



# MODERN NEUROLOGY



**New Approaches and  
Current Research**  
Dedicated to the 14th  
anniversary of the "School of  
Young Neurologists"

08:00 - 17:00

November 16, 2024



Venue: Hilton Hotel, Hall Tashkent-2

**CONTACT US**

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SYNCONFERENCE2023@MAIL.RU

# Speakers of Conference



**Boymuradov  
Shukhrat  
Abdujalilovich**

Acting rector of  
the TMA, Professor



**Azizova  
Feruza  
Lyutpillaevna**

Vice-Rector for Research and  
Innovation, TMA



**Rakhimbaeva  
Gulnara  
Sattarovna**

Head of the Department of  
Neurology and Medical Psychology  
at TMA, Member of the European  
Academy of Neurology (EAN).



**Axmadeeva  
Leyla  
Rinatovna**

Professor of the Department of  
Neurology of the Bashkir State  
Medical University (Ufa, Russia)



**Yakubova  
Marxamat  
Mirakramovna**

Professor of the Department of  
Neurology at TMA, Head of the  
"School of Young Neurologists"



**Abdullaeva  
Vasila  
Karimbekovna**

Head of the Department of  
Psychiatry, Narcology and Child  
Psychiatry, Medical Psychology,  
Psychotherapy, Tashkent Pediatric  
Medical Institute, Professor



**Magzumova  
Shaxnoza  
Shaxzadeevna**

Professor of the Department of  
Psychiatry and Narcology at  
TMA



**David W.  
Lescheid, BSc,**

PhD, ND  
Baden-Baden, Germaniya



**Karimova Nargiza  
Abdullaevna**

Head of the Scientific Laboratory  
of the Ear of the Republican  
Research Institute of  
Otorhinolaryngology, Head and  
Neck Pathology

Modern Neurology 2024

We are glad to see you at the international scientific and practical conference “Modern neurology. New approaches and current research” dedicated to the 14th anniversary “School of Young Neurologists” November 16, 2024

The conference is held by the Tashkent Medical Academy together with the Bashkir State Medical University

## PROGRAMME

### 8:00 – 9:00 Registration

Time: November 16, 2024 08:30 Islamabad, Karachi, Tashkent

[https://us02web.zoom.us/j/83391749040?](https://us02web.zoom.us/j/83391749040?pwd=euLzaSHA9TM3I0uMB20rKB6HVJqDL5.1)

[pwd=euLzaSHA9TM3I0uMB20rKB6HVJqDL5.1](https://us02web.zoom.us/j/83391749040?pwd=euLzaSHA9TM3I0uMB20rKB6HVJqDL5.1)

**Meeting ID: 833 9174 9040**

**Passcode: 807917**

### 9:00 – 9:30 Opening ceremony

1	09:00 – 09:05	<b><u>BOYMURADOV SHUKHRAT ABDUJALILOVICH</u></b> acting rector of Tashkent Medical Academy
2	09:05-09:10	<b><u>ISHEMGULOV RUSLAN RADIKOVICH</u></b> A.D. Vice-Rector for Scientific and International Activities of the Bashkir State Medical University (Ufa, Russia)
3	09:10– 09:15	<b><u>RAKHIMBAEVA GULNARA SATTAROVNA</u></b> Head of the Department of Neurology and Medical Psychology at TMA. (Tashkent, Uzbekistan)
4	09:15 – 09:20	<b><u>AXMADEEVA LEYLA RINATOVNA</u></b> Professor of the Department of Neurology of the Bashkir State Medical University (Ufa, Russia)
5	09:20 – 09:25	<b><u>YAKUBOVA MARHAMAT MIRAKRAMOVNA</u></b> Professor of the Department of Neurology at TMA (Tashkent, Uzbekistan)

