a group of type 1 diabetic patients in Bucharest. *Diabetologia* 25: 181, 1983. Impact factor 6.206
39. Ionescu-Tîrgoviște C., Mincu I., Simionescu M., Cheța D., Mirodon Z., Sîntu E., Popa E., Barnea A. Disappearance rate of insulin antibodies after discontinuing insulin treatment in 32 type 2 (non-insulin-dependent) diabtic patiens. *Diabetologia* 27: 592-595, 1984. Impact factor 6.206
40. Mincu I., Cheța D., Truia C.I., Ionescu-Tîrgoviște C., Ilinca D. Testing histocompatibility antigens (loci A and B) in a group of type I (insulin-dependent) diabetic patiens in Bucharest. *Rev Roum Med - Med Int* 23: 207-211.1985.
41. Dumitrescu C., Cheța D., Stoica Gh. Ionescu-Tîrgoviște C., Sîntu E., Mincu I. Early renal involvement in type 1 diabetes mellitus. *Diabetes Research and Clinical Practice Suppl.* 1: 145, 1985. Impact factor 2.54

42. Cheța D., Stoica G., Dumitrescu C., Perciun R., Ionescu-Tîrgoviște C., Cheța N., Roman C., Nicolau A., Herdea A., Michiu V., Mincu I. Is Microalbuminuria a different problem for type 1 and type 2 diabetes mellitus? *Diabetes Research and Clinical Practice*, Suppl. 1: 597, 1985. Impact factor 2.54
43. Ionescu-Tîrgoviște C., Mincu I., Dumitrescu C., Cheța D., Bruckner I., Popa E., Costea M. Education program for type 1 diabetic patients. Reevaluation of some classical data on dietotherapy. *Diabetes Research and Clinical Practice*, Suppl. 1: 260, 1985. Impact factor 2.54
44. Mincu I., Ionescu-Tîrgoviște C., Dumitrescu C., Cheța D., Popa E., Stăchinariu R. Secondary insulin-dependent: type 1 or type 2 Diabetes. *Diabetes Research and Clinical Practice* Suppl.1: 381, 1985. Impact factor 2.54
45. Ionescu-Tîrgoviște C., Cheța D., Truia C.I., Truia M., Mirodon Z., Ilinca D., Cheța N., Mincu I. Correlations between insulin antibodies and the HLA system in a group of type I diabetic patients in Bucharest. *Rev Roum Med - Med Int* 24: 11-17, 1986.
46. Muhlhauser I., Bruckner I., Berger M., Cheța D., Jorgens V., Ionescu-Tîrgoviște C., Scholz V., Mincu I. Evaluation of an intensified insulin treatment and teaching programme as routine management of type 1 (Insulin-dependent) diabetics. The Bucharest-Dusseldorf Study. *Diabetologia* 30: 681-690, 1986. Impact factor 6.206
47. Mincu I., Muhlhauser I., Cheța D., Ionescu-Tîrgoviște C., Bruckner I., Scholz V., Jorgens V., Berger M. Improvement of metabolic control, reduction of ketoacidosis and mortality in type 1 (Insulin-dependent) diabetic patients by an intensive treatment and teaching programme. The Bucharest-Dusseldorf Study. *Diabetologia* 29: 571, 1986. Impact factor 6.206
48. Mincu I., Ionescu-Tîrgoviște C. Nutritional implications of the diabetic neuropathy. *Bibliotheca Nutr. Dieta Kargel Basel* No. 38, 182-193, 1986.
49. Scholz V., Muhlhauser I., Jurgens V., Kronsbein P., Berger M., Bruckner I., Cheța D., Ionescu-Tîrgoviște C., Mincu I. Die Dusseldorf-Bukarest Studie: Eine kontrollierte Untersuchung zur Effectivitat eines Behandlungs - und Schulungsprogramme fur Patienten mit Typ I Diabetes. 21 Hahrestagung der Deutschen Diabetes Gessellschaft, Paderbom, 8-10 mai 1986.
50. Ionescu-Tîrgoviște C., Mirodon Z., Cheța D., Sîntu E., Simionescu M., Nicolau A., Mincu I. Comparative study of insulin antibodies in diabetic patients with primary and secondary insulin-dependence. *Diabetologia* 30:534 A, 1987. Impact factor 6.206
51. Băjenaru O., Ionescu-Tîrgoviște C. Relation between vibration threshold and deep perception threshold to an electrical stimulus applied in lower limbs in diabetic patients (Abstract) *Diabetes Res Clin Pract*, Suppl. 1:930, 1987. Impact factor 2.54
52. Muhlhauser I., Bruckner I., Berger M., Cheța D., Jorgens V., Ionescu-Tîrgoviște C., Scholz and Mincu I. Evaluation of an intensified insulina treatment and teaching programmes as routine management of type 1 (insulin-dependent) diabetes. *Diabetologia* 30: 681-690, 1987.
53. Ionescu-Tîrgoviște C., Prună S., Băjenaru O., Cheța D. and Mincu I. The perception threshold to an electrical stimulus deeply applied in the lower limbs in normal and diabetic subjects. *Diabetes Reseach and Clinical Practice* 3: 249-256, 1987. Impact factor 2.54
54. Ionescu-Tîrgoviște C., Prună S., Costea M., Cheța D. and Mincu I. The signification of stress in the etiopathogenesis of type II diabetes mellitus. *Stress Medicine* 3: 277-284, 1987.
55. Ionescu-Tîrgoviște C., Iosif M., Prună S., Comănescu L. The evaluation of vibratory sensitivity-method for the early diagnosis of diabetic neuropathy. *Diabetologia* 18: 9-13, 1988. Impact factor 6.206

56. Mincu I., Ionescu-Tîrgoviște C., Lichiardopol R. Prospective Study of Glycoregulation in women gave newborns with macrosomia. *Diabetes Research and Clinical Practice*, Suppl. 1: 4, 1988. Impact factor 2.54
57. Ionescu-Tîrgoviște C., Prună S., Mincu I. Quantitative evaluation of automic nervous dysfunction in diabetic patients. *Diabetes Research and Clinical Practice* 1: Suppl. 1: 34, 1988. Impact factor 2.54
58. Ionescu-Tîrgoviște C, Prună S, Mincu I. Non invasive indirect measurement of the peripheral autonomic conduction velocity in diabetic patients and non-diabetic control subjects. *Diabetologia* 31:503 A, 1988 Impact factor 6.206
59. Ionescu-Tîrgoviște C., Iosif M., Prună S., Comănescu I., Calotescu I., Dumitru M., Bordei L., Mincu I. The evaluation of vibratory sensitivity - method for the early diagnosis of diabetic neuropathy. *Diabetologia Croatica*, 18-1, 1989, 9-13.
60. Ionescu-Tîrgoviște C., No relationship between insulin antibodies and hypoglycaemia in insulin treated diabetic patients. *EASD*, Lisbon, Portugal, 1989
61. Cheța D, Dumitrescu C, Georgescu M, Cocioabă G, Lichiardopol R, Stamoran M, Ionescu-Tîrgoviște C, Păunescu-Georgescu M, Mincu I. A study of the types of diabetes mellitus in first degree relatives of diabetic patients. *Diabet&Metab* 16:11-15, 1990 Impact factor 1.54
62. Ionescu-Tîrgoviște C., Prună S Quantitative noninvasive electrophysiological evaluation of the activity of the cutaneous division of the sympathetic nervous system. *Archives Internationales de Physiologie et de Biochimie* 98, 111-119,1990 Impact factor 1.53
63. Ionescu-Tîrgoviște C., Prună S., Mincu I. Painful versus non-painful somato-sensitive peripheral diabetic neuropathy. Abstract No. 912, *Pain*, Suppl. 5: p. 469,1990
64. Ionescu-Tîrgoviște C., Prună S. and Mincu I. Peripheral sympathetic neuropathy evaluated by recording the evoked electrodermal response using an impedance reactometer. *Diabetes Research and Clinical Practice* 9: 201-209, 1990. Impact factor 2.54
65. Ionescu-Tîrgoviște C., Iosif M., Prună S. Quantiative evaluation of the vibration and thermal perception thershold in diabetic and non-diabetic subjects. *Diabetologia Croatica*, 19: 181-185, 1990.
66. Ionescu-Tîrgoviște C. and Prună S. Quantiative noninvasive electrophysiological evaluation of the activity of the cutaneous division of the sympathhetic nervous system. *Arch Int de Physio Bioch*, 98: 111-119, 1990. Impact factor 1.53
67. Ionescu-Tîrgoviște C., Sîntu S., Cheța D., Mincu I. Incidence of childhood (0-14 years) type I (insulin-dependent) diabetes in the period 1980-1989 in Bucharest. *Diabetes* 40, suppl 1, 373 A (Abstr. 1490), 1991 Impact factor 8.095
68. Ionescu-Tîrgoviște C. Reproducibility of a standard test meal in type 2 diabetic patients. Letter to the Editor. *Klini Wochenschr* 69: 91, 1991. Impact factor 0.32
69. Ionescu-Tîrgoviște C., Cheța D (în colectiv). Familial insulin-dependent diabetes mellitus (IDDM) epidemiology: standardization of data for the DIAMOND Project. The WHO Multinational Project for Childhood Diabetes Group. *Bull. World Health Organization* 69: 767-777, 1991.
70. Ionescu-Tirgoviște C., Prună S. The pattern of the elctrodermal activity as indicator of stress related reaction. *Rom J Physiol* 30: 207- 218, 1993.
71. Ionescu-Tirgoviște C., Prună S., Pătrașcu M., Baltă C., Baltă S., Mincu I. Diabetic gangrene: medical and surgical causes and concequences. *Rev Roum Med Int* 31:213-221, 1993. .
72. Ionescu-Tirgoviște C., Moldovan A., Mirodon Z, Georgescu M, Loreta Ionescu, Tinu A-M. Insulin resistance: the link between Impaired Glucose Tolerance, Body Mass Index and Plasma Lipids. *Rev Roum Med Int* 31: 237-243,1993.

