

PERSONAL INFORMATION

Dr. Paul Aurelian Gagniuc



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Gender male | Date of birth 08/09/1981 | Nationality Romanian | Civil status married | Children Two

PROFESSIONAL EXPERIENCE

2013 - present

Teaching activities

University Politehnica of Bucharest, Faculty of Engineering in Foreign Languages (<http://www.upb.ro>)

▪ teaching activities, course and laboratory.

Type or field of activity Bioinformatics, Programming Languages

2024 - present

Teaching activities

Military Technical Academy *Ferdinand I* (<https://mta.ro/>)

▪ teaching activities, course and laboratory.

Type or field of activity [Advanced cybersecurity, reverse engineering, malware design]

2016 - 2021

Senior Programmer

Dacia-Renault (<https://renault.com/>)

▪ consulting, software programming, automation projects.

Type or field of activity Engineering, algorithms, software programming, software architecture

2020 - present

Academic Editor

PLoS ONE (<https://journals.plos.org/plosone/>)

▪ consulting, scientific advice and decisions on acceptance of scientific articles.

Type or field of activity Scientific advice on natural sciences

2014 - present

Scientific secretary

Romanian Academy (<http://www.acad.ro>)

▪ consulting, scientific advice and decisions on acceptance of scientific articles for the scientific journal Proceedings of the Romanian Academy, Series B.

Type or field of activity Scientific advice on natural sciences

2018 - 2020

Researcher

Center of Excellence in Translational Medicine - Fundeni (<http://cemt.icfundeni.ro/>)

▪ research, consulting, bioinformatics projects.

Type or field of activity Research in Bioinformatics

- 2014 - 2015 **Postdoctoral researcher**
 "Victor Babes" Institute (<http://www.invb.ro>)
 ▪ advanced postdoctoral research.
Type or field of activity Human genetics
- 2011 - 2021 **Advanced research**
 National Institute of Diabetes "N.C. Paulescu " (<http://www.paulescu.ro>)
 ▪ collaboration, consulting, research.
Type or field of activity Scientific activities on research related to diabetes.
- 2010 - 2011 **Assistant advisor**
 Ministry of Agriculture and Rural Development (<http://www.madr.ro>)
 ▪ strategic software development, monitoring, statistical analysis, consulting.
Type or field of activity Department of Land Improvements
- 2008 - 2010 **Assistant advisor**
 Ministry of Agriculture and Rural Development (<http://www.madr.ro>)
 ▪ strategic software development, monitoring, statistical analysis, consulting.
Type or field of activity Farm Accountancy Data Network
- 2005 - 2008 **Debutant advisor**
 Ministry of Agriculture and Rural Development (<http://www.madr.ro>)
 ▪ strategic software development, monitoring, statistical analysis, consulting, addresses, notes, and software development analysis algorithms, draft laws.
Type or field of activity Department of Genetically Modified Organisms (GMO)

EDUCATION AND TRAINING

- 2014-2015 **Postdoctorate**
 Postdoctorate - University of Medicine and Pharmacy "Carol Davila".
 ▪ Identification of diabetogenic gene networks and the 3D position of human pancreatic islets.
- 2007-2011 **The title of Doctor**
 PhD - University of Bucharest.
 ▪ Algorithms and software applications for the study of human genetic diseases.
- 2005-2007 **Masters**
 Master - University of Bucharest.
 ▪ human genetics, methods of analysis and theory, algorithms, statistical analysis.

2001 - 2005 Bachelor's degree

Faculty - University of Bucharest.

- biochemistry, mathematics, genetics.

AWARDS AND PRIZES

Romanian Academy Award

- **Romanian Academy Award - Constantin I. Parhon**, awarded by the Romanian Academy, 19 December 2014 Bucharest, Romania.

Medica Academica Award

- **"Acad. Nicolae Cajal" Award for fundamental research in medical science**, awarded by Medica Academica Excellence Awards, December 2016, Bucharest, Romania.

Annual Award

- **Year Award** - awarded by the Romanian Society of Diabetes, Nutrition and Metabolic Diseases at the 40th National Congress of the Romanian Society of Diabetes, Nutrition and Metabolic Diseases 21-24 May 2014 Sibiu, Romania.

AMR Award

- **Award for "scientific excellence"** - awarded by AMR (Romanian Medical Association), Romanian Academy of Sciences, 31 May to 2 June 2013, Bucharest, Romania.

AMR Award

- **Award for monography "For new mathematical methods in medicine"** - awarded by AMR (Romanian Medical Association), Romanian Academy, 30 August to 1 September, 2018, Bucharest, Romania.

Special Award

- **Special Award** - for inter-disciplinary, granted by the Romanian Society of Diabetes, Nutrition and Metabolic Diseases, 39th National Congress of the Romanian Society of Diabetes, Nutrition and Metabolic Diseases 22-25 May 2013 Sibiu, Romania.

2013 CNCSIS prize

- **CNCSIS prize for "scientific papers"** - awarding research results, 05.11.2013, CODE: PN II-RU-accurate-2013-7-3767.

Member of Honor

- **Member of honor** - awarded by Bulgarian Society for Cell Biology, on the „Third International Symposium on ADIPOBIOLOGY AND ADIPOPHERMACOLOGY (ISAA)”, 2012.

2012 CNCSIS prize

- **CNCSIS prize for "scientific papers"** - awarding research results, 19.11.2012, COD: PN-II-RU-PRECISI-2012-6-1458.

2015 CNCSIS prize

- **CNCSIS prize for "scientific papers"** - awarding research results, 07.11.2015, COD: PN-II-RU-PRECISI2015-9-9981.

2015 CNCSIS prize

- **CNCSIS prize for "scientific papers"** - awarding research results, 07.11.2015, COD: PN-II-RU-PRECISI-2015-9-9982.

2018 CNCSIS prize

- **CNCSIS prize for "scientific papers"** - awarding research results, COD: PN-III-P1-1.1-PRECISI-2018-26980.

2020 UEFISCDI prize

- **UEFISCDI prize for "scientific papers"** - awarding research results, PRECISI-2020 on PN-III-P1-1.1-PRECISI-2020-50037, 2020-10-21, No. 381.

International scholarship

- **International Scholarship for EASD 2014**, awarded by the Romanian Society of Diabetes, Nutrition and Metabolic Diseases.

CERO prize

- **For exceptional results within the CERO project in 2015**. Programul Operațional Sectorial Dezvoltarea Resurselor Umane 2007-2013, Axa prioritară 1 „CERO – Profil de Carieră: Cercetător Român”, POSDRU/159/1.5/S/135760, Institutul Național de Cercetare – Dezvoltare în Domeniul Patologiei și Științelor Biomedicale “Victor Babeș”, Prize awarded in money - 3500 EURO.

PUBLISHED BOOKS



- **Paul A. Gagniuc**. *Markov chains: from theory to implementation and experimentation*. Hoboken, NJ, John Wiley & Sons, USA, 2017, ISBN: 978-1-119-38755-8.