# Plenary lecture (09:30 – 12:00)

Time: November 16, 2024 09:30 Islamabad, Karachi, Tashkent

<https://us02web.zoom.us/j/83391749040?pwd=euLzaSHA9TM3l0uMB20rKB6HVJqDL5.1>

Meeting ID: 833 9174 9040 Passcode: 807917

1	09:30 – 9:50	«Resolution of inflammation - as a therapeutic goal in the medical practice of a doctor» <b><u>DAVID W. LESCHIED</u></b> BSc, PhD, ND, Baden-Baden, Germany
2	09:50 – 10:10	«Frailty syndrome: approaches to diagnosis and management of patients» <b><u>RAKHIMBAEVA GULNARA SATTAROVNA , KHODJAEVA M.F.</u></b> Head of the Department of Neurology with Medical Psychology at Tashkent Medical Academy, Member of the European Academy of Neurology (EAN) (Tashkent, Uzbekistan)
3	10:10 – 10:30	"Pain and functional neurological disorders: news from the 2024 UK systematic review and meta-analysis" <b><u>AXMADEEVA LEYLA RINATOVNA</u></b> Professor of the Department of Neurology of the Bashkir State Medical University (Ufa, Russia)
4	10:30-10:50	"Personalized therapy for multiple sclerosis" <b><u>YAKUBOVA MARHAMAT MIRAKRAMOVNA</u></b> Professor of the Department of Neurology at TMA (Tashkent, Uzbekistan)
5	10:50-11:10	"Antipsychotics in the XXI Century: application possibilities and prospects" <b><u>MAGZUMOVA SHAXNOZA SHAXZADEEVNA</u></b> Professor of the Department of Psychiatry and Narcology
6	11:10-11:30	"Autism Spectrum Disorders: Diagnostic Criteria" <b><u>ABDULLAEVA VASILA KARIMBEKOVNA</u></b> Head of the Department of Psychiatry, Narcology and Child Psychiatry, Medical Psychology, Psychotherapy, Tashkent Pediatric Medical Institute, Professor
7	11:30-11:50	"BPPV dizziness: what? where? when?" <b><u>KARIMOVA NARGIZA ABDULLAEVNA</u></b> Audiologist-vestibulologist, candidate of medical sciences, head of the Scientific Laboratory of the Ear of the Republican Research Institute of Otorhinolaryngology, Head and Neck Pathology, initiator of the Dr Vertigo Uz project
	12:30-13:30	LUNCH

## Section 1: Scientific Reports of Young Scientists

Members of the jury: **Rakhimbaeva G.S. (chairman), Akhmadeeva L.R., Matmuradov R.Zh.**

Time: November 16, 2024 12:00 Islamabad, Karachi, Tashkent [https://us02web.zoom.us/j/83391749040?](https://us02web.zoom.us/j/83391749040?pwd=euLzaSHA9TM3l0uMB20rKB6HVJqDL5.1)

Meeting ID: 833 9174 9040 Passcode: 807917

1	13:30-13:40	Clinical effectiveness of Whole Exome Sequencing among patients with epilepsy. Management principles and targeted therapy <b>Gubaydulina Kamila</b> Tashkent Medical Academy
2	13:40-13:50	Meningoencephalitis in pediatric patients: a retrospective analysis of clinical features in Jordan university hospital <b>Mazin Mustafa Almomani</b> University of Jordan
3	13:50-14:00	The relationship between clinical and pathomorphological parallels in acute strokes. <b>Musayev Sardorbek, Bayhanova Dilrabo</b> TMA doctoral students
4	14:00-14:10	Prevention of secondary strokes, compliance with anticoagulants and antiplatelet agents in clinical practice. <b>Egamnazarova Zulayxo</b> TMA doctoral student
5	14:10-14:20	Clinical neurological complications of bilirubin encephalopathy in infants and post-neonatal children <b>Xushmurodova Mexrgiya</b> TMA TB Assistant
6	14:20-14:30	The role of morphometric indicators in pre-surgery diagnostics congenital spinal dysraphia <b>Karimov Sardor</b> resident by specialty neurosurgery
7	14:30-14:40	Clinical and immunological characteristics of cavernous sinus thrombosis <b>Said-Axmedova S.K.</b> Independent researcher
8	14:40-14:50	Clinical case of normotensive hydrocephalus <b>Saydaliev Saidaziz</b> Ferghana medical institute of public health, Assistant
9	14:50-15:00	Assessment of cognitive functions in the case of chronic alcoholism in young people and optimization of therapeutic approaches <b>Kamalova Nigora</b> Department of Neurology, Andijan ( <b>Rakhimbayeva Gulnora</b> )
10	15:00-15:10	Risk factors, clinical and paraclinical characteristics and comparative diagnostics of subacute sclerosing panencephalitis in children <b>Inomov Firdavs</b> Center for the development of professional qualification of medical workers