73. Ionescu-Tîrgoviște C, Paterache E, Cheța D, Farcașiu E, Serafinceanu C, Mincu I. Epidemiology of diabetes in Bucharest. *Diabetic Med* 11:413-417, 1994 Impact factor 3.152
74. Ionescu-Tîrgoviște C. (România) in: "Complications Study Group WHO Multinational Study Group: Microalbuminuria is not rare before 5 years of IDDM. *J. Diabetic Complications* 8: 166-173, 1994. Impact factor 1.25
75. Browne P.D., Amodeo B.M., De Leeuw I., Ducaju M.V.L., Ionescu-Tîrgoviște C., Kolouskova S., Lampeter E., Linn T., Ludvigsson J., Madaksy A., Yilmaz T. and Pozzilli P. (GETREM Study Group). A multicenter European study for the evaluation of spontaneous clinical remission in IDDM. (Abstract). *Diabetologia* 30: Suppl. 1, A100, 1995. Impact factor 6.206
76. Ionescu-Tîrgoviște C., Stanciu E., Voitec M., Curelet-Bălan Gand, Prună S. Informatic assistance for the diagnosis and therapy of diabetic neuropathy in: Hotta și col. (Eds.) *Diabetic neuropathy: new concepts and insights*, Elsevier, pp. 329-333, 1995.
77. Ionescu-Tîrgoviște C. (Study leader), Dragomirescu C., Nicolau A. (Romania) in: Levy-Marchal, Patterson C., Green A. on the behalf of the Eurodiab Study Group. Variation by age group and seasonality of childhood IDDM in Europe. *Diabetologia* 38: 823-830, 1995.
78. Ionescu-Tîrgoviște C, *The Re-Discovery of Insulin*. Ed. Geneze, Bucharest, 1996.
79. Ionescu-Tîrgoviște C., Preoteasa E.A., Ionescu I., Georgescu R. și Grecu V.V. Fluidity, lipid-protein interactions and fatty acids of erythrocytes in diabetics. IUPAB Congress, 1996.
80. Ionescu-Tîrgoviște C., Băjenaru O., Mirodon Z., Panea C. and Ferariu I. Insulin resistance/ hyperinsulinaemia is the main biochemical feature in patients with cerebrovascular damage. (Abstract) *Diabetologia*, 1996. Impact factor 6.206
81. Ionescu-Tîrgoviște C. The frequency of painful and painless diabetic neuropathy. 8<sup>th</sup> World Congress on Pain, Vancouver, BC Canada, 1996.
82. Ionescu-Tîrgoviște C. Painless myocardial infarction associated with cardiac autonomic neuropathy. 8<sup>th</sup> World Congress on Pain, Vancouver, BC Canada, 1996.
83. Ionescu-Tîrgoviște C., Dumitrescu C., Dumitrescu G., and Prună S. Neuromuscular excitability in diabetic patients. VI-th Neurodiab Meeting, Baden, 1<sup>st</sup> sept., 1996.
84. Ionescu-Tîrgoviște C. Insulin, the molecule of the century. *Archives of Physiology and Biochemistry* 104: 1-7, 1996. Impact factor 1.536
85. Ionescu-Tîrgoviște C, Prună S., Pătrașcu I., Avram D., Ferariu I., Nwabudike L.C. and Voitec M. BlackSeaDiab Foot Amputation Study: Bucharest background data analysis for cases recorded in 1990 and 1995. *Diab Nutr Metab* 10 (Suppl 1): 47, 1997. Impact factor 1
86. Ionescu-Tîrgoviște C., Prună S., Pătrașcu E., Avram D. și Nwabudike L.C. Awareness of risk for foot gangrene is powerful raised by the finding of an abnormal electrophysiological parameter. 4<sup>th</sup> Int. Neurodiab Meeting, Amstredam, 15-19 July, 1997.
87. Bârnea A, Limbășanu I, Ionescu-Tîrgoviște C. Trends of metabolic emergencies admitted in centralised intensive care unit for diabetic patients. *Diabetologia* 40[Suppl 1]: A183, 1997 (Abstract) Impact factor 6.206
88. Serafinceanu C, Ferariu I, Mogoș T, Străchinariu R, Ionescu-Tîrgoviște C. Glomerular filtration rate and microalbuminuria in newly diagnosed IDDM patients. *Diabetologia* 40[Suppl 1]: A531, 1997 (Abstract) Impact factor 6.206
89. Moța M, Koprivarova K, Anestiade Y, Panteleeva E, Toma E, Pănuș C, Ionescu-Tîrgoviște C. First BlackSeaDiab summer camp for children with diabetes. *Diabetologia* 40[Suppl 1]: A628, 1997 (Abstract) Impact factor 6.206
90. Stanciu E, Ionescu-Tîrgoviște C, Prună S, Bejan S, Răchiteanu G, Cazacu I, Mincu I. BlackSeaDiab regional European information network aiming at a better diabetes care in

- the countries of the Black Sea region. *Diabetologia* 40[Suppl 1]: A644, 1997 (Abstract) Impact factor 6.206
91. Ionescu-Tîrgoviște C, Farcașiu E, Cazacu I, Florea R. Half century trends in mortality among insulin dependent diabetes mellitus patients with onset before 15 years of age. *Diabetologia* 40[Suppl 1]: A649, 1997 (Abstract) Impact factor 6.206
  92. Prună S, Ionescu-Tîrgoviște C. Tele-Diab sending electronic patient records via e-mail. *Diabetologia* 40[Suppl 1]: A651, 1997 (Abstract) Impact factor 6.206
  93. Esposito L, Hill NJ, Pritchard LE, Cucca F, Muxworthy C, Merriman ME, Wilson A, Julier C, Delepine M, Tuomilehto J, Tuomilehto-Wolf E, Ionescu-Tîrgoviște C, Nistico L, the IMDIAB Group, Buzzeti R, Pozzilli P, Ferrari M, Bosi E, Pociot F, Nerup J, Bain SC, Todd JA. Analysis of putative loci IDDM7, IDDM12 and IDDM13 and candidate genes NRAMP1 and IA-2 and the interleukin-1 gene cluster. *Diabetes* 47:1797-1800, 1998 Impact factor 8.095
  94. Hodeanu A, Hera A, Hudiță D, Ionescu-Tîrgoviște C. The outcome of diabetic pregnancy in a centralized system of diabetes care. *Diabetologia* 41[Suppl 1]: A258, 1998 (Abstract)
  95. Ionescu-Tîrgoviște C. Proposal for a new classification of diabetes mellitus. *Rev Roum Med Int* 36: 121-134, 1998.
  96. EURODIAB ACE Substudy 2 Study Group. Vitamin D supplement for type 1 diabetes in childhood. *Diabetologia* 41 (Suppl 1), 1998. Impact factor 6.206
  97. EURODIAB IDDM Study Group. Familial risk of type 1 diabetes in European children. *Diabetologia* 41: 1151-1156, 1998. Impact factor 6.206
  98. Ionescu-Tîrgoviște C, Guja C, Ionescu L, Farcașiu E. type 1 Diabetes is not an age related disease. *Diabetes* 48:[Suppl 1], A393, (Abstract), 1999 Impact factor 8.095
  99. Ionescu-Tîrgoviște C., Șerban V., Guja C., Moța M., Crețeanu G., Călin A., Moroșanu M., Ferariu I., Halmagy I., Cristescu J., Strugariu M., Mînescu A., Barbul R. Very low incidence of type 1 diabetes in children in Romania. *Diabetologia* 42:[Suppl 1] A 85, (Abstract), 1999
  100. Guja C., Todd J.A., Welsh K., Marshall S., Ionescu-Tîrgoviște C. Increased transmission of Intercellular Adhesion Molecule-1 469E allele in type 1 Romanian diabetic families. *Diabetologia* 42:[Suppl 1] A 90, (Abstract) 1999 Impact factor 6.206
  101. Ionescu-Tîrgoviște C, Ionescu L, Călin A, Farcașiu E, Șerban V and the Romanian Childhood Diabetes Study Group. An increasing trend in incidence of type 1 diabetes mellitus (T1DM) in Romanian children below the age of 15. Ten years EURODIAB Study 1988-1997. The 2nd World Congress on Prevention of Diabetes and its Complications, Fiuggi (Rome), Abstract Book: pp 30 (Abstract), 1999
  102. Guja C, Bunce M, Welsh K, Marshall S, Ionescu-Tîrgoviște C, Todd JA. The study of IDDM1 – HLA DQ alleles in Romanian type 1 diabetic families. The 4th Immunology of Diabetes Society Congress, Fiuggi (Rome), Abstract Book, pp 50 (Abstract), 1999
  103. Ionescu-Tîrgoviște C. and the EURODIAB Study Group. Abnormalities of nerve conduction velocity are related to other microvascular complications in type 1 diabetic subjects without clinically detectable diabetic neuropathy. *Diabetes*, June 13, 2000. Impact factor 8.095
  104. Tesfaye S, Ionescu-Tîrgoviște C. and the EURODIAB Study Group. Cardiovascular risk factors predict the development of diabetic peripheral neuropathy. *Diabetes*, June 13, 2000.
  105. Guja C, Marshall S, Welsh K, Todd JA, Ionescu-Tîrgoviște C. The study of IDDM2 (Ins-VNTR polymorphisms) in Romanian T1DM families. *Diabetes* 49:[Suppl 1], pp A397, 2000 (Abstract) Impact factor 8.095
  106. Ionescu-Tîrgoviște C, Farcașiu E, Guja C, Konnert A-M. Familial type I diabetes is not associated with a specific clinical phenotype. *Diabetes* 49[Suppl 1]: A344, 2000 (Abstract)