[Mathematics and Statistics]



- **Paul A. Gagniuc**. *Algorithms in Bioinformatics: Theory and Implementation*. John Wiley & Sons, Hoboken, NJ, USA, 2021, ISBN: 9781119697961.

[Mathematics and Statistics]



- **Paul A. Gagniuc**. *An Introduction to Programming Languages: Simultaneous Learning in Multiple Coding Environments*. Synthesis Lectures on Computer Science. Springer International Publishing, 2023, pp. 1-280.

[Programming Languages & Computers]



- **Paul A. Gagniuc**. *Coding Examples from Simple to Complex - Applications in MATLAB*, Springer, 2024, pp. 1-255.

[Programming Languages & Computers]



- **Paul A. Gagniuc**. *Coding Examples from Simple to Complex - Applications in Python*, Springer, 2024, pp. 1-245.

[Programming Languages & Computers]



- **Paul A. Gagniuc**. *Coding Examples from Simple to Complex - Applications in Javascript*, Springer, 2024, pp. 1-240.

[Programming Languages & Computers]



ELSEVIER

- **Paul A. Gagniuc**. *Antivirus Engines: From Methods to Innovations and Applications*, Elsevier, Syngress, 2024, pp. 1-656.

[Computer Security]



• **Paul A. Gagniuc.** *Cybersecurity and Information Engineering*, Elsevier, 2026, in press.

[Computer Security]



• **Paul A. Gagniuc.** *Bioinformatics for Engineers: The Overlap of Nature and Machines*, IEEE, 2026, in press.

[Mathematics and Statistics]

PATENTS

EP-3889550-A1

• **Paul GAGNIUC.** EP-3889550-A1, *Device for sampling data and diagnostic assembly for a motor vehicle*, RENAULT s.a.s., 2020-03-31, 2021-03-29, 2021-10-06.

RO-135211-A2

• **Paul GAGNIUC.** RO-135211-A2, *Data sampling device and diagnostic assembly for a motor vehicle*, Renault Technologie Roumanie S.R.L., 2020-03-31, 2020-03-31, 2021-09-30.

FR-3108721-A1

• **Paul GAGNIUC.** FR-3108721-A1, *Data sampling device and diagnostic set for a motor vehicle*, Renault S.A.S., 2020-03-31, 2020-03-31, 2021-10-01.

SCIENTIFIC PUBLICATIONS CONSIDERED IMPORTANT BY THE AUTHOR

* Prime authors

Elsevier

• **Paul A. Gagniuc.** *Antivirus Engines: From Methods to Innovations and Applications*, Elsevier, Syngress, 2024, pp. 1-656.

Scientific Reports - Nature

• Thomas, K.E., **Gagniuc, P.A.** & Gagniuc, E. *Moonlighting genes harbor antisense ORFs that encode potential membrane proteins*. Sci Rep 13, 12591 (2023) [WOS:001042854100021].

Wiley-Blackwell

• **Paul A. Gagniuc.** *Algorithms in Bioinformatics: Theory and Implementation*. John Wiley & Sons, Hoboken, NJ, USA, 2021, ISBN: 9781119697961.

**American Institute of Physics
(AIP) Chaos**

• **Paul A. Gagniuc,** Constantin Ionescu-Tirgoviste, Elvira Gagniuc, Manuella Militaru, Lawrence Chukwudi Nwabudike, Bujorel Ionel Pavaloiu, Andrei Vasilăţeanu, Nicolae Goga, George Drăgoi, Irinel Popescu, and Simona Dima. *Spectral forecast: A general purpose prediction model as an alternative to classical neural networks*. Chaos 30, 033119 (2020); doi: 10.1063/1.5120818 (American Institute of Physics). [WOS:000519075200001].

Springer Nature

• **Paul A. Gagniuc.** *An Introduction to Programming Languages: Simultaneous Learning in Multiple Coding Environments*. Synthesis Lectures on Computer Science. Springer International Publishing, 2023, pp. 1-280.

Scientific Reports - Nature

- **Constantin IONESCU-TIRGOVISTE*, Paul A. GAGNIUC***, Elvira GUBCEAC, Liliana MARDARE, Irinel POPESCU, Simona DIMA, Manuella MILITARU. *A 3D map of the islet routes throughout the healthy human pancreas*. **Sci. Rep.** 5, 14634; doi: 10.1038/srep14634 (2015). (**NATURE**). [WOS:000361876500001].

Biosensors and Bioelectronics

- **Constantin IONESCU-TIRGOVISTE*, Paul A. GAGNIUC***, Elvira Gagniuc. *The electrical activity map of the human skin indicates strong differences between normal and diabetic individuals: A gateway to onset prevention*. **Biosensors and Bioelectronics**, 120 (2018) 188–194. (**Elsevier**). [WOS:000446288900025]

Wiley-Blackwell

- **Paul A. Gagniuc**. *Markov chains: from theory to implementation and experimentation*. Hoboken, NJ, John Wiley & Sons, USA, 2017, ISBN: 978-1-119-38755-8.

MethodsX

- **Gagniuc, P.A.**, Ionescu-Tirgoviste, C., Gagniuc, E.. *Photon-pixel coupling: a method for parallel acquisition of electrical signals for scientific investigations*. **Methods X**, 6(2019) 968-979. [WOS:000493729600109].

PLoS ONE

- **Ionescu-Tirgoviste C*, Gagniuc PA***, Guja C (2015) *Structural Properties of Gene Promoters Highlight More than Two Phenotypes of Diabetes*. **PLoS ONE** 10(9): e0137950. [WOS:000361769400038].

BMC Genomics

- **Gagniuc P.A.** and Ionescu-Tirgoviste C. *Gene promoters show chromosome specificity and reveal chromosome territories in humans*, **BMC Genomics** 2013, 14:278. [ISI=4.40]. [WOS:000319660200001].

BMC Genomics

- **Gagniuc P.A.** and Ionescu-Tirgoviste C.: *Eukaryotic genomes may exhibit up to 10 generic classes of gene promoters*. **BMC Genomics** 2012, 13:512. [ISI=4.07]. [WOS:000314644800001].

INT J COMPUT COMMUN

- **P.A. Gagniuc**, C. Ionescu-Tirgoviste, C. H. Rădulescu, *Automatic growth detection of cell cultures through outlier techniques*. **INT J COMPUT COMMUN**, 8(3):407-415, 2013. [ISI=1.507]. [WOS:000319952400006].

Rev. Roum. Sci. Techn. –
Électrotechn. et Énerg.

- **Paul Gagniuc**, Paul Dan Cristea, Rodica Tuduce, Constantin Ionescu-Tirgoviste, Lucian Gavrila, *DNA patterns and evolutionary signatures obtained through Kappa Index of Coincidence*, **Rev. Roum. Sci. Techn. – Électrotechn. et Énerg.**, 57, 1, p. 100–109, 2012. [ISI=1.461]. [WOS:000303096800011].

