THE PINCKNEY J. HARMAN MEMORIAL LECTURES

An initial Fund of $1,000 was raised through contributions from the membership of the Club subsequent to the death of Dr. Pinckney J. Harman. In 1968 the membership voted to use this fund to support a distinguished lecturer each year at the meeting of the Club, and to designate this as the Pinckney J. Harman Memorial Lecture.

1969  Dr. Elizabeth Crosby - "Certain practical aspects of neuroanatomy."

1970  Dr. Antonio Villasana - "Things within a desk: Souveniers of a man - Cajal."

1971  Dr. J. Z. Young - "The anatomy of memory."

1972  Dr. John Szentagothai - "Neuronal circuitry of the cerebral cortex."

THE MEETINGS AND SCIENTIFIC PROGRAMS OF THE CAJAL CLUB

1947

The Nucleus of the CAJAL CLUB met and founded the Club on the evening of April the 3rd in Room 8102 of the Mount Royal Hotel in Montreal, Canada.

1948

An "informal" gathering of the membership was held at the University of Wisconsin in Madison on April the 20th.

1949

The membership met at the Smoker on April the 12th at Temple University, Philadelphia, and made plans for a Program at the next Annual Meeting.
1950

The Cajal Club met on April the 4th at Louisiana State University in New Orleans to hold its first regular Scientific Session. Six papers were presented. The Annual Business Meeting followed the presentation of the papers.

1. Some theoretical considerations of stereotaxic machines. Wendell J.S. Krieg, Northwestern University Medical School.

2. Use of domestic cresyl echt violet as a neurological stain. George Clark and Theresa M. Banny, Chicago Medical College.

3. Some recent experiences with Golgi method. Clement A. Fox, Marquette University School of Medicine.

4. Experimental studies on the origin of the autonomic ganglia of the chick embryo. David S. Jones, Loyola University School of Medicine.

5. Cajal's contribution to corticoarchitectonics. A. Vas Ferreira, Northwestern University Medical School.

1951

The Fifth Annual Meeting was held on Tuesday, March the 20th in Room 412 at 625 Mullett at Wayne University College of Medicine. The program of 7 papers was entitled the "Corrida de Toros", and was followed by a Business Meeting.


2. A visit to Madrid and the International Anatomical Meeting. Clement A. Fox, Marquette University School of Medicine.


5. Ultrasound as a neurosurgical instrument. H. Chandler Elliot, Nebraska Univ.


1952

The Sixth Annual Meeting of the Cajal Club was held on Tuesday, March the 18th in Room 15 of Rogers Hall at Brown University, Providence. This was the "Cajal Centennial Program", and the 9 papers were followed by a Business Meeting. That evening a celebration dinner was held at the University Club. Professor J. Z. Young was an honored guest, and greetings were received from E. Horne Craigie and Stephen Polyak. A portrait of Don Santiago was unveiled, and Dr. R. Lorente de No drew on his rich experience to talk about Cajal and his times.

1. Prefrontal connections in the Macaque. Wendell J.S. Krieg, Northwestern University Medical School.


3. Sex chromatin and Cajal's accessory body. Murray L. Barr and Yvonne J. Ferguson, University of Western Ontario School of Medicine.

4. The finer structure of the cerebellar cortex of the monkey: A Golgi study. Clement A. Fox, M. Ubeda-Purkis and Leo C. Massopust; Marquette University School of Medicine.

5. A review of the work published by the Instituto Ramón y Cajal, Universidad de Granada during the year 1949-1950. George Clark, Chicago Medical School.


7. Nucleic acid changes in nerve tissue after administration of vitamin B12. Wm F. Alexander and Byron Backlar, St. Louis University Medical School.


9. Some observations on the innervation of the tela chorioidea of the human fourth ventricle: the source and number of fibers involved. Grant L. Rasmussen, University of Buffalo School of Medicine.
The Cajal Club held its Seventh Annual Meeting on Tuesday, March the 24th in Room 122 of Hamilton Hall at Ohio State University, Columbus. The Annual Business Meeting followed the presentation of papers. At the evening dinner, held in the Columbus Club, memorabilia of Cajal were on display. Johannes Ariens Kappers was designated a "bouton de passage", and Professor James W. Papez, who had given the banquet address, was designated the "Inclusion Body" in recognition of his many years of productive contributions to neurology.