107. EURODIAB ACE Study Group. Variation and trends in incidence of childhood diabetes in Europe. *The Lancet*, vol.355, March 11, 2000. Impact factor 2.06
108. EURODIAB Substudy 2 Study Group. Infections and vaccinations as risk factors for childhood type 1 (insulin-dependent) diabetes mellitus : a multicentre case-control investigation. *Diabetologia* 43:47-53. 2000 Impact factor 6.206
109. Guja C, Todd JA, Smith A, Welsh K, Marshall S, Ionescu-Tîrgoviște C. Analysis of the CTLA-4 and vitamin D receptor gene polymorphisms in Romanian type 1 diabetic families. *Diabetologia* 43 [Suppl 1]: A7 (Abstract), 2000 Impact factor 6.206
110. Ionescu-Tîrgoviște C, Guja C, Farcașiu E, Cheța D, Străchinariu R, Vasilescu R, Cristofor C, Sima M. Both type 1 and type 2 diabetes have a strong sex related transmission of hereditary predisposition. *Diabetologia* 43 [Suppl 1]: A95 (Abstract), 2000
111. Ionescu-Tîrgoviște C, Guja C, Călin A, Moța M. Incidence of type 1 diabetes mellitus in Romania in the age group 0-14 years. *Diab Res Clin Pract* 50:[Suppl 1], S210 (Abstract), 2000 Impact factor 2.538
112. Ionescu-Tîrgoviște C. and The EURODIAB Study Group. Markers of insulin resistance are strong risk factors for retinopathy incidence in type 1 diabetes. *Diabetes Care*, Vol.24, No.2, Feb.2001. Impact factor 5.55
113. Merriman TR, CordellHJ, Eaves IA, Danoy PA, Coraddu F, Barber R, Cucca F, Broadley S, Sawcer S, Compston A, Wordsworth P, Shatford J, Laval S, Jirholt J, Holmdahl R, Theofilopoulos AN, Kono DH, Tuomilehto J, Tuomilehto-Wolf J, Buzzetti R, Marrosu MG, Undlien DE, Ronningen KS, Ionescu-Tîrgoviște C, Shield JP, Pociot F, Nerup J, Jacob CO, Polychronakos C, Bain SC, Todd JA. Suggestive evidence for association of human chromosome 18q12-q21 and its orthologue on rat and mouse chromosome 18 with several autoimmune diseases. *Diabetes* 50:184-194, 2001 Impact factor 8.095
114. Ionescu-Tîrgoviște C. and The EURODIAB Study Group. Plasma lipids and urinary albumin excretion rate in type 1 diabetes mellitus: the EURODIAB IDDM Complications Study. *Diabetic Medicine*, 18:59-67, 2001. Impact factor 3.152
115. Ionescu-Tîrgoviște, Cristofor C, Guja C, Moța M, Sima M. Concordance of T1DM and T2DM in monozygotic and dizygotic twins in the Romanian population. *Diabetes* 50[Suppl 2]: A206, 2001 (Abstract) Impact factor 8.095
116. Guja C, Marshall S, Todd JA, Ionescu-Tîrgoviște C. The study of TNF receptor 2 polymorphisms in Romanian T1DM families. *Diabetes*, 50[Suppl 2]: A235, 2001 (Abstract)
117. Serafinceanu C, Ristea D, Geamănu N, Popescu G, Ionescu-Tîrgoviște C. Peritoneal dialysis in diabetic patients in Romania - 5 year experience. *Diabetes*, 50[Suppl 2]: A467, 2001 (Abstract) Impact factor 8.095
118. Orășanu G, Cheța D, Iordăchescu D, Buligescu S, Nicolae T, Negru R, Constantin C, Hassanain M, Coman A, Tică V, Enache M, Andronescu M. The influence of sodium vanadate on the diabetogenesis process in BB rat. *Diabetes*, 50[Suppl 2]: A519, 2001 (Abstract) Impact factor 8.095
119. Ionescu-Tîrgoviște C, Guja C, Herr M, Cucca F, Welsh K, Bunce M, Marshall S, Todd JA. Low frequency of HLA DRB1\*03 - DQB1\*02 and DQB1\*0302 haplotypes in Romania is consistent with the country's low incidence of type 1 diabetes. *Diabetologia*, 44[Suppl 3]: B60-B66, 2001 Impact factor 6.206
120. Ionescu-Tîrgoviște C, Guja C, Welsh K, Marshall S, Todd JA. Genetic predisposition for type 1 diabetes among unaffected first-degree relatives of diabetic patients. *Diabetologia* 44[Suppl 1]: A81, 2001 (Abstract) Impact factor 6.206
121. Guja C, Todd JA, Marshall S, Welsh K, Ionescu-Tîrgoviște C. Analysis of N acetyl transferase gene polymorphisms in Romanian type 1 diabetic families. *Diabetologia* 44[Suppl 1]: A83, 2001 (Abstract) Impact factor 6.206

122. Filip I, Dia A, Constantinescu G, Tițan E, Lichiardopol R, Guja C, Ionescu-Tîrgoviște C. The phenotype expression in women with diabetes mellitus with or without fetal macrosomia. *Diabetologia* 44[Suppl 1]: A244, 2001 (Abstract) Impact factor 6.206
123. Guja C, Marshall S, Welsh K, Todd JA, Ionescu-Tîrgoviște C. Rolul genei insulinei în etiopatogenia diabetului zaharat de tip 1 în populația din România. *J Rom Diabetol* 8:4-11, 2001
124. Guja C, Marshall S, Welsh K, Merriman M, Smith A, Todd JA, Ionescu-Tîrgoviște C. The study of CTLA-4 and vitamin D receptor polymorphisms in the Romanian type 1 diabetes population. *J Cell Mol Med* 6:75-81, 2002 Impact factor 4.93
125. Guja C, Marshall S, Todd J, Ionescu-Tîrgoviște C. The study of TGFβ polymorphisms in Romanian T1DM families. *Diabetes* 51[Suppl 2]:A547, 2002 (Abstract); Impact factor 8.095
126. Ionescu-Tîrgoviște C, Guja C, Farcașiu E, Ioacă S, Lichiardopol R. Phenotypic characteristics of type 1 diabetes (T1DM) patients according to age at onset. *Diabetes* 51[Suppl 2]:A532, 2002 (Abstract) Impact factor 8.095
127. Farcașiu E, Moța M, Moroșanu M, Guja C, Ionescu-Tîrgoviște C. type 2 diabetes mellitus (T2DM): Clinical and biochemical characteristics of normal weight versus overweight patients. *Diabetes* 51[Suppl 2]:A225, 2002 (Abstract) Impact factor 8.095
128. Guja C, Todd JA, Welsh K, Marshall S, Ionescu-Tîrgoviște C. Interleukin 10 gene polymorphisms in Romanian type 1 diabetic families. *Diabetologia* 45[Suppl 2]:A111, 2002 (Abstract) Impact factor 6.206
129. Alexandru C, Nicoalu A, Moța M, Ceaușu I, Străchinaru R, Guja C, Ionescu-Tîrgoviște C. Trends in the outcome of diabetic pregnancies in Bucharest 1990-2000. *Diabetologia* 45[Suppl 2]:A293, 2002 (Abstract) Impact factor 6.206
130. Ioacă S, Farcașiu E, Brădescu O, Guja C, Ionescu-Tîrgoviște C. Mortality in patients with type 2 diabetes from Bucharest diabetes centre, Romania. *Diabetologia* 45[Suppl 2]:A100, 2002 (Abstract); Impact factor 6.206
131. Guja C. Diabetul de tip MODY – Un subiect de actualitate. *J Rom Diabetol* 9:5-13, 2002
132. Dahlman I, Eaves IA, Kosoy R, Morrison VA, Heward J, Gough SC, Allahabadia A, Franklyn JA, Tuomilehto J, Tuomilehto-Wolf E, Cucca F, Guja C, Ionescu-Tîrgoviște C, Stevens H, Carr P, Nutland S, McKinney P, Shield JP, Wang W, Cordell HJ, Walker N, Todd JA, Concannon P. Parameters for reliable results in genetic association studies in common disease. *Nat Genet* 30:149-50, 2002 Impact factor 29.352
133. Guja C, Marshall S, Welsh K, Todd J, Ionescu-Tîrgoviște C. The study of Manose-Binding Lectin (MBL) polymorphisms in Romanian T1DM families. *Diabetes* 52[Suppl 1]: A508, 2003 (Abstract); Impact factor 8.095.
134. Ueda H, Howson JMM, Esposito L, Heward J, Snook H, Chamberlain G, Rainbow DB, Hunter KMD, Smith AN, Di Genova G, Herr MH, Dahlman I, Payne F, Smyth D, Lowe C, Twells RCJ, Howlett S, Healy B, Nutland S, Rance HE, Everett V, Smink LJ, Lam AC, Cordell HJ, Walker NM, Bordin C, Hulme J, Motzo C, Cucca F, Hess JF, Metzker ML, Rogers J, Gregory S, Allahabadia A, Nithiyananthan R, Tuomilehto-Wolf E, Tuomilehto J, Bingley P, Gillespie KM, Undlien DE, Rønningen KS, Guja C, Ionescu-Tîrgoviște C, Savage DA, Maxwell AP, Carson DJ, Patterson CC, Franklyn JA, Clayton DG, Peterson LB, Wicker LS, Todd JA, Gough SCL. Association of the T-cell regulatory gene CTLA4 with susceptibility to autoimmune disease. *Nature* 423:506-511, 2003 Impact factor 38.138.
135. Lichiardopol R, Ionescu-Tîrgoviște C, Apetrei E, Vlădică M, Kulcsar I, Guja C, Guja L. Prevalence of glucose intolerance in a community-dwelling populational group. *Diabetes Metab* 29:4S14, 2003 (Abstract) Impact factor 1.54