SCIENTIFIC RESEARCH
ARTICLES PUBLISHED BY
YEARS

2024

- **Paul A. Gagniuc**. *Coding Examples from Simple to Complex - Applications in Javascript*, Springer, 2024, pp. 1-240.
- **Paul A. Gagniuc**. *Coding Examples from Simple to Complex - Applications in Python*, Springer, 2024, pp. 1-245.
- **Paul A. Gagniuc**. *Coding Examples from Simple to Complex - Applications in MATLAB*, Springer, 2024, pp. 1-255.
- **Paul A. Gagniuc**. *Antivirus Engines: From Methods to Innovations and Applications*, Elsevier, Syngress, 2024, pp. 1-656.

- 2023 ▪ Thomas, K.E., **Gagniuc, P.A.** & Gagniuc, E. *Moonlighting genes harbor antisense ORFs that encode potential membrane proteins*. Sci Rep 13, 12591 (2023) [WOS:001042854100021].
- **Paul A. Gagniuc**. *An Introduction to Programming Languages: Simultaneous Learning in Multiple Coding Environments*. Synthesis Lectures on Computer Science. Springer International Publishing, 2023, pp. 1-280.
- 2021 ▪ **Paul A. Gagniuc**. *Algorithms in Bioinformatics: Theory and Implementation*. John Wiley & Sons, Hoboken, NJ, USA, 2021, ISBN: 9781119697961.
- 2020 ▪ **Paul A. Gagniuc**, Constantin Ionescu-Tirgoviste, Elvira Gagniuc, Manuella Militaru, Lawrence Chukwudi Nwabudike, Bujorel Ionel Pavaloiu, Andrei Vasilăţeanu, Nicolae Goga, George Drăgoi, Irinel Popescu, and Simona Dima. *Spectral forecast: A general purpose prediction model as an alternative to classical neural networks*. Chaos 30, 033119 (2020); doi: 10.1063/1.5120818 (American Institute of Physics) [WOS:000519075200001].
- 2019 ▪ **Gagniuc, P.A.**, Ionescu-Tirgoviste, C., Gagniuc, E.. *Photon-pixel coupling: a method for parallel acquisition of electrical signals for scientific investigations*. Methods X, 6(2019) 968-979 [WOS:000493729600109].
- 2018 ▪ **Constantin IONESCU-TIRGOVISTE***, **Paul A. GAGNIUC***, Elvira Gagniuc. *The electrical activity map of the human skin indicates strong differences between normal and diabetic individuals: A gateway to onset prevention*. Biosensors and Bioelectronics, 120 (2018) 188–194. (Elsevier) [IF=14] [WOS:000446288900025]
- Ionescu-Tirgoviste, C., **Gagniuc, P.A.**, Gagniuc, E.. *Maps of electrical activity in diabetic patients and normal individuals*. Data Brief. 2018, 21: 795–832 [WOS:000457925900110].
- 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 Endocrinol (Buchar). 2018 Oct-Dec;14(4):520-524. doi: 10.4183/aeb.2018.520. PMID: 31149306; PMCID: PMC6516414. [WOS:000465157500013].
- 2017 ▪ **Paul A. Gagniuc**. *Markov chains: from theory to implementation and experimentation*. Hoboken, NJ, John Wiley & Sons, USA, 2017, ISBN: 978-1-119-38755-8.
- 2016 ▪ **Paul A. Gagniuc**, Constantin Ionescu-Tirgoviste. *Compression Up To Singularity: A Model For Lossless Compression And Decompression Of Information*. Proc. Rom. Acad., Series B, 2016, 18(3), p. 169–174.
- 2015 ▪ **Constantin IONESCU-TIRGOVISTE***, **Paul A. GAGNIUC***, Elvira GUBCEAC, Liliana MARDARE, Irinel POPESCU, Simona DIMA, Manuella MILITARU. *A 3D map of the islet routes throughout the healthy human pancreas*. Sci. Rep. 5, 14634; doi: 10.1038/srep14634 (2015). (NATURE). [WOS:000361876500001].
- **Ionescu-Tirgoviste C***, **Gagniuc PA***, Guja C (2015) *Structural Properties of Gene Promoters Highlight More than Two Phenotypes of Diabetes*. PLoS ONE 10(9): e0137950. [WOS:000361769400038].
- Ionescu-Tirgoviste C, **Gagniuc PA**, Roxana Stoica and Cristian Guja. *The first diabetogenic moves*. Proc. Rom. Acad., Series B, 2015 17(3), p.245-254.
- Daniela Lixandru, Elena Violeta Băcanu, Bogdana Virgolici, Horia Virgolici, Alexandru Petruţa, Marius Emil Băcanu, **Paul Gagniuc**, Constantin Ionescu-Tirgoviste, Cristian Serafinceanu. *Changes In The Serum Proinflammatory Cytokines In Patients With Elevated Homa-Ir And Type 2 Diabetes Mellitus*. FARMACIA, 2015, 63(1):132-139. [ISI=1.251] [WOS:000349742300021].