Nucleolus Clement A. Fox presided over the Morning Session.

1. Monkey frontal lobe connections: The summing-up. Wendell J.S. Krieg, Northwestern University Medical School.

2. What does galloctyanin stain? George Clark, Lasca H. Bogdanove and Harold Koenig, Chicago Medical School and University of Buffalo School of Medicine.

3. The nature of the fusiform swellings on the terminal portions of peripheral nerves. Harry Daniell, Cornell University Medical College.

Nissl Body George Clark presided over the Afternoon Session.

4. Sympathetic and afferent innervation of cerebral blood vessels. Kermit Christensen, St. Louis University School of Medicine.

5. The development of the paraflocculus and the paramedian lobule. Olof Larsell, University of Minnesota Medical School.

6. Termination of the olivo-cochlear bundle. Grant L. Rasmussen, University of Buffalo School of Medicine.

7. Cajal on the spinal cord and some Golgi impregnations of the adult monkey cord. Clement A. Fox and Leo C. Massopust, Marquette University School of Medicine.

8. Alcoholic thionin as a Nissl counterstain following Golgi impregnations of formalin fixed material. F.D. Anderson, Cornell University Medical College.
1954

The 8th Annual Meeting of the Cajal Club was held on Tuesday, April the 8th in the Auditorium of the Rebecca Sealy Nurses Residence at the University of Texas Medical Branch, Galveston. The program was entitled "The Cajal Symposium". The Annual Business Meeting followed the program, and the evening banquet was held in the Buccaneer Hotel on the Seawall.

Nucleolus Clement A. Fox presided over the Morning Session which met at 9:30 AM.


2. Cajal and nerve degeneration and regeneration with emphasis on the spinal nerve roots. Donald L. Kimmel, Temple University.

3. Cajal and the sensory ganglia. Raymond C. Truex, Hahnemann Medical College.


Nissl Body George Clark presided over the Afternoon Session beginning at 2:00 PM.

1. S. Ramon y Cajal's 1902 paper, "Sobre un ganglio especial de la corteza esfenoccipital." Clement A. Fox, Marquette University School of Medicine.

2. Cajal and the fornix system. Walle J.H. Nauta, Walter Reed Army Medical Center.

3. The Golgi technique according to Cajal: its results in the cortex of the albino rat and mouse. A. Vas Ferreira, Instituto de Investigacion de Ciencias Biologicas, Montevideo, Uruguay.


5. The interstitial cells of Cajal - original concepts and present viewpoints. K. Christensen, St. Louis University.

1955

The Cajal Club held its 9th Annual Meeting on Tuesday, April the 5th in the Lower Amphitheater of the Daniel Baugh Institute of Anatomy, Jefferson Medical College, Philadelphia. The Annual Business Meeting followed the Afternoon Session, and the Banquet was held in Old Bookbinders.

Nucleolus Donald Kimmel presided over the Morning Session beginning at 9:30 AM.

1. Some bibliographical research on the structure of the Cerebellar cortex. C. A. Fox, Marquette University School of Medicine.

2. Neurological findings at autopsy immediately after hanging. Paul G. Roofe, Howard A. Matzke and Irwin L. Baird, University of Kansas School of Medicine.

3. Neural activity at the synaptic level. Donald Duncan, University of Texas Medical Branch, Galveston.


5. Some results of stimulation and ablation of the amygdaloid complex in cats. Norman Shealy and Talmage L. Peele, Duke University School of Medicine.

Nissl Body Rasmussen presided over the Afternoon Session beginning at 2:00 PM.


2. Screening of tumors for nerve growth stimulating properties. Elmer D. Bueker, University of Missouri School of Medicine.


4. The peripheral termination of the auditory pathway. M. Wharton Young, Howard University College of Medicine.

5. Improved model of the stereotactic duplicator. W.J.S. Krieg, Northwestern University Medical School.
The 10th Annual Meeting of the Cajal Club was held on Tuesday, April 3rd, in the Ballroom of Brooks Memorial Union at Marquette University School of Medicine in Milwaukee. The Annual Business Meeting followed the presentation of papers. A most delightful Social Evening was held in Pabst Blue Ribbon Hall at the Brewery.

