


PERSONAL INFORMATION

Vitalie CHIOSA

 C. Vârnab 19/1, MD-2025 Chişinău (Moldova)

 +37369770111

 vitalie.chiosa@usmf.md

WORK EXPERIENCE

2007–Present

researcher

Laboratory of Neurobiology and Medical Genetics, State Medical and Pharmaceutical University "N. Testemitanu", Chisinau (Moldova)

2003–2009

emergency physician

Institute of Emergency Medicine, Chisinau (Moldova)

02/1992–08/1992

physician assistant

Psychiatric Clinic N2, Curchi (Moldova)

EDUCATION AND TRAINING

26/01/2010–24/04/2010

fellowship in clinical neurophysiology

HUG (Geneva University Hospitals), Geneva (Switzerland)

EQF level 7

05/11/2008–28/01/2009

fellowship in clinical neurophysiology

HUG (Geneva University Hospitals), Geneva (Switzerland)

EQF level 7

2007–2009

clinical neurophysiology, postgraduate medical education program

State Medical and Pharmaceutical University "N. Testemitanu", Chisinau (Moldova)

EQF level 7

1998–2001

postgraduate residence program

State Medical and pharmaceutical University "N. Testemitanu", Chisinau (Moldova)

EQF level 7

1992–1998

general medicine

State Medical and Pharmaceutical University "Nicolae Testemitanu", Specialty – General Medicine, Chisinau (Moldova)

EQF level 6

PERSONAL SKILLS

Mother tongue(s)

Romanian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
Russian	C2	C2	C2	C2	C2
English	C1	C1	C1	C1	C1
French	B2	B2	B1	B1	B1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Independent user	Independent user	Proficient user	Proficient user

Digital skills - Self-assessment grid

Driving licence A, B, C

ADDITIONAL INFORMATION

Conferences

- The IVth National Congress of Radiology and Medical Imaging of the Republic of Moldova, 2018, May, 31-June, 2; 2018, Chişinău, Moldova.
- The VIth Neurology Congress of Republic of Moldova. 2017, October 2-5; Chisinau, Moldova;
- The XXIVth 2016 SRIE Epilepsy Conference, 2016, November 17-19, Bucuresti, Romania;
- The VIth International Epileptology Forum "Epilepsy and paroxysmal states", 2015, October 2-3, Sochi, Russia;
- The Vth Neurology Congress of Republic of Moldova. The XIVth Neurology and Neurosurgery Symposium Chisinau-Iasi. 2015, October, 1-3, Chisinau, Moldova;
- The XIth European Congress on Epileptology, 2014, 29 June-3 July, Stockholm, Sweden;
- The IVth International Epileptology Forum "Epilepsy and paroxysmal states", 2013, October 17-18, Minsk, Belarus;
- The XIXth Session of the Balkan Medical Days and the IInd Congress of Emergency Medicine of the Republic of Moldova, 2013, September 22-24, Chisinau, Moldova;
- European Forum on Epilepsy Research, 2013, May 25-27, Dublin, Ireland;
- The XIIth East European Conference "Epilepsy and Clinical Neurophysiology", 2010, October 2-3, Yalta, Ukraine;

Courses

- The IVth East European Course of Epilepsy, 2018, June, 13–15, Cernihiv, Ukraine;
- The EAN Regional Teaching Course, 2017, April 27-29, Odesa, Ukraine;
- The IIIrd East-European Summer Course on Epilepsy: "Comprehensice Approach to Drug-Resistant Epilepsies", 2017, July 05-08, Borovets, Bulgaria;
- International Advanced Course: Brain Exploration and Epilepsy Surgery, 2016, July 10-22, San Servolo (Venezia), Italy;
- The IInd East-European Course of Epilepsy, 2016, June 15-17, Cheile Gradistei, Romania;
- Training in Clinical Neurophysiology, 2015, October 15-November 1, Mainz, Germany;
- 5th European Teaching Course on Neurorehabilitation and 14th Congress of European Society for Clinical Neuropharmacology, 2015, June 1-5; Cluj Napoca, Romania;
- Teaching Course on Movement Disorders, 2014, November 28-29, Chisinau, Moldova;
- The First East-European Course of Epilepsy, 2014, 11-13 June, Cheile Gradiştei, Romania;
- Educational course: MRI in Epilepsy, 2014, March 23-26, Chisinau, Moldova;
- Teaching Course on Cerebral Death, 2014, January 13-15, Tours, France;