136. Guja C, Marshall S, Welsh K, Todd JA, Ionescu-Tîrgoviște C. No association of TGF $\beta$  polymorphisms with T1DM genetic susceptibility in the Romanian population. *Diabetes Metab* 29:4S43, 2003 (Abstract) Impact factor 8.095
137. Ioacără S, Farcașiu E, Brădescu O, Guja C, Ionescu-Tîrgoviște C. Mortality in type 1 diabetes patients with onset after age 40 years. *Diabetologia* 46[Suppl. 2]:A116, 2003 (Abstract) Impact factor 6.206
138. Maier LM, Twells RCJ, Howson JMM, Lam AC, Clayton DG, Smyth DJ, Savage D, Carson D, Patterson CC, Smink LJ, Walker NM, Burren OS, Nutland S, Rance H, Tuomilehto-Wolf E, Tuomilehto J, Guja C, Ionescu-Tîrgoviște C, Undlien DE, Rønningen KS, Cucca F, Todd JA. Testing the possible negative association of type 1 diabetes and atopic disease by analysis of the interleukin 4 receptor gene. *Genes and Immunity* 4:469–475, 2003 Impact factor 2.65
139. Nejentsev S, Guja C, McCormack R, Cooper J, Howson JMM, Nutland S, Rance H, Walker N, Undlien D, Rønningen KS, Tuomilehto-Wolf E, Tuomilehto J, Ionescu-Tîrgoviște C, Gale EAM, Bingley PJ, Gillespie KM, Savage DA, Carson DJ, Patterson CC, Maxwell AP, Todd JA. Association of intercellular adhesion molecule-1 gene with type 1 diabetes. *Lancet* 362:1723-1724, 2003 Impact factor 2.06
140. Smyth D, Howson J, Twells R, Badhwar P, Walker N, Rance H, Barratt BJ, Savage D, Carson D, Tuomilehto-Wolf E, Tuomilehto J, Guja C, Ionescu-Tirgoviste C, Undlien D, Ronningen K, Stewart G, Todd JA. Identification of potential therapeutic targets in complex diseases: evidence for protection from type1 diabetes (T1D) by variants of CCR2 and CCR5. *Am J Hum Genet* 73:2146, 2003 (Abstract) Impact factor 6.7
141. Eftychi C, Howson JMM, Barratt B, Vella A, Payne F, Smyth DJ, Twells RCJ, Walker NM, Rance H, Tuomilehto-Wolf E, Tuomilehto J, Undlien DE, Rønningen KS, Guja C, Ionescu-Tîrgoviște C, Savage D, Todd JA. Analysis of the type 2 diabetes - associated single nucleotide polymorphisms in the genes IRS1, KCNJ11, and PPARG2 in type 1 diabetes. (2004) *Diabetes* 53:870-873; Impact factor 8.095
142. Vella A, Howson JMM, Barratt B, Twells RCJ, Rance H, Nutland S, Tuomilehto-Wolf E, Tuomilehto J, Undlien DE, Rønningen KS, Guja C, Ionescu-Tîrgoviște C, Savage D, Todd JA. Lack of association of the Ala<sup>45</sup>Thr polymorphism and other common variants of the NeuroD gene with type 1 diabetes. (2004) *Diabetes* 53:1158-1161 Impact factor 8.095
143. Lowe CE, Cooper JD, Chapman JM, Barratt BJ, Twells RCJ, Green EA, Savage DA, Guja C, Ionescu-Tîrgoviște C, Tuomilehto-Wolf E, Tuomilehto J, Todd JA, Clayton DG. Cost-effective analysis of candidate genes using htSNPs: a staged approach. (2004) *Genes and Immunity* 5:301–305 Impact factor 2.65
144. Nejentsev S, Godfrey L, Snook H, Rance H, Nutland S, Walker NM, Lam AC, Guja C, Ionescu-Tirgoviste C, Undlien DE, Ronningen KS, Tuomilehto-Wolf E, Tuomilehto J, Newport MJ, Clayton DG, Todd JA. Comparative high-resolution analysis of linkage disequilibrium and tag single nucleotide polymorphisms between populations in the vitamin D receptor gene. (2004) *Hum Mol Genet* 13:1633-1639. Impact factor 8.09
145. Guja C, Guja L, Nutland S, Rance H, Sebastien M, Todd JA, Ionescu-Tirgoviste C. type 1 diabetes genetic susceptibility encoded by HLA DQB1 genes in Romania. (2004) *J Cell Mol Med* 8:249-256. Impact factor 4.93
146. Guja C, Guja L, Nutland S, Rance H, Todd JA, Ionescu-Tîrgoviște C. Strong association of insulin gene INS -VNTR polymorphisms with type 1 diabetes in the Romanian population. (2004) *Rom J Intern Med* 42:313-323
147. Ionescu-Tîrgoviste C, Guja C, Ioacără S, Dumitrescu D, Tomescu I. Continuous glucose monitoring: physiologic and pathophysiologic significance. (2004) *Rom J Intern Med* 42:381-393

148. Ionescu-Tîrgoviște C, Gavrilă L, Brădescu OM, Guja C. NIDDM: New once-daily intervention for type 2 diabetes mellitus: Diaprel MR. (2004) *Rom J Intern Med* 42:431-440
149. Barratt BJ, Payne F, Lowe CE, Hermann R, Healy BC, Harold D, Concannon P, Gharani N, McCarthy MI, Olavesen MG, McCormack R, Guja C, Ionescu-Tîrgoviste C, Undlien DE, Ronningen KS, Gillespie KM, Tuomilehto-Wolf E, Tuomilehto J, Bennett ST, Clayton DG, Cordell HJ, Todd JA. Remapping the Insulin Gene/IDDM2 locus in type 1 diabetes. (2004) *Diabetes* 53:1884-1889. Impact factor 8.095
150. Ionescu-Tîrgoviște C, Guja C, Călin A, Moța M. An increasing trend in the incidence of type 1 diabetes in children aged 0 – 14 years in Romania. Ten years (1988 – 1997) EURODIAB study experience. *J Ped Endocrinol Metab* 17:983-991, 2004. Impact factor 0.91
151. Vella A, Smyth D, Cooper JD, Tuomilehto-Wolf E, Tuomilehto J, Undlien DE, Rønningen KS, Guja C, Ionescu-Tîrgoviște C, Savage DA, Dunger DB, Strachan DP, Ring SM, Todd JA. Convincing statistical support for association of the Arg620Trp polymorphism in PTPN22 locus with type 1 diabetes. (2004) *Diabetologia* 47[Suppl. 1]:A133 (Abstract)
152. Guja C, Nutland S, Tuomilehto-Wolf E, Tuomilehto J, Savage DA, Guja L, Ionescu-Tîrgoviște C, Todd JA. Analysis of N Acetyl Transferase 2 gene variants in type 1 diabetes. (2004) *Diabetologia* 47[Suppl. 1]:A133 (Abstract); Impact factor 6.206
153. Guja L, Guja C, Ionescu-Tîrgoviște C, Nutland S, Todd JA. Strong association of the insulin gene locus (IDDM2) with type 1 diabetes in the Romanian population. (2004) *Diabetologia* 47[Suppl. 1]:A134 (Abstract); Impact factor 6.206
154. Ioacă S, Farcașiu E, Brădescu O, Guja C, Scutaru G, Savu O, Ionescu-Tîrgoviște C. Mortality in type 1 diabetes patients with onset after age 40 years. (2004) *Diabetologia* 47[Suppl. 1]:A112 (Abstract) Impact factor 6.206
155. Prună S, Ionescu-Tîrgoviște C. A comparative study between color change plaster for diabetic foot syndrome and electrical impedance change of plantar skin sweat secretion. (2004) *Diabetologia* 47[Suppl. 1]:A376 (Abstract); Impact factor 6.206
156. Hulme JS, Barratt BJ, Twells RCJ, Cooper JD, Lowe CE, Howson JMM, Lam AC, Smink L, Savage DA, Undlien DE, Guja C, Ionescu-Tîrgoviște C, Tuomilehto-Wolf E, Tuomilehto J, Todd JA. Association analysis of the lymphocyte-specific protein tyrosine kinase (LKC) gene in type 1 diabetes. (2004) *Diabetes* 53:2479-2482; Impact factor 8.095.
157. Nejentsev S, Cooper JD, Godfrey L, Howson JM, Rance H, Nutland S, Walker NM, Guja C, Ionescu-Tîrgoviste C, Savage DA, Undlien DE, Ronningen KS, Tuomilehto-Wolf E, Tuomilehto J, Gillespie KM, Ring SM, Strachan DP, Widmer B, Dunger D, Todd JA. Analysis of the vitamin D receptor gene sequence variants in type 1 diabetes. (2004) *Diabetes* 53:2709-2712; Impact factor 8.095.
158. Smyth D, Cooper JD, Collins JE, Heward JM, Franklyn JA, Howson JM, Vella A, Nutland S, Rance HE, Maier L, Barratt BJ, Guja C, Ionescu-Tîrgoviste C, Savage DA, Dunger DB, Widmer B, Strachan DP, Ring SM, Walker N, Clayton DG, Twells RC, Gough SC, Todd JA. Replication of an association between the lymphoid tyrosine phosphatase locus (LYP/PTPN22) with type 1 diabetes, and evidence for its role as a general autoimmunity locus. (2004) *Diabetes* 53:3020-3023. Impact factor 8.095.
159. Ionescu-Tîrgoviste C, Pruna S, Guja C, Ioacara S, Sympathetic sudomotor and vasoconstrictor activity in type 1 and type 2 diabetic patients versus nondiabetic subjects, poster at 14th Annual Meeting of the Diabetic Neuropathy Study Group of the EASD NEURODIAB XIV, Joint symposium with the Diabetic Foot Study Group of the EASD, Regensburg, Germany, September 2-5, 2004;

