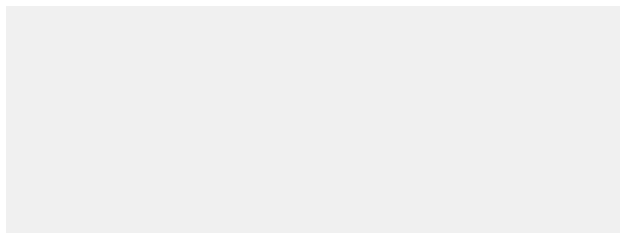


INFORMAȚII PERSONALE

Seclaman Edward Paul



EXPERIENȚA PROFESIONALĂ

Octombrie 1994 – August
1996

Asistent cercetare stagiar

Institutul de Chimie Timisoara, Timisoara, Blvd Mihai Viteazu nr. 24

EDUCAȚIE ȘI FORMARE

1999 - 2005

Studii doctorale – Doctor in Chimie

Universitatea de Vest Timisoara

Titlul tezei de doctorat:

Contributii la studii QSAR 3D la substante cu afinitate pentru receptorul estrogenic.**Disruptori endocrine**, confirmata prin OMEN Nr. 3956/25.04.2005

1996 - 1997

Master in Chimie Compusilor cu Activitate Biologica

Universitatea de Vest Timisoara, Facultatea de Chimie-Biologie-Geografie, Sectia Chimie

1991-1996

Licentiat in Chimie

Universitatea de Vest Timisoara, Facultatea de Chimie-Biologie-Geografie, Sectia Chimie

Alte limbi străine cunoscute

	INTELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare la conversație	Discurs oral	
Engleza	B2	B2	B2	B2	B2
Franceza	B2	B2	B2	B2	B2

Niveluri: A1/2: Utilizator elementar - B1/2: Utilizator independent - C1/2: Utilizator experimentat
Cadrul european comun de referință pentru limbi străine

Training-uri și burse:

- 21.04 – 05.05.2006 training Institut Pasteur, Paris, France
- 14.03 – 07.04.2006 training New Mexico School of Medicine, Division of Biocomputing, Albuquerque, USA
- 1999-Berlin și 2001-Brisbane Bursier IUPAC, 2005-Opatija Bursier Humboldt

Proiecte de cercetare:

- Proiect CEEX, Proiect de cercetare de excelență pentru tinerii cercetători, contract nr. 5855/18.09.2006, "Markeri genetici cu aplicații în prognosticul clinic și răspunsul la terapie al pacienților cu leucemie mieloidă acută", 140 000 RON/2 ani
- Proiect CEEX, Proiect de cercetare de excelență pentru tinerii cercetători, contract nr. 2979/11.05.2005, "Dezvoltarea de tehnici noi QSAR pentru identificarea de substanțe cu potențial de disruptor endocrin", 100 000 RON/2 ani

ACTIVITATE ȘTIINȚIFICĂ

HI = 13

57 publicatii (Web of Science)

423 citari (Web of Science)

Lista Lucrari (selectie):