Nucleolus Don Kimmel presided over the Morning Session beginning at 9:30 AM.

1. Connections of the superior temporal gyrus in the macaque. Wendell J.S. Krieg, Northwestern University Medical School.

2. Hindlimb rigidity in the dog following spinal ischemia; preliminary review. A.V. Jensen, New York Medical College.

3. Somatic behavior of normal and decapitated newborn rats. Paul G. Roofe, University of Kansas School of Medicine.

4. Nerve endings in Europe. Kermit Christensen, St. Louis University.

5. Anatomical and physiological analogies between the eye and the ear. M. Wharton Young, Howard University College of Medicine.

Nissl Body Rasmussen presided over the Afternoon Session beginning at 2:00 PM.

1. Some additional motor areas of the cortex. Elizabeth Crosby, University of Michigan School of Medicine.

2. Golgi studies on the shrew cortex. Berry Campbell, University of Minnesota Medical School.

3. The effects of acetylcholine and adrenalin on an experimental uninnervated chick heart. David S. Jones, Stritch School of Medicine, Loyola University.


6. Electrical mapping of the cat optic system. Charles M. Berry and Pinckney J. Harman, Cornell University Medical College and New York University College of Medicine.
The Cajal Club held its 11th Annual Meeting on Tuesday, April 16th, in Gordon Wilson Hall, an Auditorium in the Hospital Building of the University of Maryland School of Medicine, Baltimore. The Annual Business Meeting followed the presentation of papers. Only an informal evening gathering was held at this Meeting.

Nucleolus Rasmussen presided at the Morning Session beginning at 9:30 AM.

1. The neuroanatomy of Jacopo Berengario da Carpi as expressed in his Short Introduction to Anatomy. Paul G. Roofe, University of Kansas Medical School.

2. Alterations of central nerve fibers and supporting cells to the peripheral type. Donald Duncan, University of Texas Medical Branch, Galveston.

3. A visit to Professor Oskar Vogt. Warren Andrew, Bowman Gray School of Medicine.


5. The role of the brain in baldness. M. Wharton Young, Howard University College of Medicine.

6. The behavior of human astrocytes in vitro in relation to the views of Cajal. I. Costero and C.M. Pomerat, National University of Mexico and the University of Texas Medical Branch, Galveston.

Nissl Body Berry presided over the Afternoon Session beginning at 2:30 PM.

7. The two models of cerebral-cortical function: a partisan account. Berry Campbell, University of Minnesota Medical School.

8. Anatomic principles in the vascular patterns of the human brain, with some functional correlations. Lois A. Gillian, University of Pennsylvania Graduate School of Medicine.


10. The function of the urinary bladder of the rat following regeneration of its nerve supply. Donald L. Kimmel, Temple University.

11. A dendro-somatic synapse in the cerebellar granule layer. Mila and Arnold Scheibel, University of California at Los Angeles Medical Center.

12. New observations on intercellular junctions in the neuromuscular systems. Demonstration of some of Cajal's original slides representing the first tests of his classical techniques. J.M. Herrera, Universidad de Panama.
1958

The 12th Annual Meeting of the Cajal Club was held on Tuesday, April 1st, in the Los Angeles Room of the Hotel Statler in Buffalo. The Annual Business Meeting followed the afternoon Symposium, and the evening banquet was held in the Park Lane Hotel.

Nissl Body Berry presided over the Morning Session beginning at 9:00 AM.


3. Observations on "recurrent" impulses in the trigeminal system. Jerome Sutin and B. Cruse, Yale University School of Medicine.

4. Some thoughts on microglia. Glenn V. Russell, University of Texas Medical Branch, Galveston.

5. Biochemical and histochemical comparisons in the mouse mutation Dystrophia muscularis (dydy). Robin L. Curtis, May B. Hollinshead and Joseph P. Tassoni, Seton Hall College of Medicine and Dentistry and the Rosco B. Jackson Memorial Laboratory.