160. Ionescu-Tîrgoviște C (Coordonator). *Tratatul de Diabet Paulescu*. Ed. Academiei Române, Bucuresti, 2004.
161. Guja C, Ionescu-Tîrgoviste C: Chronic angiopathic complications in type I diabetes across Europe as a result of EURODIAB multicentric study. In: *Cellular dysfunction in atherosclerosis and diabetes: Reports from bench to bedside*. Eds. Simionescu M, Sima A, Popov D. Ed. Academiei Române, București, 2004.
162. Tesfaye S, Chaturvedi N, Eaton SEM, Ward JD, Manes C, Ionescu-Tîrgoviște C, Witte DR, Fuller JH. Vascular risk factors and diabetic neuropathy. *N Engl J Med* 352: 341-350, 2005. Impact factor 55.873
163. Ionescu-Tîrgoviste C: Comment on: Godsland IF, Jeffs JAR, Johnston DG (2004) Loss of beta cell function as fasting glucose increases in the non-diabetic range (*Diabetologia* 47: 1157-1166). *Diabetologia* 48: 203-204, 2005. Impact factor 6.206.
164. Ioacără S, Ionescu-Tîrgoviște C, Guja C, Brădescu O, Scutaru G. Kaplan-Meier survival curves of type 1 diabetes mellitus patients with onset after 30 years. *Diabetes*, p. A586, 2431 – Published Only, 2005. Impact factor 8.095
165. Nwabudike LC, Ionescu-Tîrgoviște C. Risk factors and clinical characteristics for foot ulcers in patients with diabetes in Bucharest, Romania. *Diabetes*, A600, 2489 – Published Only, 2005. Impact factor 8.095
166. Brădescu O, Georgescu M, Ioacără S, Ionescu-Tîrgoviște C. Significance of C reactive protein in postprandial state of type 2 diabetic patients with metabolic syndrome. *Diabetes*, A165, 668 – Poster, 2005. Impact factor 8.095
167. Ionescu-Tîrgoviște C, Apetrei E, Ioacără S, Lichiardopol R, Guja C, Vlădică M, Culcsar I, Bojin A. Overweight is both a strong and early component in the development of the metabolic syndrome. *Diabetes*, p. A445, 1853 – Poster, 2005. Impact factor 8.095
168. Guja C, Guja L, Ionescu-Tîrgoviște C. Genetic susceptibility – necessary for T1DM occurrence in the Romanian population. *Diabetes*, A276, 1133 – Poster, 2005. Impact factor 8.095
169. Ioacără S., Ionescu-Tîrgoviște C., Cristian Guja, Bojin A.. Mortality and Causes of Death in Oral Treated Tzpe 2 Diabetes Mellitus Patients., *Diabetes* 55, Supl. 1., pA733, 913-P, 2006; Impact factor 8.095
170. Guja C., Guja L., Ionescu-Tîrgoviște C., Nutland S., Stevens H., Todd J., Effect of HLA (IDDM2) in Type 1 Diabetes Patients and Their First-Degree Relatives in Romania, *Diabetes* 55, Supl.1, p.A733, 1062-P, 2006; Impact factor 8.095
171. Ioacără S., Ionescu-Tîrgoviște C., Guja C., Bojin A. The Prediction of Waist Circumference in Normal Versus Newly Discovered Type 2 Diabetes Patients, *Diabetes* 55, Supl.1, p.A733, 2301-PO, 2006; Impact factor 8.095
172. Nawbudike L., Coravu D., Ionescu-Tîrgoviște C., Cristofor C. Education Improves Awareness of the Diabetic Foot, *Diabetes* 55, Supl.1, p.A733, 2352-PO, 2006; Impact factor 8.095
173. Ionescu-Tîrgoviște C., Guja C., Vlădică M., Ioacără S., Bojin A., Filip I. Proinsulin Levels are Significantly Increased Both in Type 1 and Type 2 Diabetes Compared with Normal Subjects, *Diabetes* 55, Supl.1, p.A733, 2473-PO, 2006; Impact factor 8.095
174. Vlădică M., Margina D., Dănciulescu R., Radulian G., Ioacără S., Cheța D., Ionescu-Tîrgoviște C. Inflammatory and Hormonal Inflammatory and Hormonal Adipocytokines as Markers of Endothelial Dysfunction as Markers of Endothelial Dysfunction, *Diabetes* 55, Supl. 1, p.A733, 2581-PO, 2006; Impact factor 8.095
175. Ionescu-Tîrgoviste C, Guja C, Ioacara S, Vladica M. Plasma proinsulin could be a marker of beta cell dysfunction in both type 2 and type 1 diabetes, *Diabetic Medicine* 23, (Suppl. 4) P151, 2006; Impact factor 3.152
176. Ionescu-Tîrgoviste C, Scaiceanu L, Ioacara S, Andrada B Phenotypic particularities in type 2 diabetes patients with retinopathy and/or nephropathy, *Diabetic Medicine* 23, (Suppl. 4) P2048, 2006; Impact factor 3.152

177. Ioacara S, Ionescu-Tirgoviste C, Guja C, Bradescu O. : The Ideal Waist Circumference - an Emerging Treatment Target for Abdominal Obesity, *Diabetic Medicine* 23, (Suppl. 4) P499, 2006; Impact factor 3.152
178. Ioacara S, Ionescu-Tirgoviste C.: Higher body mass index at diagnosis is a protective factor for mortality in a prospective trial of newly discovered type 2 diabetes patients, *Diabetic Medicine* 23, (Suppl. 4) P1654, 2006
179. A. Mihai, C. Ionescu-Tirgoviste, C.Guja, M.Bulancea, L. Florea, M. Tinca: Prevalence of the metabolic syndrome in women over 50 years old with type 2 diabetes. *Diabetes & Vascular Disease Research* 4 (Suppl.1) S74, 2007 Impact factor 3.035
180. C. Ionescu-Tirgoviste, S. Ioacara, C.Guja, M. Mota, A. Mihai, R. Lichiardopol, E. Apetrei: Insulin resistance and metabolic syndrome in an adult Romanian population *Diabetes & Vascular Disease Research* 4 (Suppl.1) S75, 2007 Impact factor 3.035
181. C. Ionescu-Tirgoviste, A. Mihai., C. Guja, M. Vladica, S. Ioacara, R. Lichiardopol, E. Apetrei: Differences in prevalence of metabolic syndrome in subjects with impaired fasting glucose *Diabetes & Vascular Disease Research* 4 (Suppl.1) S108, 2007 Impact factor 3.035
182. C. Ionescu-Tirgoviste, C. Guja, M. Vladica, S. Ioacara, A. Mihai, L. Florea, A. Bulgar, L. Guja The relationship between proinsulin level and body mass index in various diabetic phenotypes, including obesity and the metabolic syndrome. *Diabetes & Vascular Disease Research* 4 (Suppl.1) S 109, 2007 Impact factor 3.035
183. C. Ionescu-Tirgoviste The project „Newly diagnosed Diabetes Mellitus: 2007 COHORT”, *Acta Diabetologica*, 2007 Impact factor 3.074
184. C. Ionescu-Tirgoviste, C. Guja, S. Ioacara, M. Vladica, A. Mihai, I. Tatu High proinsulin level is a common marker of beta cell dysfunction in both type 1 and type 2 diabetes *Acta Diabetologica Română*, ???
185. C. Ionescu-Tirgoviste Concepția patologică privind patogenia variatelor fenotipuri de diabet. *Acta Diabetologica Română*, 2007
186. C. Ionescu-Tirgoviste, E.A. Preoteasa, M. Dinescu, A. Moldovan, M. Filipescu, O.Bancescu, A. Scafes Morphological examination of erythrocytes from normal and diabetic subjects by atomic force microscopy (AFM) *Acta Diabetologica*, 2007; Impact factor 3.074
187. Ioacara S., Ionescu-Tirgoviste C., Sabau S., Farcasiu E., Bradescu O., Guja C., M. Pallayova, A Cristea. Mortality Changes over Six Decades in Type 1 Diabetes Patients with Onset Before 40 Years. Poster at Association's 67<sup>th</sup> Scientific Sessions, Chicago, IL, USA, June 22-26, 2007;
188. Guja C., L Guja, Ionescu-Tirgoviste C. Association Analysis of *HLA-B* in Type 1 Diabetes in Romanian Families. Poster at Association's 67<sup>th</sup> Scientific Sessions, Chicago, IL, USA, June 22-26, 2007;
189. C Ionescu-Tirgoviste, Guja C, M Mota, Ioacara S, M Vladica, M Pascu, A Mihai. Plasma Proinsulin Levels in Long Standing Diabetes. Marker for a Dysfunctional Beta Cell Regeneration ? Poster at Association's 67<sup>th</sup> Scientific Sessions, Chicago, IL, USA, June 22-26, 2007
190. Todd JA, Clayton DG, Downes K., Dunger DB, Guja C., Leung HT, Nutland S., Plagnol V., Smyth DJ, Stevens HE, Ionescu-Tirgoviste C., Tuomilehto J., Walker NM, Wellcome Trust Case-Control Consortium, Widmer B.: A genome-wide assessment of the genetic basis of type 1 diabetes and its biology. *Diabetes* 56, (Suppl.1) A103:393, 2007; Impact factor 8.095
191. C. R. Cardwell, L. C. Stene, G. Joner, O. Cinek, J. Svensson, M. J. Goldacre, R. C. Parslow, P. Pozzilli, G. Brigis, D. Stoyanov, B. Urbonaitė, S. Šipetić, E. Schober, C. Ionescu-Tirgoviste, G. Devoti, C. E. de Beaufort, K. Buschard, C. C. Patterson **Caesarean section is associated with an increased risk of childhood-onset type 1**