11	<b>15:10-15:20</b>	Achievements in diagnosing hippocampal sclerosis: Visual diagnosis and clinical evaluation consolidation <b>Sultonova Dilbar</b> TMA Doctorate
12	<b>15:20-15:30</b>	Front-temporal dementia: modern approaches to diagnosis and treatment, optimization of drug therapy <b>Abramyan Arevik Armikovna</b> ASMI Doctorate
13	<b>15:30-15:40</b>	Early clinical signs of multiple sclerosis <b>Yunusova Mazzoda</b> TMA masters
14	<b>15:40-15:50</b>	Recovery of movement disorders and fine motor skills in post-stroke patients using a mobile application. <b>Nishonova Yulduz</b> TMA masters
15	<b>15:50-16:00</b>	Improvement of modern methods for early diagnosis of toxic polyneuropathies <b>Sotvoldiev Maxammadjon</b> Assistant of the Department of Neurology at ASMI
16	<b>16:00-16:10</b>	Clinical, neurophysiological, and biochemical parallels of sleep disturbances at different degrees of obesity <b>Madaminova Sevara</b> TMA doctorate <b>(Yakubova Marxamat Mirakramovna)</b>
17	<b>16:10-16:20</b>	New approaches and research results in the treatment of amyotrophic lateral sclerosis <b>Rustamova Charos</b> M clinic / X med clinic
18	<b>16:20-16:30</b>	Differential diagnostic criteria of organic brain diseases <b>Abdullayeva Munisa</b> TSSI resident
19	<b>16:30-16:40</b>	Clinical-neurological and geneological description of Strümpel's paraplegia in children. <b>Okiljonova Nigorakhon</b> TSSI assistant
20	<b>16:40-16:50</b>	Dynamics of neuro-psychological disorders in patients with multiple sclerosis and principles of their correction <b>Nazarova Madinabonu</b> TMA Master degree
21	<b>16:50-17:00</b>	Disruption of the effective spectrum in patients with post-covid syndrome <b>Toychiev Sherzod</b> TSPI Master degree

22	17:00-17:10	Clinical-neurological features of sleep disorders in the early recovery period of ischemic stroke. <b>Abzalova Muxsina</b> TMA Master degree
23	17:10-17:20	The role of atherocalcinos in the development of the atherothrombotic subtype of ischemic stroke. <b>Mallaev Fayzullo</b> TMA Master degree
24	17:20-17:30	The role of genetic factors in sleep disorders in chronic cerebral ischemia. <b>Shokirov Shohnur</b> TMA Master degree
25	17:30-17:40	Rehabilitation of movement disorders after parenchymal hemorrhagic stroke <b>Rozikova Madina</b> TMA Master degree <b>(Kuranbayeva Satima Razzakovna)</b>
26	17:40-17:50	Significance of the speech therapy scale in the assessment of post-stroke aphasia <b>Rasulova Munisa</b> TMA Assistant
27	17:50-18:00	Significance of the level of adhesion molecules in the course and prognosis of hemorrhagic strokes. <b>Usmanova Gulchexra</b> TMA Doctorate
28	18:00-18:10	Clinical and neuro-physiological features of sleep-related epileptic seizures <b>Kalandarova Sevara</b> TMA Assistant

### Section 2 Scientific reports of students

Members of the jury: Yakubova M.M. (chairman), Mirzaeva K.S., Rasulova M.B.