7. Myelinogenesis and histopathology in the wabbler-lethal mouse and ataxic rabbit. F. D. Anderson and Pinckney J. Harman, Seton Hall College of Medicine and Dentistry and the Rosco B. Jackson Memorial Laboratory.

8. The role of the human brain in baldness (senile alopecia). M. Wharton Young, Howard University College of Medicine.

Nucleolus Rasmussen presided over the Afternoon Session beginning at 2:30 PM.

"A Symposium on Experimental Neurohistological Methods."
1959

The Cajal Club held its 13th Annual Meeting on Tuesday, March 31st, in the Evergreen-Pacific Room of the Olympic Hotel in Seattle. The Annual Business Meeting followed the afternoon session, and a Banquet was held in the Olympic Hotel.

Nucleolus Berry presided over the Morning Session beginning at 10:00 AM.

1. The "auricle" of the cerebellum of lower vertebrates and its relation to the flocculus. Olof Larsell, University of Oregon Medical School.

2. The relationship of vitamine B₁₂ to myelination and demyelination. W. F. Alexander, St. Louis University School of Medicine.

3. Some correlations between the differentiation of the human fetal nervous system and the development of fetal activity. Thyphena Humphrey, University of Pittsburgh School of Medicine.

4. Photoreception versus phonoreception, (a comparative study between the light and sound receptor mechanisms). M. Wharton Young, Howard University College of Medicine.

Professor Krieg presided over the Afternoon Session beginning at 2:30 PM.

1. The neurotropic doctrine of Cajal. Lloyd Guth, NINDS, Bethesda.

2. Some studies of the "holes" in the brain. J. Olszewski and A. Rockett, University of Saskatchewan.


4. Autoradiographic study of nucleoprotein turnover in degenerating and regenerating white matter in the feline spinal cord. Harold Koenig, Richard P. and Mary Bunge, Northwestern University Medical School and the University of Wisconsin.
1960

The 14th Annual Meeting of the Cajal Club was held in association with the VIIth International Congress of Anatomists. The Club met on Sunday, April 10th, in the Terrace Lounge of the Statler-Hilton Hotel in New York. The Annual Business Meeting followed the afternoon session, and a Banquet was held at the House of Chan Restaurant.

Nissl Body Nauta presided over the Morning Session beginning at 9:30 AM.

Greetings and introductory remarks. The Worth Apical Dendrite, Pinckney J. Harman, Seton Hall College of Medicine and Dentistry.


2. Observations of a persistent carotid-basilar anastomosis. Glenn V. Russell, University of Texas Medical Branch, Galveston.


5. The functions and aims of the Commission of Comparative Neuroanatomy of the World Federation of Neurology. Howard A. Matzke, University of Kansas.

Professor Koenig presided over the Afternoon Session beginning at 2:00 PM.

1. The development of the pyramidal tract in man. Tryphena Humphrey, University of Pittsburgh School of Medicine.

2. Anatomical aspects of cortical and subcortical control of secondary somatosensory cell groups. Henricus G. J. M. Kuypers, University of Maryland School of Medicine.

3. Changes in the cochlear nuclei of the brain stem after transection of the cochlear nerve. Jerzy Olszewski, University of Saskatchewan.

4. The problem of distribution of a nerve growth factor or factors specific for spinal and sympathetic ganglia. Elmer D. Bueker, New York University College of Dentistry.
1961

The Cajal Club held its 15th Annual Meeting on Tuesday, March 21st, in the Gold Room of the Pick-Congress Hotel in Chicago. The Annual Business Meeting followed the afternoon session. Members were entertained at an Open House at the home of Wendell and Mrs. Krieg.

Nucleolus Nauta presided over the Morning Session beginning at 9:30 AM.

1. Studies on the reptilian brain. Kermit Christensen and T. Baumann, St. Louis University School of Medicine.

2. The collateral circulation of the human orbit. L. A. Gillian, University of Kentucky Medical Center.

3. Area Three. George Clark, Army Medical Research Laboratory, Fort Knox.


Nissl Body Koenig presided over the afternoon Session beginning at 2:30 PM.