- 2014
- C. Ionescu-Tîrgoviste, **P. Gagniuc** and C. Guja, *A Chalange For The Autoimmune Diabetogenic Mechanism In Type 1 Diabetes*. ACTA ENDOCRINOLOGICA (BUC), 2014 [ISI=0,45]. [WOS:000339535700001].
 - **Paul GAGNIUC**, Constantin IONESCU-TÂRGOVIȘTE. *GHDNA: A Hash Function For Dna Segment-Based Alignments And Motif Search*. Proc. Rom. Acad., Series B, 2014, 16(3), p. 177-189.
 - Constantin IONESCU-TIRGOVISTE, Cristian GUJA, **Paul GAGNIUC**. *In Debate: The Primary Cause Of Type 1 Diabetes*. Proc. Rom. Acad., Series B, 2014, 16(3), p. 190-212.
- Mitu, M. & Petcu, L. & Tudosoiu, J. & Mihai, Doina Andrada & Carniciu, Simona & **Gagniuc, Paul** & Lixandru, Daniela & Ionescu-Tîrgoviște, Constantin. (2014). Correlations between resting metabolic rate and anthropometric parameters in newly diagnosed type 2 diabetic patients. *Atherosclerosis*. 235. e190-e191. [WOS:000342411000553].
- 2013
- Gagniuc** and Ionescu-Tîrgoviște, *Gene promoters show chromosome specificity and reveal chromosome territories in humans*, BMC Genomics 2013, 14:278. [ISI=4.40]. [WOS:000319660200001].
- **P.A. Gagniuc**, C. Ionescu-Tîrgoviște, C. H. Rădulescu, *Automatic growth detection of cell cultures through outlier techniques*. INT J COMPUT COMMUN, 8(3):407-415, 2013. [ISI=1.507]. [WOS:000319952400006].
 - **Paul Gagniuc**, Constantin Ionescu-Tîrgoviște, *DYNAMIC BLOCK ALLOCATION FOR BIOLOGICAL SEQUENCES*, Proc. Rom. Acad., Series B, 2013, 15(3), p. 233–240.
 - Cristian Guja, Loreta Guja, **Paul Gagniuc** and Constantin Ionescu-Tîrgoviște. *LANDSCAPE OF MONOGENIC DIABETES IN THE THIRD MILLENIUM*. Proc. Rom. Acad., Series B, 2013, 15(3), p. 217–232.
 - Kiessoum Konaté, Thérèse Kassi, Patrice Zerbo, Oksana Sytar, Marian Brestic, Patrick Van Damme, **Paul Gagniuc**, Nicolas Barro, *Free radicals scavenging capacity, Anti-diabetic and Anti-hypertensive activities of flavonoid-rich fractions from leaves of Trichilia emetica and Opilia amentacea in an animal model of type 2 diabetes mellitus*, Evidence-Based Complementary and Alternative Medicine, 2013. [ISI=1.722]. [WOS:000330904700001].
- 2012
- Gagniuc** and Ionescu-Tîrgoviste: *Eukaryotic genomes may exhibit up to 10 generic classes of gene promoters*. BMC Genomics 2012, 13:512. [ISI=4.07]. [WOS:000314644800001].
- **Paul Gagniuc**, Paul Dan Cristea, Rodica Tuduce, Constantin Ionescu-Tîrgoviște, Lucian Gavrila, *DNA patterns and evolutionary signatures obtained through Kappa Index of Coincidence*, Rev. Roum. Sci. Techn. – Électrotechn. et Énerg., 57, 1, p. 100–109, 2012. [ISI=1.461]. [WOS:000303096800011].
 - Cristian Guja, **Paul Gagniuc** and Constantin Ionescu-Tîrgoviște. *Genetic factors involved in the pathogenesis of type 2 diabetes*. Proc. Rom. Acad., Series B, 2012, 1, p. 44–61. (indexata ISI Web of Science).
 - **Paul Gagniuc** and Constantin Ionescu-Tîrgoviște. *An evolutionary perspective on adiponectin and insulin gene promoters*. Adipobiology 2012; 4: 103-108.
 - Constantin Ionescu-Tîrgoviște, Răzvan Vasilescu, Romulus Timar, Cristian Guja, **Paul Gagniuc**, Elena Violeta Băcanu, Ramona Gligor, and Simona Carniciu: *The proinsulin-to-adiponectin ratio could be the best practical indicator of the early (prehyperglycaemic) phase of type 2 diabetes*. Adipobiology 2012; 4:41-50 (ISSN 1313-3705).

- 2011
- **Paul Gagniuc**, Constantin Ionescu-Tîrgoviște, *Insulin and islet amyloid polypeptide genes in different species*, Proc. Rom. Acad., Series B, 2011, 3, p. 199–205. (indexata ISI Web of Science)
 - **Paul Gagniuc** et al., *A sensitive method for detecting dinucleotide islands through depth analysis*, Romanian Journal of Diabetes Nutrition and Metabolic Diseases, 18(2):165-170, 2011. (indexata ISI Web of Science)
 - **Paul Gagniuc** et al., *Detection of possible restriction sites for type II restriction enzymes in DNA sequences*, Romanian Journal of Internal Medicine, 49(2):121-128, 2011. (indexata ISI Web of Science)
 - **Paul Gagniuc** et al., *Automatic growth detection of cell cultures through outlier techniques*, GSP 2011, 2nd International Workshop on Genomic Signal Processing, pp. 143-147, 2011.
 - **Paul Gagniuc** et al., *Dynamic Block Allocation for DNA sequences*, GSP 2011, 2nd International Workshop on Genomic Signal Processing, pp. 125-130, 2011.
 - **Paul Gagniuc** et al., *Practical implementation for reading genomic signals from large FASTA files*, GSP 2011, 2nd International Workshop on Genomic Signal Processing, pp. 135-137, 2011.
 - **Paul Gagniuc et al.** *Genomin: a software framework for reading genomic signals*. Proc. Rom. Acad., Series B, 13(1):53–62, 2011. (indexata ISI Web of Science)

SCIENTIFIC RESEARCH ARTICLES PUBLISHED IN VOLUMES OF NATIONAL AND INTERNATIONAL SCIENTIFIC EVENTS

Eukaryotic Promoter Database

- **Paul A. Gagniuc**, Constantin Ionescu-Tîrgoviste, Cristian Guja. *A pattern approach for promoter research*. Eukaryotic Promoter Database - 30th Anniversary Symposium, Promoter Research: Past, Present and Future. pp 6-7, 2016.

Agriculture for Life, Life for Agriculture

- Gubceac E., Gaita L., **Gagniuc P.**, Militaru M. 2015, *FRACTAL CHARACTERISTICS OF ADIPOCYTE DYNAMICS IN MICE*. Scientific Works. Series C. Veterinary Medicine, Vol. LXI, ISSN 2065-1295, 51-56.

Adipobiology

- **Paul Gagniuc** and Constantin Ionescu-Tîrgoviște. *An evolutionary perspective on adiponectin and insulin gene promoters*. Adipobiology 2012; 4: 103-108.

Adipobiology

- Constantin Ionescu-Tîrgoviște, Răzvan Vasilescu, Romulus Timar, Cristian Guja, **Paul Gagniuc**, Elena Violeta Băcanu, Ramona Gligor, and Simona Carniciu: The proinsulin-to-adiponectin ratio could be the best practical indicator of the early (prehyperglycaemic) phase of type 2 diabetes Adipobiology 2012; 4:41-50 (ISSN 1313-3705).

2nd International Workshop on Genomic Signal Processing

- **Paul Gagniuc** et al., *Automatic growth detection of cell cultures through outlier techniques*, GSP 2011, 2nd International Workshop on Genomic Signal Processing, pp. 143-147, 2011.

2nd International Workshop on Genomic Signal Processing

- **Paul Gagniuc** et al., *Dynamic Block Allocation for DNA sequences*, GSP 2011, 2nd International Workshop on Genomic Signal Processing, pp. 125-130, 2011.

2nd International Workshop on
Genomic Signal Processing

- **Paul Gagniuc** et al., *Practical implementation for reading genomic signals from large FASTA files*, GSP 2011, 2nd International Workshop on Genomic Signal Processing, pp. 135-137, 2011.

ORAL PRESENTATIONS (guest
speaker)

UMFST George Emil Palade,
Targu Mures

- **P. A. Gagniuc**. *Inteligenta artificiala: Intre realitate, promisiune si adevar*. **Conferinta Nationala Tehnologia & IHealth in Medicina Secolului XXI**, sectiunea Bioinformatica & Inteligenta Artificiala, sala F2, Targu Mures, 6-9 Iulie 2022. (invited speaker: *Paul Gagniuc*).