Time: November 16, 2024 12:00 Islamabad, Karachi, Tashkent

<https://us06web.zoom.us/j/87246180738?pwd=xg6dloaEHzkNrJ8r2bzbG8K92QlI0F.1>

Meeting ID: 872 4618 0738 Passcode: 018186

1	13:30-13:40	Epilepsy <b>Yetmishev Miraziz</b> Xatlon medical institute
2	13:40-13:50	Distribution of treatment prognosis for Guillain-Barré syndrome <b>Masharifov Xurshidbek</b> TMA Urganch branch
3	13:50-14:00	Parkinson's disease and parkinsonism <b>Ergasheva Dilshoda</b> TMA Bachelor degree
4	14:00-14:10	Clinical and neurological characteristics of vegetative paroxysms in children <b>Larin Yevgeniy Alekseevich</b> TPMI Bachelor degree

5	14:10-14:20	Development of neurorehab <b>Sarvina Xudoyberdieva</b>
6	14:20-14:30	Analysis of the results of interlaminar, microsurgical removal of lumbar intervertebral disc herniation using a tubular retractor <b>Turaqulov Elbek</b> Samarkand State Medical University
7	14:30-14:40	Cerebral amyloidosis manifests early diagnosis and treatment. <b>Saydaliev Saidaziz</b> Ferghana medical institute of public health
8	14:40-14:50	Surgical treatment of Parkinson's disease <b>Xolmurodov Odilbek</b> Samarkand State Medical University
9	14:50-15:00	"Wilson's disease" clinical condition <b>Aripova Naira</b> Tashkent Pediatric Medical Institute
10	15:00-15:10	Nutrition and its effects on neurodevelopmental outcomes in children: results from a cross-sectional study <b>Saloni Sajid Maner</b> TMA
11	15:10-15:20	Neuroimaging in poliomyelitis <b>Sultonova Sevara</b> TMA Bachelor degree
12	15:20-15:30	Sleep disorders: Hypersomnia <b>Kaxramanova Iroda</b> Kimyo International University in Tashkent Bachelor degree
13	15:30-15:40	Clinical manifestations of multiple sclerosis and diagnosis: modern approaches and problems <b>Xosilova Ruxshona</b> TMA Bachelor degree
14	15:40-15:50	Parkinson and parkinsonism syndromes <b>Abdullaev Muxammadumid Ayubxon o`gli</b> <b>Xursanova Moxinur Otabek qizi</b> TMA Bachelor degree
15	15:50-16:00	Importance of neurovisualization in modern medicine. Its prospects and complications. <b>Kabulov Sarvarbek</b> Kimyo International University in Tashkent

16	16:00-16:10	Neurological conditions in pregnancy <b>Sobirjonova Feruza</b> TMA Bachelor degree
17	16:10-16:20	Different pathogenetic subtypes of cognitive deficits in patients with ischemic stroke. <b>Dilini Nimasha Rajdasekara</b> Vitebsk State Medical University
18	16:20-16:30	Ischemic stroke in children <b>Eralieva Shohsanam</b> TMA Bachelor degree
19	16:30-16:40	Parkinson and parkinsonism syndromes <b>Maxamadaliyeva Yasmina</b> TMA Bachelor degree
20	16:40-16:50	The significance of vascular anomalies in the prognosis of cerebrovascular diseases <b>Solieva Odina</b> TMABachelor degree
21	16:50-17:00	Myelitis developed after Covid-19 <b>Dolieva Gulasal</b> TMA Bachelor degree
22	17:00-17:10	Epilepsy and epileptic syndromes <b>Xusanov Behruzбек</b> Bukhara Innovation and Medical University
23	17:10-17:20	Pre-stroke diseases and their prevention <b>Sodiqova Madinaxon</b> TMA Bachelor degree
24	17:20-17:30	Parkinson's disease and parkinsonism syndrome <b>Jumaniazova Nazima</b> Central Asian University Bachelor degree
25	17:30-17:40	Importance of neurorehabilitation in patients with trigeminal neuralgia <b>Abdunazarov Shoxzodbek</b> SSMU Bachelor degree
26	17:40-17:50	Clinical manifestations of hemianopsia and their neurological basis <b>Komiljonova Mohlaroyim</b> TMA Bachelor degree
27	17:50-18:00	Relationship between various risk factors in stroke <b>Nosirova Sevinch</b> TMA Bachelor degree
28	18:00-18:10	Predictive efficiency of CHA DS -2 2 VASc stroke recurrence: a study of age and gender differences in Uzbekistan <b>Boyxorozov Jasurbek, Kalash Divedi</b> TMA Bachelor degree

# POSTER PRESENTATIONS

Members of the jury: Kuranbayeva S.R. (chairman), Rasulova D.K., Kalandarova S.Kh.