6. The allocortex of Macaca mulatta. Wendell J. S. Krieg, Northwestern University Medical School.

7. Anatomical changes in transitions from deafness to hearing. M. Wharton Young, Howard University College of Medicine.

8. On the presence of the nucleus marginalis (Hoffmann) in the mammalian spinal cord. F. D. Anderson, I. Meadows and M. M. Chambers, Seton Hall College of Medicine and Dentistry.

The 16th Annual Meeting of the Cajal Club was held on Monday, March 16, in the Wisconsin Room of the Hotel Leamington in Minneapolis. The Annual Business Meeting followed the afternoon session. A Reception was held in the Wisconsin Room of the Hotel, followed by a Banquet in the Iowa Room.

Nucleolus George Clark presided at the Morning Session beginning at 9:00 AM.


2. Physiological differences between reconstituted neuronal and neuromuscular synapses following nerve regeneration. Lloyd Guth, NINDB, Bethesda.

3. Acute brain damage induced by low dosage x-irradiation. R.H. Brownson, D.B. Suter and D.A. Miller, Medical College of Virginia.

4. The role of the forebrain in the color vision of fish. J.J. Bernstein, NINDB.

5. The cerebellum of fishes. Olof Larsell, Good Samaritan Hospital Neurological Research Laboratory, Portland.


7. On the importance of the terminal vein. Glenn V. Russell, University of Texas Medical Branch, Galveston.

Nissl Body Koenig presided at the Afternoon Session beginning at 2:30 PM.

1. Hypertrophic degeneration of the inferior olive - a little known interesting lesion. Jerzy Olszewski, University of Toronto.

2. Intramedullary distribution of afferent vagal nerve fibers. F.D. Anderson, Seton Hall College of Medicine and Dentistry.

3. The central distribution of sensory nerve fibers of the facial, glossopharyngeal, and vagal nerves in the cat, rat and guinea pig. Don L. Kimmel, Chicago Medical School.

4. The position of the cutaneous components of the facial, glossopharyngeal and vagal nerves in the spinal tract of V. V. J. Taren, University of Michigan.


6. Reassessment of cortical areas of cingulate gyrus and insula. S.J. Larson, Northwestern University Medical School.

7. Some new slice reconstructions of the human cerebrum by separate systems. Wendell J.S. Krieg, Northwestern University Medical School.
The Cajal Club held its 17th Annual Meeting in conjunction with the Diamond Jubilee Meeting of the American Association of Anatomists. The Club met on Monday, April 8th, in the Park Room of the Shoreham Hotel in Washington, D.C. The Annual Business Meeting followed the afternoon session. The Banquet was held in Billy Martin’s Carriage House in Old Georgetown.

Nucleolus Koenig presided at the Morning Session beginning at 9:30 AM.


2. Trophic nerve effects. Lloyd Guth, NINDB, Bethesda.


Nissl Body Murray L. Barr presided over the Afternoon Session beginning at 2:30.


2. Some observations on glia in health and disease. Harold Koenig, Northwestern University Medical School.


5. Structure of the parietal cortex of the albino rat as demonstrated by the Golgi Rapid Method. S. Jacobson, Northwestern University Medical School.


7. Monkey cortical connections: the summing up. Wendell J.S. Krieg, Northwestern University Medical School.
1964

The 18th Annual Meeting of the Cajal Club was held on Tuesday, March 31st, in the Silver Room of the Denver Hilton Hotel. The Annual Business Meeting followed the afternoon session, and a Banquet was held that evening.

Nucleolus Murray L. Barr presided over the Morning Session beginning at 9:00 AM.

1. Soviet neurology today. J. V. Basmajian, Queen's University.

2. Problems in the measurement of extra-cellular space in the brain. J. J. Bernstein, NINDB, Bethesda.


4. Studies on the chemical basis of the Nauta technique. R. P. Eager and R. J. Barrnett, Yale University School of Medicine.


Nissl Body David S. Jones presided over the Afternoon Session beginning at 2:30 PM.

6. Anatomical factors in labyrinthine hydraulics in hearing and in deafness. M. W. Young, Howard University College of Medicine.