- diabetes mellitus: a meta-analysis of observational studies** Diabetologia 51:726–735, 2008; Impact factor 6.2
192. Guja C., Guja L., Calin A., Nutland S., Howson J., Rance H., Todd J.A., Ionescu-Tirgoviste C. : **Rolul polimorfismelor HLA-CW in susceptibilitatea DZ tip 1 la populatia din Romania.** Journal of Experimental Medical & Surgical Research Suppl 1-2: O8, pg 10, 2008
  193. Ioacara S., Farcasiu Eugenia, Ionescu-Tirgoviste C. : **Mortalitatea la pacientii varstnici cu diabet zaharat tip 2 in perioada 1943-2005.** Journal of Experimental Medical & Surgical Research Suppl 1-2:O10, pg 12, 2008; Impact factor 0.27
  194. Ionescu-Tirgoviste C. : **Cauza primara a diabetului zaharat intre celula  $\beta$  pancreatica si celulele insulinodependente.** Journal of Experimental Medical & Surgical Research Suppl 1-2:O11, pg 14, 2008; Impact factor 0.27
  195. Caceaune Elena, Licarioiu Daniela, Tautu Oana, Ionescu-Tirgoviste C. : **Analiza elementelor sindromului metabolic la pacientii cu steatoza hepatica non-alcoolica.** Journal of Experimental Medical & Surgical Research Suppl 1-2:P8, pg 39, 2008; Impact factor 0.27
  196. Filip Iuliana, Mihai Andrada, Ionescu-Tirgoviste C.: **Imapctul clinico-biologic al modificarii stilului de viata asupra pacientilor cu sindrom metabolic nou diagnosticat.** Journal of Experimental Medical & Surgical Research Suppl 1-2: P28, pg 63, 2008; Impact factor 0.27
  197. Licarioiu D., Dospinoiu L. Tautu O., Ungurasu E., Ionescu-Tirgoviste C.: **Complicatiile cronice ale DZ tip 1 si 2 nou descoperit – Cohorta 2007.** Journal of Experimental Medical & Surgical Research Suppl 1-2 : P37, pg 73, 2008; Impact factor 0.27
  198. Licarioiu Daniela, Dospinoiu Luminita, Tautu Oana, Ungurasu Elena, Strambu Gabriela, Tautu C., Ionescu-Tirgoviste C. : **Profilul lipidic la DZ tip 1 si 2 nou descoperit – Cohorta 2007.** Journal of Experimental Medical & Surgical Research Suppl 1-2: P38, pg 74, 2008; Impact factor 0.27
  199. Mihai Andrada, Filip Iuliana, Vladica Maria, Ionescu-Tirgoviste C. **Hiperuricemia la pacientii cu sindrom metabolic si diabet zaharat de tip 2.** Journal of Experimental Medical & Surgical Research Suppl 1-2 : P40, pg 77, 2008; Impact factor 0.27
  200. Petrea Stefanita, Serban Andreea, Elian Viviana, Ionescu-Tirgoviste C. **Aspecte ale comei hipoglicemice.** Journal of Experimental Medical & Surgical Research Suppl 1-2 : P52, pg. 94, 2008; Impact factor 0.27
  201. Stan G., Cristofor C., Ionescu-Tirgoviste C. **Studiu asupra ereditatii diabetice efectuat pe un numar de 708 probanzi cu diabet zaharat.** Journal of Experimental Medical & Surgical Research Suppl 1-2 :P65, pg. 110, 2008; Impact factor 0.27
  202. Bradescu O.M., Ioacara S., Ionescu-Tirgoviste C.: **Significant predictors of HDL-cholesterol postprandial rise in type 2 diabetic patients** Diabetes 57 (Suppl. 1) A652, 2008-06-26 Impact factor 8.095
  203. Guja C., Guja L., Calin A., Ionescu-Tirgoviste C. **Effect of HLA-DRB1\*04 Alleles on type 1 diabetes risk for the Romanian population** Diabetes 57, Suppl. 1, A316, 2008
  204. Ionescu-Tirgoviste C., Guja C., Guja L., Pencea C. **Where could be hidden the primary cause of diabetes?** 3rd Macedonian Congress on Endocrinology, Diabetes & Metabolic Disorders with International Participation, Ohrid, Macedonia , Abstract Book pag 29, 2008
  205. Ionescu-Tirgoviste C., Guja C., Ioacara S., Pintea M.A., Pencea C., Guja L., Istudor V. : **The effect of indigenous Romanian plant extract in the treatment of type 2 diabetes.** 3rd Macedonian Congress on Endocrinology, Diabetes & Metabolic Disorders with International Participation, Ohrid, Macedonia, Abstract Book 1, pg 51, 2008
  206. Ionescu-Tirgoviste C. **Prolegomenon to the European Constitution Book of Diabetes Mellitus.** Proc. Rom. Acad., Series B, 3, p. 179–213, 2008.

207. Ionescu-Tîrgoviște C. **Proinsulin As The Possible Key In The Pathogenesis Of Type 1 Diabetes**. Acta Endocrinologica 5(2):233-249, 2009. Impact factor 0.43
208. C. R. Cardwell, L. C. Stene, G. Joner, E. A. Davis, O. Cinek, J. Rosenbauer, J. Ludvigsson, C. Castell, J. Svensson, M. J. Goldacre, T. Waldhoer, J. Polanska, S. G. A. Gimeno, L.-M. Chuang, R.C. Parslow, E. J. K. Wadsworth, A. Chetwynd, P. Pozzilli, G. Brigis, B. Urbonaitė, S. Šipetić, E. Schober, C. Ionescu-Tirgoviste, C. E. de Beaufort, D. Stoyanov, K. Buschard, C. C. Patterson **Birthweight and the risk of childhood-onset type 1 diabetes: a meta-analysis of observational studies using individual patient data** Diabetologia 53:641–651, 2010 Impact factor 6.20
209. Cardwell C.R, Stene L.C, Joner G, Bulsara M.K, Cinek O, Rosenbauer J, Ludvigsson J, Jane M, Svensson J, Goldacre M.J, Waldhoer T, Jarosz-Chobot P, Gimeno S.G.A, Chuang L.M, Parslow R.C, Wadsworth E.J.K, Chetwynd A, Pozzilli P, Brigis G, Ionescu-Tirgoviste C, de Beaufort C.E, Stoyanov D, Buschard K, Patterson C.C. **Maternal age at birth and childhood type 1 diabetes: A pooled analysis of 30 observational studies**, Diabetes 59:486-494, 2010. Impact factor 8.095
210. Cristian Guja, Loreta Guja, Vasilica Cristescu, Constantin Ionescu-Tîrgoviște. **Possible Association of BCL2 Gene Variants with T1D in the Romanian Population. (Abstract)**. Diabetes 59 Supplement (1) 2410-PO, 2010. Impact factor 8.095
211. Suzana Danoiu, Rucsandra Danciulescu Miulescu, Catalina Poiana, Denisa Margina, Vasilica Cristescu, Constantin Ionescu-Tîrgoviște. **Evaluation of the Marker of the Endothelial Dysfunction in Smokers Diabetic Patients. (Abstract)**. Diabetes 59 Supplement (1) 2457-PO, 2010. Impact factor 8.095
212. Rucsandra Danciulescu Miulescu, Suzana Danoiu, Madalina Musat, Mircea Danoiu, Vasilica Cristescu, Constantin Ionescu-Tîrgoviște. **Insulinoreistance Can Be Improved by Testosterone Therapy in Men with Hypogonadism. (Abstract)**. Diabetes 59 Supplement (1) 2576-PO, 2010. Impact factor 8.095
213. Constantin Ionescu-Tîrgoviște **A Short Personal View On The Pathogenesis Of Diabetes Mellitus** PROC. ROM. ACAD., SERIES B, 2010, 3, P. 219–224
214. Rucsandra Dănciulescu Miulescu, Mădălina Mușat, Constantin Ionescu-Tîrgoviște **Incretin-Based Therapy In The Management Of Type 2 Diabetes** PROC. ROM. ACAD., SERIES B, 2010, 3, P. 201–208
215. Răzvan Vasilescu, Silvi Ifrim, Constantin Ionescu-Tîrgoviște **Leptin To Adiponectin Ratio Is An Independent Predictor Of Common Carotid Artery Intima-Media Thickness In Obese Subjects** PROC. ROM. ACAD., SERIES B, 2010, 3, P. 209–217
216. C. Ionescu-Tirgoviste, Guja C., Cristescu V., Gutu D.: **The role of the pancreatic amyloid in the pathogenesis of type 2 diabetes**. Proc. Rom. Acad, Series B, 1:21-34, 2010
217. C. Ionescu-Tirgoviste **Insulin resistance - what is myth and what is reality?** Acta Endocrinologica vol VII, 1:123-146, 2011; Impact factor 0.45.
218. C. Ionescu-Tirgoviste, F. Despa: **Biophysical alteration of the secretory track in  $\beta$ -cells due to molecular overcrowding: the relevance for diabetes**, Integr. Biol., 3: 173–179, 2011 Impact factor 3.59.
219. C. Ionescu-Tirgoviste: **Editorial. Pancreatic  $\beta$ -cell clock and telocytes**. Romanian Journal of Diabetes, Nutrition & Metabolic Diseases, vol. 18, 1: 1-3, 2011.
207. C. Ionescu-Tirgoviste, F. Despa: **Biophysical alteration of the secretory track in  $\beta$ -cells due to molecular overcrowding: the relevance for diabetes**, Integr. Biol., 3: 173–179, 2011
208. C. Ionescu-Tirgoviste: **Editorial. Pancreatic  $\beta$  cell clock and telocytes**. Romanian Journal of Diabetes, Nutrition & Metabolic Diseases, vol. 18, 1: 1-3, 2011