Presentations

- Chiosa V. Epilepsy with nocturnal seizures. The XXIVth International Specialized Exhibition of Medical Equipment, Pharmaceuticals and Stomatology. Scientific conference in Neurology and Neurosurgery, 2018, September, 12-14, Chisinau, Moldova;
- Chiosa V., Vataman A. Clinical and neurophysiological (electroencephalographic) correlations of status epilepticus. The IVth East European Course of Epilepsy, 2018, June, 13–15, Cernihiv,

Ukraine;

- Chiosa V., Ciolac D., Anestiadi V., Vataman A., Groppa S. What makes the difference: revealing the neuroanatomical correlates of nocturnal and diurnal seizures. IVth National Congress of Radiology and Medical Imaging of the Republic of Moldova, 2018, May, 31-June, 2, Chisinau, Moldova;
- Chiosa V, Ciolac D, Vataman A, Groppa SA, Hypermotor seizures: clinical and neurophysiological features. The XVth Neurology and Neurosurgery Symposium Iasi-Chisinau, 2017, October 21, Iasi, Romania;
- Chiosa V. Clinical case "MRI-negative pharmaco-resistant Epilepsy". XXIV National Conference of the Romanian Society Against Epilepsy, Bucharest, Romania, 17-19 November, 2016.
- Ciolac D, Chiosa V, Groppa SA. Epilepsy as a Dynamic Disorder of Neural Networks. RoNeuro Brain Days, VIth European Teaching Course on Neurorehabilitation, 2016, June 1-3, Cluj-Napoca, Romania;
- Chiosa V, Groppa SA. Myoclonic Epilepsy: Classification, Clinical Features, Diagnostic, Treatment. The VIth International Epileptology of CIS, 2015, October 2-3, Sochi, Russia;
- Groppa SA, Chiosa V, Ciolac D. Semiology and Clinical Polymorphism of Epileptic Seizures: Classification, Clinical Features, Differential Diagnosis. The Vth Neurology Congress of Republic of Moldova. The XIVth Neurology and Neurosurgery Symposium Chisinau-Iasi. 2015, October, 1-3, Chisinau, Moldova;
- Chiosa V. The Importance of High-Density EEG in the Detection of Epileptiform Interictal Discharges and Location of the Epileptogenic Foci. The Vth European Teaching Course on Neurorehabilitation and the XIVth Congress of European Society for Clinical Neuropharmacology, 2015, June 1-5, 2015 Cluj Napoca, Romania;
- Chiosa V, Temporal Lobe Epilepsy: Clinical, Neurophysiological and Imaging Peculiarities. The XIIIth Neurology and Neurosurgery Symposium Iasi-Chisinau. 2013, November, 28-30, Iasi, Romania;
- Groppa SA, Chiosa V. Status epilepticus: Diagnosis and treatment. The IVth International Epileptology Forum "Epilepsy and paroxysmal states", 2013, October 17-18, Minsk, Belarus;
- Chiosa V, Groppa SA. The Clinical Polymorphism of Epileptic Seizures. The International Epileptology Forum of CIS, 2010, October 6-9, Yalta, Ukraine.