7. Corticipetal fibers from the Stria Lancisi. S. J. Larson, Marquette University School of Medicine.


The Cajal Club held its 19th Annual Meeting on Tuesday, April 20th, at the Fontainebleau Hotel in Miami Beach. The Annual Business Meeting followed the afternoon session, and a reception and Banquet were held the evening before in the Hotel.

Nucleolus David Jones presided at the Morning Session beginning at 9:30 AM.

1. A morphologic concept of the limbic lobe. Lowell E. White, Jr., University of Washington School of Medicine.

2. Cell and fiber arrangement in the spinal cord of the sea lion Zalophus californianus. Harry H. Wilcox, University of Tennessee Medical Units.

3. Motor pathways in rhesus monkeys. Donald G. Lawrence and Henricus G. J. M. Kuypers, Western Reserve University School of Medicine.


5. Organization of afferent connections to the thalamus of the pigeon. H. J. Karten, Walter Reed Army Institute of Research.


Nissl Body Truex presided at the Afternoon Session beginning at 2:00 PM.

1. The subfornical organ and the area postrema in the water buffalo, Bos bubalis L. H. D. Dellmann, R. C. McClure and M. F. A. Fahmy, University of Missouri

2. On the continuity of membranous and filamentous structures in the neurone. Edmund Sandborn, University of Montreal School of Medicine.

3. Aging changes in glia/neuron index at various depth levels in rat cerebral cortex. Kenneth R. Brizzee, University of Utah College of Medicine.

4. The granular layer of the cerebellar cortex. Clement Fox, Chitta Dutta, Dean Hillman and Kenneth Siegesmund, Marquette University School of Medicine.


The 20th Annual Meeting of the Cajal Club was held on Tuesday, April 5th, at Joe DiMaggio's Restaurant on Fishermans Wharf in San Francisco. The Annual Business Meeting followed the Afternoon Program, and a Social Hour and Banquet began in the Restaurant at 6:00 PM.

Nucleolus Ray Truex presided over the Morning Session beginning at 9:00 AM.

2. The ascending connections of the lateral lemniscus of the cat and monkey. J. M. Goldberg and R. Moore, University of Chicago.

3. Histological demonstration of degenerating synaptic terminals in the forebrain. L. Heimer, University of Gothenburg.


Nissl Body Becker presided over the Afternoon Session beginning at 2:00 PM.

1. A letter of Cajal to Prof. His. Berry Campbell, Loma Linda University.

2. Functional ultrastructure of the canine arachnoid villus. J. F. Alksne, U.C.L.A.

3. The blood brain barrier in relation to thyroid hormones and amino acid uptake in the whole nervous system as compared with uptake in neurons. D. Ford, State University of New York, Brooklyn.

4. The preganglionic sympathetic neurons. D. Jones, Stritch School of Medicine.


6. The brains of Sphenodon and Chrysems. K. Christensen, University of St. Louis.

7. East African Safari, Glenn V. Russell, University of Texas Medical Branch.

1967

The Cajal Club held its 21st Annual Assembly on Monday and Tuesday, April 3rd and 4th, in the Muhlebach Hotel in Kansas City. The Annual Banquet was held in the Terrace Grill on the evening of the 3rd. The Scientific Program was held on the 4th in the Trianon Room, and the Annual Business Meeting followed the afternoon session.

Nucleolus Becker presided over the Morning Session beginning at 9:00 AM. The Scientific Presentations were preceded by a Memorial to Dendrites Lost.

1. Some histochemical observations on the accessory body of Cajal. R.P. Nayyar and Murray L. Barr, University of Western Ontario, London.

2. Observations of living axons, Schwann cells, (and neuroglia?), and some reactions to ultraviolet microbeam radiation. Ruth Rhines, Univ. of Chicago.


5. "La doble via descendente nacida del pedunculo cerebeloso superior." Cajal, 1903. William R. Mehler, Ames Research Center

Nissl Body Christensen presided over the Afternoon Session beginning at 2:00 PM.


8. Some facts and fallacies about the development of the human hippocampal fissure. Tryphena Humphrey, University of Alabama.

9. Study of degenerating fibers arising from direct lesions of the nucleus lateralis dorsalis and dorsalis medialis of the thalamus of the rhesus monkey. Edir Siqueira, Northwestern University Medical School.