UMFST George Emil Palade,
Targu Mures

- **P. A. Gagniuc**. *Cartografierea activitatii electrice a pielii la om: Harta activitatii electrice indică diferențe puternice între indivizii normali și cei diabetici*. **Conferinta Nationala Tehnologia & IHealth in Medicina Secolului XXI**, sectiunea Diabet-Nutritie, sala F1, Targu Mures, 6-9 Iulie 2022. (invited speaker: *Paul Gagniuc*).

Universitatea Politehnica din
Bucuresti

- **P. A. Gagniuc**. *Food can be weaponized: solutions and concerns*. **FOOD you TRUST International Symposium: Raw Concept in the Food Chain Quality and Analytics**. Bucuresti, Romania, 08-09 June 2022 | Biblioteca UPB, 3rd floor. (invited speaker: *Paul Gagniuc*).

Academia de Stiinte Medicale

- Elvira Gagniuc, **P.Gagniuc**, **C.Guja**, C.Ionescu-Tîrgoviște. *Studiul privind relația dintre volumul adipocitelor și suprafața mitocondriilor la animalele mari*. Bucuresti, Romania, Noiembrie 1, 2018. (invited speaker: *Paul Gagniuc*).

Congresul Anual al Asociatiei
Medicale Romane, Romania

- **Paul A. Gagniuc**, C. Ionescu-Tîrgoviște, E. Gagniuc. *Istorie, medicină și predicție*. Congresul Anual al Asociatiei Medicale Romane, Bucuresti, Romania, August 31 – September 1, 2018. (invited speaker: *Paul Gagniuc*).

EUBIROD Network

- **Paul A. Gagniuc**. *Prevalence of Diabetes and Prediabetes in Adult Romanian Population*. 2nd BRIDGE HEALTH Meeting of the EUBIROD Network "BEST INFORMATION FOR PERSON-CENTRED HEALTH CARE", Nicosia, CYPRUS, 20th-23rd September 2017 (invited speaker: *Paul Gagniuc*).

Congresul Anual al Asociatiei
Medicale Romane, Romania

- **Paul A. Gagniuc**, C. Ionescu-Tîrgoviste. *Relatia promotorilor genelor exprimate în splină comparativ cu cele ale organelor implicate în imunitate si hematogeneza*. Congresul Anual al Asociatiei Medicale Romane, Bucuresti, Romania, Aprilie 20-22, 2017. (invited speaker: *Paul Gagniuc*).

Eukaryotic Promoter Database

- **Paul Gagniuc** – *A pattern approach for promoter research*. Eukaryotic Promoter Database - 30th Anniversary Symposium, Promoter Research: Past, Present and Future. Switzerland, September 29-30, 2016. (invited speaker: *Paul Gagniuc*).

Congresul Anual al Asociatiei
Medicale Romane , Romania

- **Paul Gagniuc** – *Accelerated evolution of neural networks through genetic algorithms*. Congresul Anual al Asociatiei Medicale Romane, Bucuresti, Romania, Aprilie 25-27, 2016. (invited speaker: *Paul Gagniuc*).

Congresul Anual al Asociatiei
Medicale Romane , Romania

- **Paul Gagniuc** – *Algoritmi originali de prelucrare si analiza a datelor*. Congresul Anual al Asociatiei Medicale Romane, Bucuresti, Romania, Aprilie 25-27, 2016. (invited speaker: *Paul Gagniuc*).

New Trends on Sensing -
Monitoring - Telediagnosis for Life
Sciences Brasov, Romania

- **Paul Gagniuc**, Constantin Ionescu-Tîrgoviște, Cristian Guja, Elvira Gubceac, Simona Carniciu – *Bioinformatics methods in support of identifying the pathogenetic mechanisms of diabetes Mellitus*. New Trends on Sensing - Monitoring - Telediagnosis for Life Sciences Brasov, Romania, July 24-26, 2014. (invited speaker: *Paul Gagniuc*).

al 40-lea Congres National al
Societatii Romane de Diabet,
Nutritie si Boli Metabolice

- **Paul Gagniuc**, C. Ionescu-Tîrgoviște, C. Guja – *New correlations between genes associated with autoimmunity and type 1 diabetkiesses*. al 40-lea Congres National al Societatii Romane de Diabet, Nutritie si Boli Metabolice, 21-24 May 2014, Sibiu, Romania. (invited speaker: *Paul Gagniuc*).

ACADEMICIAN NICOLAE CAJAL
SYMPOSIUM IXth

- C. Ionescu-Tîrgoviște, **Paul Gagniuc**, C. Guja – *Relationship between genes associated with type 1 diabetes and Immunity*, ACADEMICIAN NICOLAE CAJAL SYMPOSIUM IXth, 14 MAY 2014, Hotel Novotel City Center, Bucharest. (speaker: *Paul Gagniuc*).

CONGRESUL ANUAL AL
ASOCIAȚIEI MEDICALE
ROMÂNE

- **Paul Gagniuc**, C. Ionescu-Tîrgoviște – *Noutati in genetica si genomica*, CONGRESUL ANUAL AL ASOCIAȚIEI MEDICALE ROMÂNE, 10-13 APRILIE 2014, Academia Română, București. (invited speaker: *Paul Gagniuc*).

al 39-lea Congres National al
Societatii Romane de Diabet,
Nutritie si Boli Metabolice

- **P. Gagniuc**, C. Guja, C. Ionescu-Tîrgoviște. *Insulin correlates with brain mass and adiponectin with body mass: aspects of gene promoter evolution*. al 39-lea Congres National al Societatii Romane de Diabet, Nutritie si Boli Metabolice, 22-25 May 2013, Sibiu, Romania. (invited speaker: *Paul Gagniuc*).

Third International Symposium on
ADIPOBIOLOGY AND
ADIPOPHARMACOLOGY

- **Paul Gagniuc** and Constantin Ionescu-Tîrgoviște, *An evolutionary perspective on adiponectin and insulin gene promoters*, Third International Symposium on ADIPOBIOLOGY AND ADIPOPHARMACOLOGY (ISAA), 25-27 October 2012, Burgas, Bulgaria. (invited speaker: *Paul Gagniuc*).

CONGRESUL ANUAL AL
ASOCIAȚIEI MEDICALE
ROMÂNE

- **Paul Gagniuc**, Cristian Guja, C. Ionescu-Tîrgoviște – *O nouă abordare a analizei nucleotidelor folosind indicele de coincidenta Kappa*, CONGRESUL ANUAL AL ASOCIAȚIEI MEDICALE ROMÂNE, 26-28 APRILIE 2012, Academia Română, București. (invited speaker: *Paul Gagniuc*).