Publicații

1. Pisarenco I, Crasovschi S, **Chiosa V**, Groppa SA: **The clinical presentation of nocturnal seizure**. In: *Book of Abstracts, 11th EFNS Congress*. Brussels, Belgium; 2007. ISSN:1351-5101.
2. Spinelli L, Pisarenco I, **Chiosa V**, Groppa SA, Seeck M: **Transition to modern epilepsy care in Moldova: A SCOPES grant experiment**. In: *Geneva Health Forum*. Geneva; 2008.
3. Pisarenco I, Crasovschi S, **Chiosa V**, Hanganu A: **The duration between seizure onset and first time diagnosing the epilepsy in patients with nocturnal seizures versus diurnal seizures**. In: *Book of Abstracts, 8th European Congress on Epileptology*. Berlin; 2008. ISSN: 528-1167.
4. Groppa SA, Zota E, **Chiosa V**: **New methods of diagnosis and treatment, implemented in local neurological practice**. *INNO VIEWS, Academy of Sciences, Republic of Moldova* 2009:3-4.
5. Гроппа С. А., **Киоса В. А.**, Хангану А. Т. Особенности и клинический полиморфизм острых эпилептических приступов. Клинико-телеметрическое видео-ЭЭГ исследование. *Эпилепсия и пароксизмальные состояния*. 2010, 2(2):6-9. ISSN:2077-8333.
6. **Chiosa V**, Seeck M, Vulliémoz S: **Temporal Lobe Epilepsy: From Electro-Clinical Semiology to Surgical Outcome**. *Epileptologie*, 2010, **27**:94-100. ISSN:1660-3656.
7. Ignatenco A, **Chiosa V**, Groppa SA: Monitoringu video EEG în unitatea de terapie intensivă neurologică. *Buletinul Academiei de Științe a Moldovei*, 2011, 1(29):91-92. ISSN:1857-0011.
8. Groppa SA, **Chiosa V**, Ignatenco A: Clasificarea și diagnosticul diferențial al crizelor epileptice: studiu clinic-neurofiziologic. *Buletinul Academiei de Științe a Moldovei*, 2011, 1(29):65-67. ISSN:1857-0011.
9. Duca V, **Chiosa V**: Mioclonusul epileptic la femei sub aspect evolutiv de vârstă. *Buletinul Academiei de Științe a Moldovei*, 2011, 1(29):52-56. ISSN:1857-0011.
10. **Киоса В. А.**, Анисимова А. Б., Игнатенко А.С., Айвазян С. О., Генералов В. О. Клиническая электроэнцефалография, в: Авакян Г.Н., Гроппа С. А. Нейрофизиологические методы исследования в неврологии. Кишинев. Центральная Типография. 2012. 280. стр. 55-82. ISBN:978-9975-53-108-5.
11. **Киоса В. А.**, Анисимова А. Б., Игнатенко А.С., Айвазян С. О., Генералов В. О. Видео-энцефалографический мониторинг (ВЭМ), в: Авакян Г.Н., Гроппа С. А. Нейрофизиологические