209. Ioacara S, Guja C, Ionescu-Tirgoviste C, Fica S, Sabau S, Radu S, Micu A, Tiu C. **Improvements in life expectancy in adult type 2 diabetes patients in the last six decades.** Diab Res Clin Pract 2011; 92:400-404
210. C. Guja, C. Ionescu-Tirgoviste **Predisposing and protective genetic factors in type 1 diabetes.** Proceedings GSP 2011, pag. 67-70, (invited papers) 2<sup>nd</sup> International Workshop on Genomic Signal Processing June 26-29, 2011, ISSN 2247-6121
211. P. Gagniuc, P.D.Cristea, R. Tuduce, C. Ionescu-Tirgoviste, L. Burlibasa, D. Cimponeriu, L. Gavrilă **Dynamic block allocation for DNA sequences.** Proceedings GSP 2011 pag.125-130, 2011
212. P. Gagniuc, P.D. Cristea, R.Tuduce, C. Ionescu-Tirgoviste, L. Burlibasa, D. Cimponeriu, L. Gavrilă **Practical implementation for reading genomic signals from large FASTA files** Proceedings GSP 2011, pag 135-138, 2011
213. P. Gagniuc, P.D. Cristea, R.Tuduce, C. Ionescu-Tirgoviste, L. Burlibasa, D. Cimponeriu, L. Gavrilă **Automatic growth detection of cell cultures through outlier techniques.** Proceedings GSP 2011, pag. 143-148, 2011
214. Vasilescu R., Ifrim S. Ionescu-Tirgoviste C **Relationship between plasma adipokines, inflammation, insulin resistance and subclinical atherosclerosis in newly diagnosed type 2 diabetes** Journal of Diabetes Mellitus PP.17-25 DOI: 10.4236/jdm.2011.12004
215. P. Gagniuc, D. Cimponeriu, C. Ionescu-Tirgoviste, C. Guja, P. Apostol, M. Stavarachi, L. Gavrilă **Genomin: a software framework for reading genomic signals** Proc. Rom. Acad., Series B, 2011, 1, p. 53–62
216. Pirvulescu M.M., Gan A.M., Stan D., Simion V., Calin M., Butoi E., Ionescu-Tirgoviste C., Manduteanu I.: **Curcumin and a Morus Alba extract reduce pro-inflammatory effects of resistin in human endothelial cells.** Phytotherapy Research, Vol 25, Issue 12, pg. 1737-1742, 2011.
217. Paul Gagniuc, Paul Dan Cristea, Rodica Tuduce, Constantin Ionescu-Tirgoviste, Lucian Gavrilă, **DNA patterns and evolutionary signatures obtained through Kappa Index of Coincidence.** Revue Roumaine des Sciences Techniques - Série Électrotechnique et Énergétique, Vol 1, No. 1, 2012.
218. Paul Gagniuc, Danut Cimponeriu, Nicolae Mircea Panduru, Monica Stavarachi, Mihai Toma, Constantin Ionescu-Tirgoviste, Lucian Gavrilă. **A sensitive method for detecting nucleotide islands through depth analysis.** Romanian Journal of Diabetes Nutrition and Metabolic Diseases, 18(2):165-170, 2011.
219. Paul Gagniuc, Danut Cimponeriu, Constantin Ionescu-Tirgoviste, Andrada Mihai, Monica Stavarachi, Toma Mihai, Lucian Gavrilă. **Detection of possible restriction sites for type II restriction enzymes in DNA sequences.** Romanian Journal of Internal Medicine, 49(2):121-128, 2011.
220. Paul Gagniuc, Lucian Gavrilă, Constantin Ionescu-Tirgoviste. **GHDNA: A new hash function for DNA sequences used in database engine design.** Computers in Biology and Medicine, Elsevier, (in press)
221. Paul Gagniuc, Paul Dan Cristea, Aurora Rodica Tuduce, Constantin Ionescu-Tirgoviste, Lucian Gavrilă, Dan Cimponeriu. **Automatic growth detection of cell cultures through outlier techniques.** GSP 2011, 2nd International Workshop on Genomic Signal Processing, pp. 143-147, 2011.
222. Paul Gagniuc, Paul Dan Cristea, Aurora Rodica Tuduce, Constantin Ionescu-Tirgoviste, Lucian Gavrilă, Dan Cimponeriu. **Dynamic Block Allocation for DNA sequences.** GSP 2011, 2nd International Workshop on Genomic Signal Processing, pp. 125-130, 2011.
223. Paul Gagniuc, Paul Dan Cristea, Aurora Rodica Tuduce, Constantin Ionescu-Tirgoviste, Lucian Gavrilă, Dan Cimponeriu. **Practical implementation for reading genomic**

- signals from large FASTA files.** GSP 2011, 2nd International Workshop on Genomic Signal Processing, pp. 135-137, 2011. Impact factor 1.66
224. Paul Gagniuc, Dănuț Cimponeriu, Constantin Ionescu-Tîrgoviște, Cristian Guja, Pompilia Apostol, Monica Stavarachi and Lucian Gavrilă. **Genomin: a software framework for reading genomic signals.** Proc. Rom. Acad., Series B, 13(1):53–56, 2011.
225. Paul Gagniuc, Constantin Ionescu-Tîrgoviște. **Dynamic Block Allocation for DNA/RNA sequences.** Proc. Rom. Acad., Series A, 2011. Impact factor 1.66
226. Ionescu-Tirgoviste Constantin, Matei Ioan Valentin, Gubceac Elvira, Militaru Manuella, Gutu Daniela, Lixandru Daniela. **A cytormorphometric analysis of adipocytes from the omental and abdominal subcutaneous adipose tissue.** Proc. Rom. Acad., Series B, 3, p. 212–23, 2011.
227. Cardwell C.R., L.C.Stene, J.Ludvigsson, J.Rosenbauer,O. CInek, J.Svensson, F.Perez-Bravo, A.Memon, S.G. Gimeno, E.J.K. Wadsworth,E.S.Strotmeyer,M.J. Goldacre,K.Radon,L-M Chuang, R.C. Parslow, A. Chetwynd, K. Karavanaki, G.Brigis, P.Pozzilli, B.Urbonaite, E.Schober, G.Devoti, S.Sipetic,G.Joner, C.Ionescu-Tirgoviste, C.E. de Beaufort, H. Harrild, V. Benson, E.Savilahti, A.-L. Ponsonby, M.Salem, S.Rabiei, C.C. Patterson : **Breast-feeding and childhood-onset type 1 diabetes: a pooled analysis of individual participant data from 43 observational studies.**Diabetes Care 35:2215-2225, 2012. Impact factor 5.55
228. Gagniuc P. A., Ionescu-Tirgoviste C. **Eukaryotic genomes may exhibit up to 10 generic classes of gene promoters.** BMC Genomics 13:512, 2012. Impact factor 4.34
229. Ionescu-Tirgoviste C., Vasilescu R., Timar R., Guja C., Gagniuc P., Bacanu E., Gligor R., Carniciu S. **The proinsulin-to-adiponectin ratio could be the best practical indicator of the early (prehyperglycaemic) phase of type 2 diabetes.** Adipobiology 4:41-50, 2012.
230. Gagniuc P, Ionescu-Tîrgoviste C, Cristea PD, Tuduce R, Gavrilă L. **DNA Patterns and evolutionary signatures obtained through Kappa Index of coincidence.** Rev. Roum. Sci. Techn.-Electrotechn et. Energ;57:100-109, 2012.
231. Gagniuc P. A., C. Ionescu-Tirgoviste **Gene promoters show chromosome specificity and reveal chromosome territories in humans,** BMC Genomics 14:278, 2013
232. Paul Gagniuc, Constantin Ionescu-Tîrgoviște. **Automatic growth detection of cell cultures through outlier techniques.** Romanian Journal of Information Science and Technology, 8(3):407-415, June, 2013; Impact factor 0.627
233. Ionescu-Tîrgoviste C. **To Limit the Black and White View on Diabetes** Acta Endo (Buc) 2013 9: 597-604 doi: 10.4183/aeb.2013.597
234. Ionescu-Tirgoviste C, P Gagniuc, C Guja. **Intermediary diabetes mellitus (IDM): a new pathology between boudaries.** Abstract–14-948- EASD Diabetologia Poster, 2014; Impact factor 6.206.
235. Ionescu-Tîrgoviste C, Gagniuc P.A, , Guja C **A Challenge for the Autoimmune Diabetogenic Mechanism in Type 1 Diabetes?** Acta Endo (Buc) 10: 317-328, 2014
236. Caceaune Elena, Lixandru Daniela, Copaci Ionel, Caceaune Nicu, Ionescu-Tîrgoviste C. **Proinsulin and adiponectin in patients with nonalcoholic fatty liver disease.** Farmacia, 63(2):273-286, 2014 Impact factor 0.86
237. Ionescu-Tîrgoviște C, Guja C, Gagniuc P: **In debate: the primary cause of type 1 diabetes.** Proceed Rom Acad - Series B 16:179-200, 2014.
238. Paul Gagniuc and Constantin Ionescu-Tîrgoviște, **GHDNA: A Hash Function for DNA Segment-Based Aligments and Motif Search.** Proc. Rom. Acad., Series B, 2014 16(3), p.155-168.
239. Lixandru D., Bacanu E., Virgolici B, Virgolici H, Petruta A, Bacanu M, Gagniuc P, Ionescu-Tirgoviste C, Serafinceanu C. **Changes in serum proinflammatory cytokines in**