2nd International Workshop on
Genomic Signal Processing

- **Paul GAGNIUC** et al., *Practical implementation for reading genomic signals from large FASTA files*. GSP 2011 - 2nd International Workshop on Genomic Signal Processing, Bucharest, June 26-29, 2011. (invited speaker: *Paul Gagniuc*)

OTHER PARTICIPATION IN
CONGRESSES /
CONFERENCES /
SYMPOSIUMS

- Constantin Ionescu- Tîrgoviște, **Paul Gagniuc**, *Despre genetică, epigenetică și postepigenetică*. Federația română de diabet, nutriție Și boli metabolice. Al 9-lea Congres Național - 31 AUGUST - 2 SEPTEMBRIE 2011, ORADEA.
- Cristian Guja, **Paul Gagniuc**, C. Ionescu-Tîrgoviște – *Actualități în genetica tipului 2 de diabet*. Congresul anual al asociației medicale române, 26-28 aprilie 2012, Academia Română, București.
- C. Ionescu-Tîrgoviște, Cristian Guja, **Paul Gagniuc** – *Clinica, genetica, epigenetica și metabolomica diabetului zaharat*. Congresul anual al asociației medicale române, 26- 28 aprilie 2012, Academia Română, București.

- Toma Mihai, Stavarachi Monica, **Gagniu Paul**, Laurentiu Belusica, et al. *Predispoziția genetică în cancerul colorectal. Rolul polimorfismelor cu penetranță scăzută și riscul pentru cancerul colorectal.* Conferința Națională de Chirurgie - Cursul Aspecte de genetică ale cancerului colorectal, Sibiu, 19-21 mai 2011.

ABSTRACT PUBLISHED AT CONGRESSES AND CONFERENCES

EASD

- C. Ionescu-Tirgoviste, **P. Gagniu**, E. Gagniu. *Islet heterogeneity in the healthy human pancreas.* European Association for the Study of Diabetes (EASD), Diabetologia 2017, p 149, 2017.

Eukaryotic Promoter Database

- **Paul Gagniu** – *The DNA pattern methodology for gene promoters.* Eukaryotic Promoter Database - 30th Anniversary Symposium, Promoter Research: Past, Present and Future. Switzerland, September 29-30, 2016.

European Congress of the ECVF and ESVP

- E. Gagniu, **P.A. Gagniu**, C. Gal, M. Gherghiceanu and M. Militaru. *DISTRIBUTION OF ADIPOCYTE MITOCHONDRIA IN BOS TAURUS.* Joint European Congress of the ECVF and ESVP, Bologna, 7 to 10 September, 2016.

EASD

- Constantin Ionescu-Tirgoviste, **Paul Gagniu**, Elvira Gubceac. *Electrical patterns on the surface of the skin as a predictor for diabetes onset.* European Association for the Study of Diabetes (EASD), Diabetologia 2016, 2016 [WOS:000398373701184].

Adipobiology

- Elvira Gagniu, **Paul Gagniu**, Manuella Militaru. *THE INFLUENCE OF H1N1 VIRUS ON MAST CELLS ASSOCIATED WITH THE ADIPOSE TISSUE.* 4th International Symposium on ADIPOBIOLOGY and ADIOPHARMACOLOGY (ISAA). Bucharest, Romania, October 28 – 31.

Acta Diabetologica Romana

- **Paul Gagniu**, Constantin Ionescu-Tirgoviste, Cristian Guja. *New correlations between genes associated with autoimmunity and type 1 diabetes.* Acta Diabetologica Romana, Volume 40, pp. 41-54, 2014 (ISSN:1584-6571).

Diabetologia

- Constantin Ionescu-Tirgoviste, **Paul Gagniu**, Cristian Guja. *The promoters of genes associated with type 1 and type 2 diabetes seem to have some specific features.* Diabetologia 2012, Volume 55, Issue 1 Supplement, pp 1-538. DOI 10.1007/s00125-012-2688-9. [WOS:000208826501027].

Acta Diabetologica Romana

- **Paul Gagniu**, Constantin Ionescu-Tirgoviste, Cristian Guja. *Insulin correlates with brain mass and adiponectin with body mass: aspects of gene promoter evolution.* Acta Diabetologica Romana, Volume 39, pp. 47-51, 2013.

EASD

- Constantin Ionescu-Tirgoviste, **Paul Gagniu**, Cristian Guja. *Intermediary diabetes mellitus (IDM): a new pathology between boundaries.* European Association for the Study of Diabetes (EASD), Diabetologia 2014, 2014. [WOS:000344386100340].

EASD

- Cristian Guja, **Paul Gagniu**, Constantin Ionescu-Tirgoviste. *The promoters of genes may be the closest link between type 1 diabetes and other autoimmune diseases.* European Association for the Study of Diabetes (EASD), Diabetologia 2014, 2014. [WOS:000208826501027].

Al 41-lea Congres al Societății Române de Diabet, Nutriție și Boli Metabolice

- **Paul A. Gagniu**, Constantin Ionescu-Tirgoviste, Elvira Gubceac. *Do we really know the anatomy of the human pancreas?: new insights into the islets of Langerhans.* Al 41-lea Congres al Societății Române de Diabet, Nutriție și Boli Metabolice, Sibiu, 20-23 mai, 2015.