<https://us06web.zoom.us/j/87941052438?pwd=El3jcVJPJK0q71m19WmryKhOqrVvZ.1>

Meeting ID: 879 4105 2438 Passcode: 949374

1	Neuroimmunological predictors of the risk of developing neurological disorders in menopausal women who have had Covid-19 <b>Kudratova Shaxodat Ramazanova</b> Assistant, PhD Doctoral candidate
2	Features of neurohormones and neurotransmitters in the acute period of stroke and their impact on early disease outcomes <b>Xakimov Sardorbek</b> Republic emergency medical assistance center Fergana region
3	The role of the dopamine-serotonin system in the development of neurological insufficiency in repeated strokes. <b>Muxtorov Rasuljon</b> Republic emergency medical assistance center Fergana region (Kuranbayeva Satima)
4	Clinical and etiological factors of strokes in children in the conditions of the Surkhandarya climate <b>Allamurodova Shahnoza</b> TMA TB Master degree
5	CLINICAL NEUROLOGICAL COMPLICATIONS OF BILIRUBIN ENCEPHALOPATHY IN INFANTS AND POST-NEONATAL CHILDREN <b>Xushmurodova Mexrgiya</b> TMA TB Assistant
6	LEVEL OF ANXIETY AND DEPRESSION IN CHILDREN WITH BRONCHIAL ASTHMA IN SAMARKAND, NAVAYIN AND SURKHAN-DARYA REGIONS. <b>Samatov Farrux</b> Assistant of the TTAF (Jo'rabekova Aziza)
7	Features of damage to the autonomic nervous system in rheumatoid arthritis. <b>Amiriddinov Abdulvohid</b> TMA TB Assistant (Kuranbayeva Satima)
8	Improving the principles of early diagnosis and treatment of somatovegetative syndromes in stages 1-2 of chronic cerebral ischemia <b>Abdurasulova Nozimaxon</b> TMA Doctorate
9	The influence of motor development on the formation of speech in preschool children. <b>Ikramova Nodira</b> FMIPH assistant
10	Epilepsy Surgery: Our Treatment Experience <b>Xasilbekov Navruz</b> Neurosurgeon, neurophysiologist

11	<p>Improving medical and psychological care for patients with Parkinson's disease: support improvement</p> <p><b>Naimov Olim</b>, doctoral student of TMA</p>
12	<p>Treatment of neovascular age-related macular degeneration: an updated review</p> <p><b>Abdullayeva Sarvinoz</b> Andijan State Medical Institute</p>
13	<p>Pathogenetic mechanisms of acute cerebral ischemia, improvement of treatment methods and measures of primary and secondary prevention of stroke.</p> <p><b>Tashkenov Elyorbek</b> Associate Professor of the Department of Neurology of ASMI</p>
14	<p>Sleep disorders in patients with arterial hypertension. Clinical and neurophysiological analysis hypertension</p> <p><b>Ochilova Dilnoza</b> Doctoral student of the Department of Neurology of Bukhara State Medical Institute</p>
15	<p>DNA diagnostics and treatment of patients with Duchenne muscular dystrophy in Uzbekistan</p> <p><b>Axmedov Ilxomjon</b> Trainee researcher</p>
16	<p>A study of the prognostic role of socio-demographic and clinical factors in aphasia developed after ischemic stroke</p> <p><b>Pinyazov Asadulla</b> TTA Urganch Branch Master degree</p>
17	<p>The role of early neurological disorders in premature infants in the formation of the child's cognitive-behavioral profile</p> <p><b>Jaloliddinova Shaxnoza</b> SSMU Master degree</p>
18	<p>INFLUENCE OF INTESTINAL MICROBIOTA METABOLITES ON THE CLINICAL COURSE OF PARKINSON'S DISEASE AND THE IMPORTANCE OF OPTIMIZING ITS TREATMENT</p> <p><b>Sodiqova Sayyora</b> TMA Doctorate</p>
19	<p>Consequences of Parkinsonism. Parkinson's disease and Parkinsonism syndrome</p> <p><b>Muxiyatdinov Islambek</b> QMI Bachelor degree</p>
20	<p>Is transcranial magnetic stimulation superior to currently available pharmacological treatments for progressive motor aphasia after ischemic stroke?</p> <p><b>Yusupov Adham</b> TMA Urganch branch</p>
21	<p>Surgical treatment of drug-resistant temporal lobe epilepsy</p> <p><b>Xasilbekov Navruz</b> Republican specialized scientific-practical medical center of Neurosurgery</p>
22	<p>The impact of insomnia on the psycho-emotional state</p> <p><b>Umarov Faxriddin</b> Samarkand state medical university</p>