- patients with elevated HOMA-IR and type 2 diabetes mellitus;** *Farmacica*, 63: 132-139,2015; Impact factor 0.86
240. Ionescu-Tîrgoviște C, P. A. Gagniuc, C Guja. **Structural properties of gene promoters highlight more than two phenotypes of diabetes.** *Plos One*. DOI: 10.1371/journal.pone.0137950, Sep 17, 2015; Impact factor 5.6
241. Ionescu-Tîrgoviște C, P. A. Gagniuc, E. Gubceac, L. Mardare, I. Popescu, S. Dima, M. Militaru. **A 3D map of the islet routes throught the healthy juman pancreas.** Ionescu-Tîrgoviște C, P. A. Gagniuc, C Guja. *Scientific Reports/Nature* 5:14634/DOI: 10.1038/srep14634, June 2015; Impact factor 5.47
242. Ionescu-Tîrgoviste C. **What is Before the Autoimmune Seroconversion in Type 1 Diabetes?** *Acta Endo (Buc)* 2015 11: 419-424 doi: 10.4183/aeb.2015.419
243. Livia Petrescu, Constantin Ionescu-Tîrgoviște and Dan Mihăilescu, **Aspects of nanoparticles toxicity on the human body.** *Proc. Rom. Acad., Series B*, 2016, 18(1), p. 3-10.
244. Ionescu-Tirgoviste C, Guja C, Gagniuc P, Lixandru D.: **A Good Prevention Needs a Good Prediction**". Bucuresti, 2016
245. Eugen A. Preoteasa and Constantin Ionescu-Tîrgoviște, **A case study of conductivity in mineral water.** *Proc. Rom. Acad., Series B*, 2016, 18(1), p. 15-23.
246. Simion Prună, Cristina Purtill, Andreea Bealle and Constantin Ionescu-Tîrgoviște, **High performance Electronic Health Record (EHR) in diabetes for countries in Black Sea region.** *Proc. Rom. Acad., Series B*, 2016, 18(1), p. 31-41.
247. Constantin Ionescu-Tîrgoviște, **The concept of assimilatory system of Paulescu, dating from 1912.** *Proc. Rom. Acad., Series B*, 2016, 19(2), p. 151-160.
248. Constantin Ionescu-Tîrgoviște, **The concept of assimilatory system of Paulescu, dating from 1912.** *Proc. Rom. Acad., Series B*, 2016, 18(1), p. 57-70.
249. **Editorial-Landmarks in the history of Romanian diabetology** Authors: Constantin Ionescu-Tirgoviste. National Institute of Diabetes, Nutrition and Metabolic Diseases "Prof. NC Paulescu", Bucharest. *RJDNDM* 2016, Vol. 23, No. 2
250. Constantin Ionescu-Tîrgoviște , Paul A. Gagniuc, Cristian Guja „**A correlation between intermediary diabetes mellitus and obesity** *Diabetologia*. volume 59, Issue 1 Supplement, August 2016
251. **The Trio: Adiposse tissue, Immune system and Islet  $\beta$ -cells.** Constantin Ionescu-Tirgoviste. National Institute of Diabetes, Nutrition and Metabolic Diseases "Prof. NC Paulescu", Bucharest. *Diabetologia*. volume 59, Issue 1 Supplement, August 2016
252. **Resting metabolic rate in obese type 2 diabetic patients prior to metabolic surgery vs conservatory treatment.** Diana Simona Stefan, Daiana Bajko, Daniela Lixandru, Manuela Mitu, Janeta Tudosoiu, Bogdan Smeu, Catalin Copaescu, **Constantin Ionescu-Tirgoviste**, Cristian Guja. *Diabetologia*. volume 59, Issue 1 Supplement, August 2016
253. Paul A. Gagniuc and Constantin Ionescu-Tîrgoviște, Compression up to singularity: a model for lossless compression and decompression of information. *Proc. Rom. Acad., Series B*, 2016, 18(3), p. 169-174.
254. Constantin Ionescu-Tîrgoviște, Alice Dula, and Cristian Guja, N. C. Paulesco: **105 years from the discovery of incretinic effect.** *Proc. Rom. Acad., Series B*, 2016, 18(3), p. 189-194.
255. Constantin Ionescu-Tîrgoviște, **The visionary view of Paulescu about the structure and function of the spleen,** *Proc. Rom. Acad., Series B*, 2017, 19(1), p. 1-66
256. Picu A, Petcu L, Ștefan S, Mitu M, Lixandru D, Ionescu-Tîrgoviște C, Pîrcălăbioru GG, Ciulu-Costinescu F, Bubulica MV, Chifiriuc MC. **Markers of Oxidative Stress and Antioxidant Defense in Romanian Patients with Type 2 Diabetes Mellitus and Obesity.** *Molecules* 2017 May 1;22(5). : E714

257. Lixandru D, Alexandru P, Mihai A, Roșca A, Ionescu-Tîrgoviște C, Brașoveanu LI, Manuel-Y-Keenoy B. **Decreased paraoxonase 2 enzymatic activity in monocyte/macrophages cells. A comparative in vivo and in vitro study for diabetes.** Free Radic Res. 2017 Jun;51(6):604-615
258. Orzan A, Novac C, Mișu M, Ionescu Tîrgoviste C, Balgradean M. Maedica (Buchar). **The Autoimmunity's Footprint in Pediatrics: Type 1 Diabetes, Coeliac Disease, Thyroiditis.** Maedica 2017 Jun;12(2):136-142.
259. Ionescu-Tîrgoviste C, **Nicolae Constantin Paulescu: the first explicit description of the internal secretion of the pancreas.** Buda O. Acta Med Hist Adriat. 2017 Dec;15(2):303-322.
260. Ionescu-Tîrgoviste C, Gagniuc PA, Gagniuc E. **The electrical activity map of the human skin indicates strong differences between normal and diabetic individuals: A gateway to onset prevention.** Biosens Bioelectron. 2018 Nov 30;120:188-194. doi: 10.1016/j.bios.2018.08.057. Epub 2018 Aug 25
261. Raluca-Ioana Stefan-van Staden, Ioana Popa-Tudor, Constantin Ionescu-Tîrgoviste, and Roxana Adriana Stoica, **Molecular Recognition of Pyruvic Acid and L-Lactate in Early-Diabetic 1-Type Stage** Journal of The Electrochemical Society, 165: B659-B664, 2018
262. Constantin Ionescu-Tîrgoviste, Paul A.Gagniuc, Elvira Gagniuc. **Maps of electrical activity in diabetic patients and normal individuals.** Data in Brief, Volume 21, December 2018, Pages 795-832
263. Paul A.Gagniuc, Constantin Ionescu-Tîrgoviste, Elvira Gagniuc, **Photon-pixel coupling: a method for parallel acquisition of electrical signals in scientific investigations,** Method X, Vol 21 Decembrie 2018, in print
264. Livia Petrescu, Andreea Beciu, Sarmad Al Hadeethi, Constantin Ionescu-Tîrgoviste, Dan Mihăilescu and Cătălin-Dumitru Petrescu, **Biometric estimation of emotional response as a method of study in neuromarketing,** Proc. Rom. Acad., Series B, 2018, 20(1), p. 3-12
265. Constantin Ionescu-Tîrgoviște, **The concept of assimilatory system of Paulescu dating from 1912,** Proc. Rom. Acad., Series B, 2018, 20(1), p. 83-92
266. Livia Petrescu, Alexandra Gheorghe, Constantin Ionescu-Tîrgoviste, and Cătălin - Dumitru Petrescu, **Anthropometric investigation of external ear morphology, as a pattern of uniqueness, useful in identifying the person,** Proc. Rom. Acad., Series B, 2018, 20(2), p. 95-105
267. Bernea Elena Georgiana, Felicia Antohe, Andrada Mihai and Constantin Ionescu-Tîrgoviste, **Gestational Diabetes Mellitus. The effects of suppliments on oxidative stress,** Proc. Rom. Acad., Series B, 2018, 20(2), p. 121-133
268. Constantin Ionescu-Tîrgoviște, **The concept of assimilatory system of Paulescu dating from 1912** (Continuation from the issue Proc. Rom. Acad., Series B, 2018, 20 (1)), p. 155-164
269. Sorin Ioacara, Cristian Guja, Constantin Ionescu-Tîrgoviste, Sorina Martin, Cristina Tiu and Simona Fica, **Rates and Causes of Death among Adult Diabetes Patients in Romania,** ENDOCRINE RESEARCH <https://doi.org/10.1080/07435800.2018.1546734>
270. Stefan-van Stad Raluca-Ioana, Mitrofan Grigorina, Ionescu-Tîrgoviste Constantin: **Pattern Recognition of Diabetes Related Biomarkers.** Electroanalysis (2018)30:2628-2634
271. Ionescu-Tîrgoviste Constantin, Catalin Vasilescu: **Nicolae Paulescu „Structura splinei”,** Comentarii, Editura Universitatii din Bucuresti, 2018

264. Livia Petrescu, Andreea Beciu, Sarmad Al Hadeethi, Constantin Ionescu-Tirgoviste, Dan Mihăilescu and Cătălin-Dumitru Petrescu, **Biometric estimation of emotional response as a method of study in neuromarketing**, Proc. Rom. Acad., Series B, 2018, 20(1), p. 3-12
265. Constantin Ionescu-Tirgoviste, **The concept of assimilatory system of Paulescu dating from 1912**, Proc. Rom. Acad., Series B, 2018, 20(1), p. 83-92
266. Livia Petrescu, Alexandra Gheorghe, Constantin Ionescu-Tirgoviste, and Cătălin - Dumitru Petrescu, **Anthropometric investigation of external ear morphology, as a pattern of uniqueness, useful in identifying the person**, Proc. Rom. Acad., Series B, 2018, 20(2), p. 95-105
267. Bernea Elena Georgiana, Felicia Antohe, Andrada Mihai and Constantin Ionescu-Tirgoviste, **Gestational Diabetes Mellitus. The effects of suppliments on oxidative stress**, Proc. Rom. Acad., Series B, 2018, 20(2), p. 121-133
268. Constantin Ionescu-Tirgoviste, **The concept of assimilatory system of Paulescu dating from 1912** (Continuation from the issue Proc. Rom. Acad., Series B, 2018, 20 (1)), p. 155-164
269. Sorin Ioacara, Cristian Guja, Constantin Ionescu-Tirgoviste, Sorina Martin, Cristina Tiu and Simona Fica, **Rates and Causes of Death among Adult Diabetes Patients in Romania**, ENDOCRINE RESEARCH <https://doi.org/10.1080/07435800.2018.1546734>
270. Stefan-van Stad Raluca-Ioana, Mitrofan Grigorina, Ionescu-Tirgoviste Constantin: **Pattern Recognition of Diabetes Related Biomarkers**. Electroanalysis (2018)30:2628-2634
271. Ionescu-Tirgoviste Constantin, Catalin Vasilescu: **Nicolae Paulescu „Structura splinei”**, Comentarii, Editura Universitatii din Bucuresti, 2018
272. Ionescu-Tirgoviste C, Gagniuc P, Guja C: **A Commentary on Classification of Diabetes: Latent Autoimmune Diabetes in Adults (Lada) or Intermediary Diabetes Mellitus (Idm)?** Acta Endo Buc 14: 520-524 doi: 10.4183/aeb.2018.520), 2018
273. Patterson CC, Harjutsalo V, Rosenbauer J, Neu A, Cinek O, Skrivarhaug T, Rami-Merhar B, Soltesz G, Svensson J, Parslow RC, Castell C, Schoenle EJ, Bingley PJ, Dahlquist G, Jarosz-Chobot PK, Marčiulionytė D, Roche EF, Rothe U, Bratina N, Ionescu-Tirgoviste C, Weets I, Kocova M, Cherubini V, Rojnic Putarek N, deBeaufort CE, Samardzic M, Green A: **Trends and cyclical variation in the incidence of childhood type 1 diabetes in 26 European centres in the 25 year period 1989-2013: a multicentre prospective registration study**. Diabetologia, 2019, 62:408-417.
274. Iosif L. Lixandru D, Gamàn L, Ilie M, Ionescu-Tirgoviste C, et al : **Oxidative stress profile and type 2 diabetes remission at 6 months after sleeve gastrectomy versus conservatory treatment**. Farmacia, 67: 99105, 2019

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