- методы исследования в неврологии. Кишинев. Центральная Типография. 2012. 280. стр. 83-90. ISBN:978-9975-53-108-5.
12. **Chiосa V. A.**, Анисимова А. Б., Игнатенко А.С., Айвазян С. О., Генералов В. О. ВЭМ в диагностике эпилепсии и эпилептических синдромов. Электроэнцефалография при заболеваниях нервной системы, в: Авакян Г.Н., Гроппа С. А. Нейрофизиологические методы исследования в неврологии. Кишинев. Центральная Типография. 2012. 280. стр. 149-228. ISBN:978-9975-53-108-5.
13. **Chiosа V**, Granziera C, Spinelli L, Pollo C, Roulet-Perez E, Groppa S, Seeck M: **Successful surgical resection in non-lesional operculo-insular epilepsy without intracranial monitoring.** *Epileptic disorders* 2013, **15**(2):148-157. ISSN:1950-6945.
14. Ghidirim Gh, Belii A, Groppa SA, Ciobanu Gh, Efreanova D, **Chiosа V: Modern aspects on the problem of acute pain and strategies for its treatment.** *Archives of the Balkan Medical Union*, 2014, **49**(1):51-56. ISSN:0041-6940.
15. Groppa SA, **Chiosа V**, Munteanu C, Misina L, Vataman A, Ciolac D, Gorincioi N: **The importance of high-density EEG in detection of interictal epileptiform changes and localization of epileptogenic foci.** *Bulletin of the Academy of Sciences, Republic of Moldova*, 2015, **47**(2):201-208. ISSN:1857-0011.
16. Ciolac D, Vataman A, **Chiosа V: Transcranial Magnetic Stimulation in Epilepsies.** In: *Book of Abstracts, The XIVth Neurology and Neurosurgery Symposium Chisinau-Iasi.* Chisinau; 2015.
17. Ciolac D, **Chiosа V**, Groppa SA: **Epilepsy as a dynamic disorder of neural networks.** In: *Summaries of RoNeuro Brain Days, Vth European Teaching Course on Neurorehabilitation.* Cluj-Napoca, Romania; 2016: 28. ISSN:2501-7039.
18. **Chiosа V**, Ciolac D, Vataman A, Groppa SA: **Features of presurgical assessment of patients with pharmacoresistant epilepsy.** *Archives of the Balkan Medical Union* 2016, **51**(1):195-199. ISSN:0041-6940.
19. Ciolac D, **Chiosа V**, Munteanu C, Misina L, Vataman A, Gorincioi N, Groppa SA: **The importance of dense array EEG in detection of interictal epileptiform discharges and localization of epileptogenic foci.** *European Journal of Neurology, Book of abstracts of the 11nd Congress of the EAN* 2016, **23**(1):152. ISSN:1351-5101.
20. Ciolac D, Koirala N, Muthuraman M, **Chiosа V**, Munteanu C, Vataman A, Groppa S, Groppa SA: **Bilateral Thalamic Volume Loss in Patients with Pharmacoresistant Temporal Lobe Epilepsy with and without Hippocampal Sclerosis.** *Epilepsia, Book of Abstracts, XIth European Congress on Epileptology*, 2016, **57**(2):126. ISSN:1528-1167.
21. **Chiosа V: Epileptic Encephalopathy With Continuous Spike-Waves During Sleep: Clinical And Neurophysiological Features.** *Archives of the Balkan Medical Union*, 2017, **52**(1):25-28. ISSN:0041-6940.
22. **Chiosа V**, GROPPA SA, Ciolac D, Koirala N, Misina L, Winter Y, Moldovanu M, Muthuraman M, Groppa S: **Breakdown of thalamo-cortical connectivity precedes spike generation in focal epilepsies.** *Brain Connectivity*, 2017, **7**(5):309-320. ISSN:2158-0014.
23. Groppa SA, Ciolac D, **Chiosа V: Diagnostic and Therapeutic Advances in Epileptic Encephalopathy with Continuous Spike-Wave of Sleep.** *Glob J Intellect Dev Disabil.*, 2017, **1**(3):555565. ISSN:2575-8586.
24. Groppa SA, **Chiosа V**, Munteanu C, Şandru S, Gorincioi N, Ciolac D, Vataman A, N S: **Statusul epileptic la adult. Protocol clinic naţional. PCN 288.** Chişinău: Ministerul Sănătăţii al RM; 2017.
25. Groppa SA, **Chiosа V**, Cobîleanchi O, Gorincioi N, Ciolac D, Popov A, Cojocaru V, Vataman A, Munteanu C, Stoianov N: **Epilepsia la adult. Protocol clinic naţional. PCN 290.** Chişinău: Ministerul Sănătăţii al RM; 2017.
26. Ciolac D, **Chiosа V**, Muthuraman M, Koirala N, Vataman A, Moldovanu M, Gonzales-Escamilla G, Groppa S, Groppa SA. **Structural differences of subcortical structures in patients with nocturnal, diurnal and mixed seizures.** *European Journal of Neurology.* 2017; **24**(supl.1):468. ISSN:1351-5101.
27. Groppa S.A, **Chiosа V**, Ciolac D, Vataman A. **Nocturnal versus diurnal seizures: brain MRI-derived structural distinctions.** *Journal of Neurological Sciences.* 2017. ISSN:0022-510X.
28. Vataman A, **Chiosа V**, Ciolac D, **Epilepsy with Myoclonic seizures: Electrophysiological and Neuromorphological peculiarities.** The 7th International Medical Congress for Students and Young Doctors MedEspera. Book of abstracts. 2018, 3-5 of May.
29. **Chiosа V.**, Ciolac D., Anestiadi V., Vataman A., Groppa SA. **What makes the difference: revealing the neuroanatomical correlates of nocturnal and diurnal seizures.** *Moldovan Medical*

Journal. Chisinau, 2018, vol. 61, p. 63. ISSN:2537-6373.

30. Vataman A., **Chiosa V.**, Anestiadi V., Ciolac D., Groppa SA., **Brain structural integrity alterations in epilepsy with myoclonic seizures.** Moldovan Medical Journal. Chisinau, 2018, vol. 61, p. 64. ISSN:2537-6373.