- Paunescu IA, Bardan R, Marcu A, Nitusca D, Dema A, Negru S, Balacescu O, Balacescu L, Cumpănas A, Sirbu IO, Petrut B, Seclaman E, Marian C. Biomarker potential of plasma microRNA-150-5p in prostate cancer. Medicina (Kaunas). 2019;55(9):564. doi: 10.3390/medicina55090564.
- Gencia I, Baderca F, Avram S, Gogulescu A, Marcu A, Seclaman E, Marian C, Solovan C. A preliminary study of microRNA expression in different types of primary melanoma: MiRNA expression in primary melanoma. Bosn J of Basic Med Sci. 2019Aug;27. doi: 10.17305/bjbm.2019.4271
- Seclaman E, Balacescu L, Balacescu O, Bejinari C, Udrescu M, Marian C, Sirbu IO, Anghel A. MicroRNAs mediate liver transcriptome changes upon soy diet intervention in mice. J Cell Mol Med. 2019 Mar;23(3):2263-2267. doi: 10.1111/jcmm.14140.
- Seclaman E, Narita D, Anghel A, Cireap N, Ilina R, Sirbu IO, Marian C. MicroRNA expression in laser micro-dissected breast cancer tissue samples – a pilot study. Pathol Oncol Res. 2019;25(1):233. doi:10.1007/s12253-017-0343-y
- Balacescu O, Petrut B, Tudoran O, Feflea D, Balacescu L, Anghel A, Sirbu IO, Seclaman E, Marian C. Urinary microRNAs for prostate cancer diagnosis, prognosis, and treatment response: are we there yet?. Wiley Interdiscip Rev RNA. 2017;8(6). doi: 10.1002/wrna.1438 2020.
- Enatescu VR, Papava I, Enatescu I, Antonescu M, Anghel A, Seclaman E, Sirbu IO, Marian C. Circulating plasma micro RNAs in patients with major depressive disorder treated with antidepressants: a pilot study. Psychiatry Investig. 2016;13(5):549-557. doi: 10.4306/pi.2016.13.5.549
- Narita D, Seclaman E, Anghel A, Ilina R, Cireap N, Negru S, Sirbu IO, Ursoniu S, Marian C. Altered levels of plasma chemokines in breast cancer and their association with clinical and pathological characteristics. Neoplasma. 2016;63(1):141-149. doi: 10.4149/neo_2016_017
- Avram S, Pacureanu LM, Seclaman E, Bora A, Kurunczi L. PLS-DA - Docking Optimized Combined Energetic Terms (PLSDA-DOCET) protocol: a brief evaluation. J Chem Inf Model. 2011;51(12):3169-79. doi: 10.1021/ci2002268.
- Seclaman E, Bora A, Avram S, Simon Z, Kurunczi L. MTD-PLS and docking study for a series of substituted 2-phenylindole derivatives with oestrogenic activity. Chemical Papers, 2011;65(4): 566–576. doi: 10.2478/s11696-011-0040-3

10. Dehelean CA, Soica C, Peev C, Gruia AT, Seclaman E. Physico-chemical and molecular analysis of antitumoral pentacyclic triterpenes in complexation with gamma-cyclodextrin. *Rev Chim.* 2008; 59 (8), 887-890
11. Kurunczi L, Funar-Timofei S, Bora A, Seclaman E. Application of the MTD-PLS method to heterocyclic dye-cellulose interactions. *Int J Quantum Chem*, 2007;107, 2057–2065. doi: 10.1002/qua.21384
12. Auvynet C, Topalis D, Caillat C, Munier-Lehmann H, Seclaman E, Balzarini J, Agrofoglio LA, Kaminski PA, Meyer P, Deville-Bonne D, El Amri C. Phosphorylation of dGMP analogs by vaccinia virus TMP kinase and human GMP kinase. *Biochem Biophys Res Commun.* 2009;388(1):6-11. doi: 10.1016/j.bbrc.2009.07.089.
13. Seclaman E, Kurunczi L, Simon Z. "False" thymine-1H-Enol guanine base pair. low misinsertion rate by DNA polymerase explained by computational chemistry consideration. *Biochemistry (Mosc).* 2007;72(3):328-31. doi: 10.1134/s000629790703011x
14. Hible G, Christova P, Renault L, Seclaman E, Thompson A, Girard E, Munier-Lehmann H, Cherfils J. Unique GMP-binding site in *Mycobacterium tuberculosis* guanosine monophosphate kinase. *Proteins.* 2006;62(2):489-500. doi: 10.1002/prot.20662
15. Kurunczi L, Seclaman E, Oprea TI, Crisan L, Simon Z. MTD-PLS: a PLS variant of the minimal topologic difference method. III. Mapping interactions between estradiol derivatives and the alpha estrogenic receptor. *J Chem Inf Model.* 2005;45(5):1275-81. doi: 10.1021/ci050077c
16. Gallois-Montbrun S, Faraj A, Seclaman E, Sommadossi JP, Deville-Bonne D, Véron M. Broad specificity of human phosphoglycerate kinase for antiviral nucleoside analogs. *Biochem Pharmacol.* 2004;68(9):1749-56. doi: 10.1016/j.bcp.2004.06.012

Prof. Univ. Dr. Edward Seclaman