10. The subcallosal fiber complex in man (stria coronaria). Wendell J.S. Krieg, Northwestern University Medical School.
1968

The 22nd Annual Meeting of the Cajal Club was held on Monday and Tuesday, April 8th and 9th, in New Orleans. The Annual Banquet was held on the evening of the 8th at Arnaud's Restaurant. The remainder of the meetings were in the Terrace Suite of the Jung Hotel. An Annual Business Meeting began at 5:00 PM.

Nissl Body Schnitzlein presided over the Morning Session beginning at 8:45 AM.


4. Light and electron microscopic observations on the intranuclear rodlet (and associated body) of Cajal in chick sympathetic neurons. Edmund B. Masurovsky, College of Physicians and Surgeons, Columbia University.

5. Synaptogenesis and Cajal's Law of the precedence in development of the anterior over the posterior horn cells. L. M. H. Larramendi, University of Maryland.

6. An illustrated lecture on Cajal's Spain. Frank H. J. Figge, Univ. of Maryland.


Nucleolus Christensen presided over the Afternoon Session beginning at 1:30 PM.

1. The most important thing. M. Wharton Young, Howard University.


3. Universality of system of tract collaterals in distribution of thalamocortical radiations. Wendell J.S. Krieg, Northwestern University Medical School.

4. How does the nerve control the inter-conversion of red and white fibers in adult muscle? Lloyd Guth, NINDB, Bethesda.

5. The fine structure of the third neuroglial element. James E. Vaughn and Alan Peters, Boston University.


8. The blood-brain barrier as visualized by the physiologist and seen by the morphologist. M. Brightman and T. Ruse, NINDB, Bethesda.
The Cajal Club held its 23rd Annual Meeting on Monday and Tuesday, March 31st and April 1st, in the Sheraton-Boston Hotel in Boston. What was to have been a no host bar and the Banquet were held on Monday evening in the Commonwealth Room. The Scientific Session was held in the same Room on Tuesday, followed by the Annual Business Meeting.

Nissl Body Russell presided over the Morning Session beginning at 9:00 AM.

1. The Herrick-Adolf Meyer Correspondence. Paul G. Roofe, Univ. of Kansas.


3. Cytoarchitectural comparison of the telencephalon in 3 turtles and the caimen. Walter Riss, Mimi Halpern and Frank Scalia, SUNY Downstate.

4. The synaptic strata of the somesthetic cortex in neonatal dog. Mark E. Molliver and Hendrik van der Loos, The Johns Hopkins University.

5. A re-evaluation of the evolution of the tetrapod telencephalon. R. Glenn Northcutt, Case Western Reserve University.

Nucleolus Schnitzlein presided over the Afternoon Session beginning at 1:30 PM.

1. The historical development of the concept "neuronal connectivity". Hendrik van der Loos, The Johns Hopkins University.

2. A comparison of thalamocingulate and cingulothalamic projections in the rat. V.A. Domisick, Department of Neurology, V.A. Hospital, Boston.


5. Some observations on interpretation of averaged evoked responses recorded with conventional averaging hardware. G.V. Russell, V.A. Benignus, M. O’Heeran and Ernest Barratt, University of Texas Medical Branch, Galveston.


The 24th Annual Meeting of the Cajal Club was held on Monday and Tuesday, March 30th and 31st, in the Sheraton-Chicago Hotel in Chicago. A truly no host bar was held in the Spanish Court followed by a Banquet in the Tropical Room on Monday evening. The Scientific Sessions were held on Tuesday in the Tally Ho Room on the Hotel, with the Annual Business Meeting following the afternoon session.

Nucleolus Russell and Nissl Body Sutin served as co-chairmen for the Morning Session which began at 8:15 AM.


2. Postnatal growth and development of granule cells in the fascia dentata of the rat hippocampus. R.H. Brownson and V. Vijayan, Univ. of California at Davis.


6. Intracortical distribution of lateral geniculate axons in cat and monkey. E.H. Polley, Medical Research Laboratory, Edgewood Arsenal, Maryland.