Agriculture for Life, Life for Agriculture	▪ Elvira GUBCEAC, Liviu GAITA, Paul GAGNIUC, Manuella MILITARU. <i>Fractal Characteristics Of Adipocyte Dynamics In Mice</i>. The International Conference of the University of Agronomic Sciences and Veterinary Medicine of Bucharest, "Agriculture for Life, Life for Agriculture", June 4 - 6, 2015, Bucharest, Romania.
SIMPOZION ACADEMICIAN NICOLAE CAJAL	▪ Constantin Ionescu-Tîrgoviște, Sabina Zurac, Cristian Guja, Costin Caruntu, Paul Gagniuc, Mihaela Ghita. <i>THE LANGERHANS CELLS: 147 YEARS SINCE THEIR DISCOVERY</i>. CONFERINTA MEDICINA TRANSLATIONALA, desfasurata in cadrul celui de-al X-lea SIMPOZION ACADEMICIAN NICOLAE CAJAL, Bucuresti, 2015.
Symposium on ADIPOBIOLOGY and ADIOPHARMACOLOGY	▪ Paul A. Gagniuc, Constantin Ionescu-Tîrgoviste, Elvira Gubceac, Cristian Guja. <i>A correlation between Intermediary Diabetes Mellitus and Obesity</i>. 4th International Symposium on ADIPOBIOLOGY and ADIOPHARMACOLOGY (ISAA). Bucharest, Romania, October 28 - 31, 2015.
Congresul Anual al Asociatiei Medicale Romane	▪ Paul A. Gagniuc, Elvira Gubceac, Liliana Mardare, Cristian Guja, Constantin Ionescu-Tîrgoviste. <i>Exista reguli in distributia insulelor Langerhans ? : abordari noi in analiza tesuturilor complexe</i>. Congresul Anual al Asociatiei Medicale Romane la Academia Romana, 16 aprilie 2015.
EUROPEAN BIOTECHNOLOGY CONGRESS 2015	▪ Elvira Gubceac, Paul A. Gagniuc, Manuella MILITARU. <i>Dynamic expansion of the adipose tissue: morphometry applications in establishing the distribution of white adipocytes in obesity-induced mice</i>. 'EUROPEAN BIOTECHNOLOGY CONGRESS 2015' will be held in BUCHAREST, between 7 – 9 May. [WOS:000359087000064]
51st EASD Annual Meeting	▪ C. Ionescu-Tîrgoviste, C. Guja, A. Suditu, P. Gagniuc, S. Stefan. <i>Plasma proinsulin level as a strong marker of predisposition to clinical diabetes</i>. 51st EASD Annual Meeting, Stockholm, Sweden, 14-18 September 2015.
Journal of Biotechnology	▪ E Gubceac, PA Gagniuc, M Militaru. <i>Dynamic expansion of the adipose tissue: Morphometry applications in establishing the distribution of white adipocytes in obesity-induced mice</i>, 2015, Journal of Biotechnology, Elsevier. [WOS:000359087000064]
MEMBER OF SCIENTIFIC COMMITTEES	
ADIPOBIOLOGY Symposium	▪ Member of the Scientific Committee - 4th International Symposium on ADIPOBIOLOGY and ADIOPHARMACOLOGY (ISAA). Bucharest, Romania, October 28 – 31, 2015.
CONGRESUL ANUAL AL ASOCIAȚIEI MEDICALE ROMÂNE	▪ Member of the Scientific Committee - THE ROMANIAN MEDICAL ASSOCIATION ANNUAL CONGRESS. Bucharest, Romania, August 31 – September 1, 2018.
CONGRESUL ANUAL AL ASOCIAȚIEI MEDICALE ROMÂNE	▪ Member of the Scientific Committee - THE ROMANIAN MEDICAL ASSOCIATION ANNUAL CONGRESS. Bucharest, Romania, April 25 – 27, 2016.
PROCEEDINGS OF THE ROMANIAN ACADEMY, Series B	▪ Scientific Secretary Editor (since 2011) of <i>PROCEEDINGS OF THE ROMANIAN ACADEMY, Series B: Chemistry, Life Sciences and Geoscience</i> journal. (ISSN : 1454-8267).
ADIPOBIOLOGY Journal	▪ Member of the editorial board of the journal ADIPOBIOLOGY.

MEMBER OF SCIENTIFIC ASSOCIATIONS AND SOCIETIES

- Member of EASD - European Association for the Study of Diabetes, since 2014.
- Member of Bulgarian Society for Cell Biology, since 2012.
- Member of Romanian Society of Diabetes, Nutrition and Metabolic Diseases 2013.
- Member of Romanian Medical Association, since 2012.

POSTER PRESENTATIONS AT INTERNATIONAL CONFERENCES

Joint European Congress of the ECVP and ESVP

- E. Gagniuc, C. Gal, **P.A. Gagniuc** and M. Militaru. *DYNAMICS OF EXPANSION AND DISTRIBUTION OF WHITE ADIPOCYTES IN COWS (BOS TAURUS)*, Joint European Congress of the ECVP and ESVP, September 5th –8th, 2018, Cluj-Napoca, Romania.

EASD

- C. Ionescu-Tirgoviste, **P. Gagniuc**, E. Gagniuc. *Islet heterogeneity in the healthy human pancreas. #401*, 53rd EASD Annual Meeting, 11 – 15 September 2017, Lisbon, Portugal.

Eukaryotic Promoter Database

- **Paul Gagniuc** – *The DNA pattern methodology for gene promoters*. Eukaryotic Promoter Database - 30th Anniversary Symposium, Promoter Research: Past, Present and Future. Switzerland, September 29-30, 2016.

Joint European Congress of the ECVP and ESVP

- E. Gagniuc, **P.A. Gagniuc**, C. Gal, M. Gherghiceanu and M. Militaru. *DISTRIBUTION OF ADIPOCYTE MITOCHONDRIA IN BOS TAURUS*, Joint European Congress of the ECVP and ESVP, Bologna, 7 to 10 September, 2016.

EASD

- Constantin Ionescu-Tirgoviste, **Paul Gagniuc**, Elvira Gubceac. *Electrical patterns on the surface of the skin as a predictor for diabetes onset. #379*. European Association for the Study of Diabetes (EASD), 12 - 16 September in Munich, Germany, 2016 [WOS:000398373701184].

EASD

- Constantin Ionescu-Tirgoviste, **Paul Gagniuc**, Cristian Guja, *Gene promoters associated with type 1 and type 2 diabetes exhibit specific structural features*, European Association for the Study of Diabetes (EASD). October 1-5, 2012. Berlin, Germany.

EASD

- Constantin Ionescu-Tirgoviste, **Paul Gagniuc**, Cristian Guja. *Intermediary diabetes mellitus (IDM): a new pathology between boundaries. #340*. European Association for the Study of Diabetes (EASD), Vienna, Austria, 2014. [WOS:000344386100340].

EASD

- Cristian Guja, **Paul Gagniuc**, Constantin Ionescu-Tirgoviste. *The promoters of genes may be the closest link between type 1 diabetes and other autoimmune diseases. #436*. European Association for the Study of Diabetes (EASD), Vienna, Austria, 2014. [WOS:000344386101089].

POSTER PRESENTATIONS AT NATIONAL CONFERENCES

AMR

- E. Gagniuc, **P.A. Gagniuc** and M. Militaru. *Morfologia mitocondriilor adipocitare in relatie cu dinamica tesutului adipos la vaca*. Al 12-lea Congres Annual al Asociației Medicale Române, 30 August to 1 September, 2018, Bucharest, Romania.

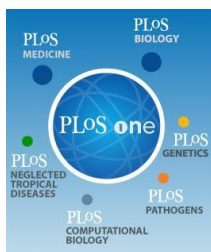
RESEARCH PROJECTS

- Trainer in "Skills development in transplantation", POSDRU/186/3.2/S/155295, Financed from the European Social Fund Operational Programme Human Resources Development 2007 - 2013 Invest in people! "Training and support for enterprises and employees to promote adaptability".
- The postdoctoral program *CERO – Profil De Carieră: Cercetător Român*, project number POSDRU/159/1.5/S/135760. Postdoctoral Research Theme: *Identification of diabetogenic gene networks and the 3D identification of human pancreatic islets*. The project budget : 12000000 lei.
- Active participation in the project PN-III-P1-1.2-PCCDI-2017-0797: "*Pathogenic mechanisms and personalized treatment in pancreatic cancer using multi-omics technologies*". The project budget: 5,287,500.00 lei. P1 – Universitatea de Medicină și Farmacie "Grigore T. Popa" Iași, P2 – Universitatea de Medicina si Farmacie din Craiova, P3 – Universitatea Bucuresti, P4 – Institutul de Biologie si Patologie Celulara „Nicolae Simionescu".
- Active participation in the project PN-II-ID-PCE-2011-3-0429, Romanian National Authority for Scientific Research. Contracting Authority: Executive Unit for Financing Higher Education, Research, Development and Innovation (UEFISCDI), Cod: PN-II-ID-PCE-2011-3-0429, Contract: 183/28.10.2011, Duration: October 2011 – July 2016, The project budget : 1410500 lei.