31. **Chiosa V.**, Ciolac D., Groppa SA., Koirala N., Pinte B., Vataman A., Winter Y., Gonzalez-Escamilla G., Muthuraman M., Groppa S. **Large-scale network architecture and associated structural cortico-subcortical abnormalities in patients with sleep/awake-related seizures.** *Epilepsia* [under review]

Citations

1. Chiosa V, Seeck M, Vulliémoz S: Temporal Lobe Epilepsy: From Electro-Clinical Semiology to Surgical Outcome. *Epileptologie* 2010, 27:94-100; [cited in:](#)
 - Ahmad Khaled Aboualfotouh: Role Of MR Spectroscopy and Diffusion Tensor Imaging In Evaluation Of Temporal Lobe Epilepsy. *PhD Thesis* 2011:Ain Shams University.
 - Jaramillo H, Jaramillo E, Zapata JF, Ascencio JL, Álvarez JF, Galeano LM, Jiménez M, Massaro M: Presurgical Assessment of Patients with Refractory Temporal Lobe Epilepsy: INTECH Open Access Publisher; 2011.
2. Chiosa V, Granziera C, Spinelli L, Pollo C, Roulet-Perez E, Groppa S, Seeck M: Successful surgical resection in non-lesional operculo-insular epilepsy without intracranial monitoring. *Epileptic disorders* 2013, 15(2):148-157; [cited in:](#)
 - Malmgren K, Baxendale S, Cross JH: Long-term outcomes of epilepsy surgery in adults and children: Springer; 2015.
 - Weil AG, Le NMD, Jayakar P, Resnick T, Miller I, Fallah A, Duchowny M, Bhatia S: Medically resistant pediatric insular-opercular/perisylvian epilepsy. Part 2: outcome following resective surgery. *Journal of Neurosurgery: Pediatrics* 2016, 18(5):523-535.
 - Dimova P: The insula: Semiology. *Pediatric Epilepsy Surgery* 2016:121.
 - Laoprasert P, Ojemann JG, Handler MH: Insular epilepsy surgery. *Epilepsia* 2017, 58(S1):35-45.
 - Bouthillier A, Nguyen DK: Epilepsy Surgeries Requiring an Operculoinsular Cortectomy: Operative Technique and Results. *Neurosurgery* 2017.
 - Freri E, Matricardi S, Gozzo F, Cossu M, Granata T, Tassi L: Perisylvian, including insular, childhood epilepsy: Presurgical workup and surgical outcome. *Epilepsia* 2017.
 - Obaid S, Zerouali Y, Nguyen DK: Insular Epilepsy: Semiology and Noninvasive Investigations. *Journal of Clinical Neurophysiology* 2017, 34(4):315-323.
3. Chiosa V, GROPPA SA, Ciolac D, Koirala N, Misina L, Winter Y, Moldovanu M, Muthuraman M, Groppa S: Breakdown of thalamo-cortical connectivity precedes spike generation in focal epilepsies. *Brain Connectivity* 2017.
 - Vergotte, G., et al., Dynamics of the human brain network revealed by time-frequency effective connectivity in fNIRS. *Biomedical Optics Express*, 2017. 8(11): p. 5326-5341.
 - Tamas G, Chirumamilla VC, Anwar AR, Raethjen J, Deuschl G, Groppa S, Muthuraman M: Primary sensorimotor cortex drives the common cortical network for gamma synchronization in voluntary hand movements. *Frontiers in Human Neuroscience* 2018, 12:130.

Honours and awards

- Groppa SA, **Chiosa V.**, Gasnas A, Balanuta T, Ciolac D: The evaluation of the functional state of the neural structures and related afferent and efferent pathways through the complex exam method. *International Specialized Exhibition, "INFOINVENT 2015", November, 25-28 2015*:Bronze Medal.
- Groppa SA, Ciobanu Gh, Belii A, Glava Iu, Postolachi R, Plotnicu S, Danilov R, **Chiosa V.**, Gisca V: Methoxyflurane: drogue analgesique pour le soulagement des douleurs lombo-sacrees. *DIPLOME Salon International des Invention Geneve, April 4 2014*:Silver Medal.
- Groppa SA, Ciobanu Gh, **Chiosa V.**, Gasnas A, The implementation of Transcranial Magnetic Stimulation in neurology practice of Republic of Moldova. *International Specialized Exhibition, "INFOINVENT 2013", November, 22-24 2013*