8. The trophic function of the neuron: II. Motor neurons. Lloyd Guth, NINDS.

9. Oligodendroglia: Should the name be changed? Donald Duncan, W. Hild, M.A. Matthews and G.B. Dunkerley, University of Texas Medical Branch, Galveston.


12. The case for the Renshaw cell. William D. Willis, University of Texas Southwestern Medical School at Dallas.
1970 (cont.)

The Afternoon Session was a Symposium organized by L. Stensaas and M. Colonnier.

**THALAMO-CORTICAL INTERRELATIONSHIPS: A SYMPOSIUM**

Honorary Chairman: Gerhardt von Bonin

Chairman: Marc Colonnier

Thalamo-cortical projections and their relation to the columnar organization in monkey striate cortex. David Hubel, Harvard Medical School.

Discussant: Ford Ebner, Brown University.

Cortico-thalamic fibers in the visual system. Ray Guillery, University of Wisconsin.

Discussant: Kent Morest, Harvard Medical School.

Synaptic mechanisms in reciprocal thalamo-cortical relations. Dominick Purpura, Albert Einstein College of Medicine.

Discussant: H. J. Ralston, University of Wisconsin.
1971

The Cajal Club held its 25th Annual Meeting on Sunday and Monday, April 18th and 19th in the Sheraton Hotel in Philadelphia. A Socializer was held on Sunday evening in the Pennsylvania Room West. The Scientific Program began at 8:45 AM on Tuesday in the same room with a Symposium moderated by Kent Morest, and an afternoon program of papers followed by the Harman Lecture. The Annual Business Meeting was held after the morning Symposium.

PRINCIPLES OF NEUROEMBRYOLOGY - A SYMPOSIUM

Cell birth and migration. J.B. Angevine, Jr.

Cell death. Arthur Hughes

Neuronal specificity. Marcus Jacobson

Tissue interactions. A.J. Coulombre

Nissl Body Colonnier and Lloyd Guth presided as Co-chairmen over the Afternoon Session beginning at 1:30 PM.

1. The voice of Don Santiago. G.V. Russell, University of Texas Medical Branch.

2. Comparison of cell migration and death in embryonic nervous system with these phenomena in other sites. W. Andrew, Indiana University School of Medicine.


5. Tendril and glomerular collaterals of climbing fibers in the granular layer of the rat cerebellar cortex. V. Chan-Palay and S.L. Palay, Harvard Medical School.

6. Telencephalic connections in the nurse shark, Ginglymostoma cirratum. S.E.O. Ebbesen and D.M. Schroeder, Univ. of Virginia, Univ. of Puerto Rico and the Lerner Marine Laboratory.
The 26th Annual Meeting of the Cajal Club was held 25 years - to the day - from the Founding Meeting. A Socializer was held on Sunday evening, April 2nd, in the Rose Room of the Adolphus Hotel in Dallas. The Scientific Program was held in the same room on Monday, April 3rd. The Morning Session was a Symposium moderated by J. J. Bernstein and D. C. Goodman, and the Afternoon Session was for free papers.

NEUROMORPHOLOGICAL PLASTICITY - A SYMPOSIUM


Axonal sprouting in the superior colliculus. R.D. Lund, Univ. of Washington.

Formation of abnormal retinal projections after early lesions to the superior colliculus. G.E. Schneider, Massachusetts Institute of Technology.

Plastic changes in the adrenergic innervation of the mammalian septum in response to denervation. R.Y. Moore, University of Chicago School of Medicine.

Nissl Body Sprague and Apical Dendrite Matzke Co-chaired the Afternoon Session.

1. Electron microscopy of Golgi stained material. E. Ramon-Molinier, University of Sherbrooke.


6. The role of glial fibers in cell migration to the developing cerebral and cerebellar cortex. P. Rakic, Harvard Medical School.

7. Cells of origin of the spinothalamic tract in cat and monkey. W.D. Willis, D.L. Trevino, R.N. Bryan, J.D. Coulter and R.A. Maunz, Marine Biomedical Institute, University of Texas Medical Branch, Galveston.

8. The connections between the olfactory cortex and the lateral hypothalamus of the rat. L. Heimer, Massachusetts Institute of Technology.