TRAINING PROJECTS

- Expert Trainer in „*SKILLS DEVELOPMENT IN TRANSPLANTATION*” project, POSDRU/186/3.2/S/155295, C.I.M. nr. 1967/25.08.2015. Beneficiary: ROMANIAN ACADEMY OF MEDICAL SCIENCE.

EDITORIAL BOARD POSITIONS ON SCIENTIFIC JOURNALS



PLOS ONE - Editorial Board member (since 2020)

<https://journals.plos.org/plosone/static/editorial-board>

- Paul Aurelian Gagniuc
University Politehnica of Bucharest
- ROMANIA
Subject Areas: Biology and life sciences, Cell biology, Computational biology, Evolutionary biology, Genetics, Systems biology, Biochemistry, Medicine and health sciences, Endocrinology

SPECIALIZED REVIEWER FOR SCIENTIFIC JOURNALS

Briefings in Bioinformatics



Reviewer (since 2024) - of *Briefings in Bioinformatics*. (ISSN: 1467-5463). Impact factor: **9.5**

<https://academic.oup.com/bib/>

British Medical Journal



Reviewer (since 2018) - of *British Medical Journal*. (ISSN: 0959-8138).
Impact factor: **96**

<https://www.bmj.com/>

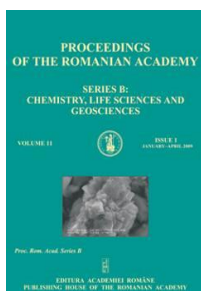
Royal Society Open Science



Reviewer (since 2024) - of *Royal Society Open Science*. (ISSN: 2054-5703).
Impact factor: **3.7**

<https://royalsocietypublishing.org/journal/rsos>

PROCEEDINGS OF THE ROMANIAN ACADEMY, Series B

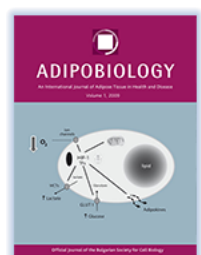


Scientific Secretary Editor (since 2011) of *PROCEEDINGS OF THE ROMANIAN ACADEMY, Series B: Chemistry, Life Sciences and Geoscience* journal. (ISSN : 1454-8267).

Reviewer (since 2011) - of *PROCEEDINGS OF THE ROMANIAN ACADEMY, Series B: Chemistry, Life Sciences and Geoscience* journal. ISSN : 1454-8267.

<http://www.academiaromana.ro/proceedingsChemistry.htm>

Adipobiology



Member of the Editorial Board (since 2014) - of *Adipobiology* journal. (ISSN: 1313-3705).

<http://press.mu-varna.bg/ojs/index.php/adipo/about/editorialTeam>

African Journal of Microbiology Research



Reviewer (since 2013) - of *African Journal of Microbiology Research*. (ISSN 1996-0808). Impact factor: **0.54**

<http://academicjournals.org/ajmr/archive.htm>

Integrative Biology



Reviewer (since 2014) - of *Integrative Biology*
(ISSN:1757-9708). Impact factor: **4.32**

<http://pubs.rsc.org/en/journals/journalissues/ib>

Diagnostics



Reviewer (since 2020) - of *Islets* (Online ISSN 2075-4418).
Impact factor: **2.5**

<https://www.mdpi.com/journal/diagnostics>

PLoS One



Reviewer (since 2014) - of *PLoS One*
(ISSN: 1932-6203). Impact factor: **4.24**

<http://www.plosone.org/>

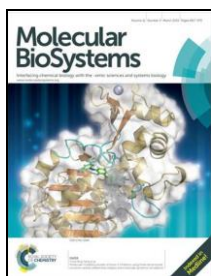
Gene



Reviewer (since 2014) - of *Gene*
(ISSN: 0378-1119). Impact factor: **2.246**

<http://www.journals.elsevier.com/gene/>

Molecular BioSystems



Reviewer (since 2016) - of *Molecular BioSystems*:
Royal Society of Chemistry (ISSN: 0378-1119).
Impact factor: **3.21**

<http://pubs.rsc.org/en/journals/journalissues/mb>

Acta Endocrinologica



Reviewer (since 2016) - of *Acta Endocrinologica* (ISSN: 1841 - 0987).
Impact factor: **0.27**

<http://www.acta-endo.ro/>

Cell Biology International



Reviewer (since 2016) - of *Cell Biology International* (Online ISSN: 1095-8355).
Impact factor: **1.7**

[http://onlinelibrary.wiley.com/journal/10.1002/\(ISSN\)1095-8355](http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)1095-8355)

Islets



Reviewer (since 2019) - of *Islets* (Print ISSN: 1938-2014 Online ISSN: 1938-2022).
Impact factor: **1.879**

<https://www.tandfonline.com/loi/kisl20>

Biomedicines



Reviewer (since 2020) – of *Biomedicines* (ISSN 2227-9059; CODEN: BIOMID).

<https://www.mdpi.com/journal/biomedicines>

International Journal of Molecular Sciences



Reviewer (since 2020) - of *International Journal of Molecular Sciences* (ISSN 1422-0067; CODEN: IJMCFK; ISSN 1661-6596 for printed edition).
Impact factor: **4.183**

<https://www.mdpi.com/journal/ijms>

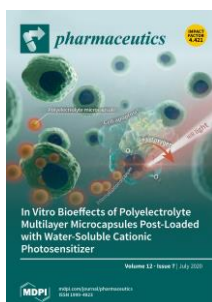
Cosmetics



Reviewer (since 2020) – of *Cosmetics* (ISSN 2079-9284)

<https://www.mdpi.com/journal/cosmetics/>

Pharmaceutics

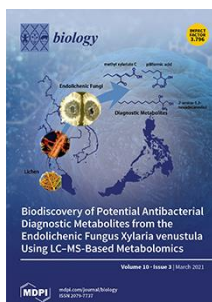


Reviewer (since 2021) - of *Pharmaceutics* (ISSN 1999-4923).

Impact factor: **4.421**

<https://www.mdpi.com/journal/pharmaceutics/>

Biology



Reviewer (since 2021) – of *Biology* (ISSN 2079-7737; CODEN: BBSIBX)

Impact factor: **3.8**

<https://www.mdpi.com/journal/biology>

LANGUAGE COMPETENCE

Native language

Romanian

Other Languages

English

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Conversation	Oral speech	
Advanced	Advanced	Advanced	Advanced	Advanced