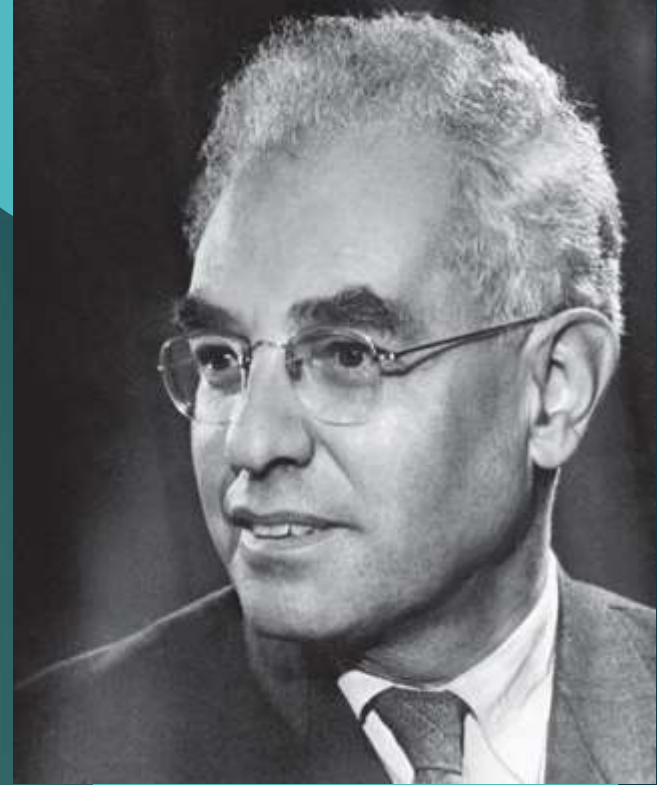
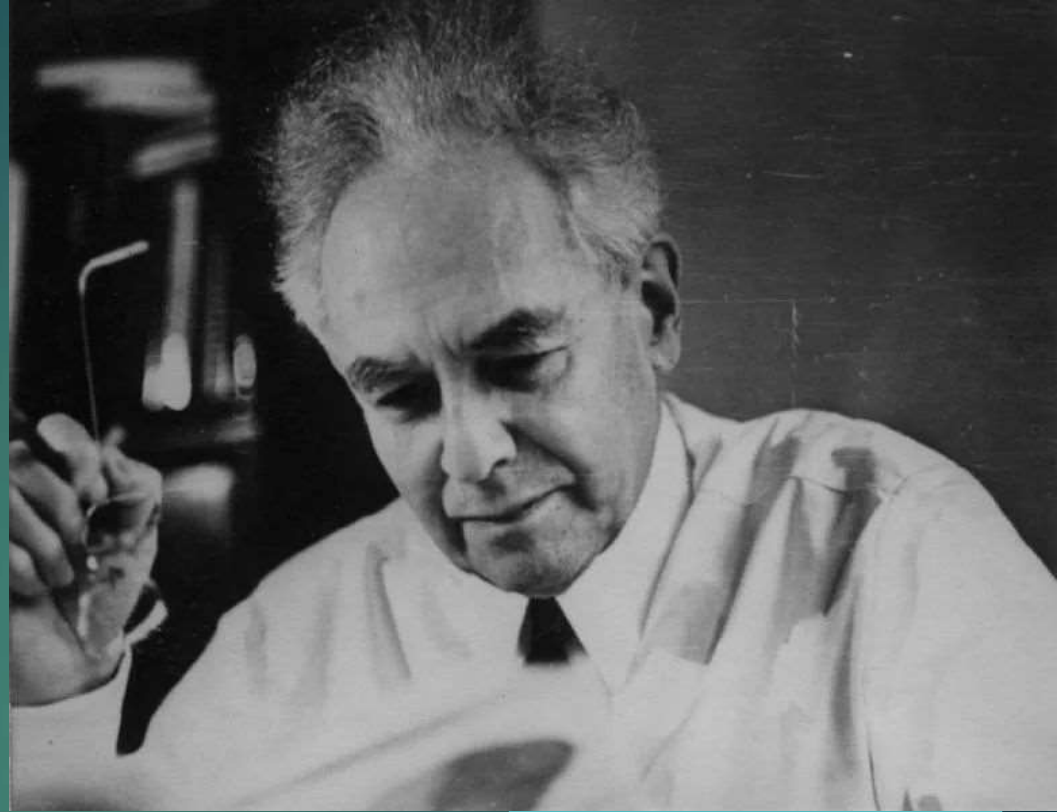