23	<p>Current issues of insomnia – how sleep disorders affect a person's health and daily life</p> <p><b>Nekova Kamilla</b> Bukhara state medical university 3th year student</p>
24	<p>Narcolepsy</p> <p><b>Abzal Khan Absana</b> Tashkent State Stomatology University</p>
25	<p>Aphasia</p> <p><b>Abdujabborova Oydina</b> Bachelor degree</p>
26	<p>Alternative treatment of Parkinson's diseases</p> <p><b>Muhiddinova Munisa</b> Bachelor degree Student TMA</p>
27	<p>Etiological structure and comorbidity in ischemic stroke</p> <p><b>Sultonov Niyatbek, Tursunaliyev Saydullo</b> TMA Bachelor degree</p>
28	<p>Analysis of the assortment of phytopreparations for the treatment of patients with cardiovascular diseases in Uzbekistan.</p> <p><b>Gamletova Madina</b> Bachelor degree</p>
29	<p>Surgical treatment of Parkinson's disease</p> <p><b>Nabiyeva Mashhura</b> TMA Bachelor degree</p>
30	<p>Reprogramming and protecting the brain: gene therapy approaches for neuroprotection against stroke</p> <p><b>Sakina Khan</b> TMA Bachelor degree</p>
31	<p>Myasthenia gravis: new horizons in medicine</p> <p><b>Kuddusova Madina</b> EMU university. Bachelor degree</p>
32	<p>Pain syndrome in peripheral (pancosta) cancer</p> <p><b>Amirqulova Mashhura</b> TMA Bachelor degree</p>
33	<p>Methods used in the prevention of Parkinson's disease</p> <p><b>Hikmatova Shukrona</b> Bachelor degree</p>
34	<p>The future of neurorehabilitation: virtual reality and robotics in recovery from neurological disorders</p> <p><b>Jenifer Alat Stephen</b> TMA Bachelor degree</p>

35	<p>Neurological comorbid complications following Covid-19</p> <p><b>Tolaganova Shahzoda</b> TMA student</p>
36	<p>Neurodegeneration Solving the puzzle of the missing brain.</p> <p><b>Abdullaev Ayubxon</b> EMU university student</p>
37	<p>Cognitive impairment in epilepsy</p> <p><b>Xurramova Farangiz</b> TMA student</p>
38	<p>Inflammatory diseases of the nervous system</p> <p><b>Yuldasheva Barnoxonim</b> Alfraganus university Treatment faculty 5th year student</p>
39	<p>Ontogeny of the nervous system</p> <p><b>Rustambekova Sevinch</b> TMA Bachelor degree</p>
40	<p>AntiNMDA receptor encephalitis</p> <p><b>Xusanjonova Shaxzoda</b> TPMI Bachelor degree</p>
41	<p>Neurology and pregnancy</p> <p><b>Isoqova Shirina</b> TMA Bachelor degree</p>



## 18:00 Awarding and closing remarks

Time: November 16, 2024 17:00 Islamabad, Karachi, Tashkent

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Meeting ID: 833 9174 9040 Passcode: 807917

Awarding for the best reports:

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Final Word:

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Contact information for questions:

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**-Heel**

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