Clinical bases  
of the pathology  
of psychophysical  
development



# Biography of A.R.Luria

Luria  
Alexandr  
Romanovich  
(1902-1977)



prominent soviet psychologist and neurologist,  
one of the founders of domestic neuropsychology,  
full member of the Academy of Pedagogical  
Sciences of the USSR

# Life Background Information [1]

- ❖ Born in Kazan to a family of doctors: his father was a therapist, his mother was a dentist
- ❖ Graduated from the Faculty of Social Sciences of Kazan University
- ❖ 1924 – employee of the Moscow Institute of Psychology; joint research with L.S. Vygotsky, A.N. Leontiev laid the foundations of domestic neuropsychology
- ❖ 1931-1932 – psychological expeditions in Uzbekistan and Kyrgyzstan
- ❖ 1933 – employee of the Institute of Experimental Medicine
- ❖ higher medical education, defense of the dissertation “The Nature of Human Conflicts”

# Life Background Information [2]

- ❖ 1937-1941 - neurologist at the N.N.Burdenko Neurosurgery Institute
- ❖ 1941-1944 - chief physician at the neurosurgical hospital near Chelyabinsk
- ❖ 1944 – defense of the doctoral dissertation
- ❖ 1945 - professor at Moscow State University
- ❖ 1951 - employee at the Institute of Defectology
- ❖ 1959 - employee at the N.N.Burdenko Neurosurgery Institute
- ❖ 1967 - head of the neuropsychology department at Moscow State University
- ❖ 1968 - full member of the Academy of Pedagogical Sciences of the USSR

# A.R.Luria the Scientist

- ❖ Theory of localization of higher mental functions
- ❖ Principles of dynamic localization of mental processes
- ❖ Classification of aphasia
- ❖ Brain mechanisms of memory
- ❖ Clarified the role of the frontal lobe in the regulation of mental processes
- ❖ Theory of activity

# Main works of A.R.Luria

- ❖ Speech and Intelligence in Child Development (1927)
- ❖ Problems of Higher Nervous Activity in Normal and Abnormal Children (1956)
- ❖ Mentally Retarded Children (1960)
- ❖ Higher Cortical Functions and Their Disturbances in Local Brain Lesions (1962)
- ❖ Brain and Mental Processes (Vol. 1 1963, Vol. 2 1970)
- ❖ Frontal Lobes and Regulation of Mental Processes (1966)
- ❖ A Little Book about Big Memory (1968)
- ❖ Fundamentals of Neuropsychology (1973)
- ❖ Neuropsychology of Memory (Vol. 1 1974, Vol. 2 1976)
- ❖ Fundamental Problems of Neurolinguistics (1976)
- ❖ Language and Consciousness (1979)

# Neuropsychological classification of aphasia (Luria A.R., 1947)

- ❖ Acoustic-gnostic
- ❖ Acoustic-mnestic
- ❖ Semantic
- ❖ Afferent motor
- ❖ Efferent motor
- ❖ Dynamic

# The concept of three structural and functional blocks of the brain

(Luria A.R., 1973)

- 1. Energy block;** located in the internal parts of the brain; processes inner information, provides attention, consciousness, memory, motivation
- 2. Block of reception, processing and storage of information;** located in the parietal, occipital, temporal lobes; provides complex forms of processing external information
- 3. Block of programming, regulation and control of mental activity;** located in the frontal lobes; forms goals, provides behavior, the final result of activity





A.R.Luria  
the young scientist



**A.R.Luria in the  
experimental laboratory**



A.R.Luria gives a lecture  
at Moscow State University  
to future psychologists