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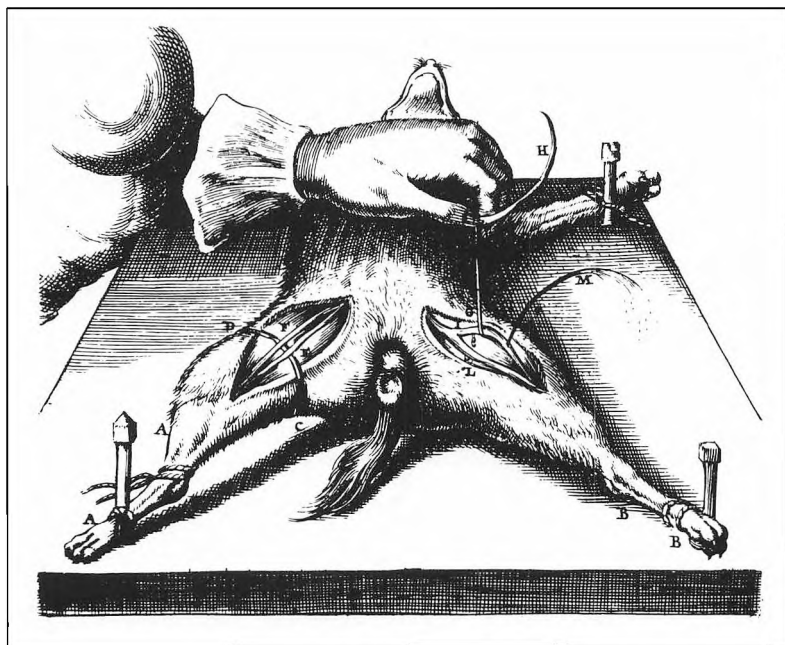
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They paved the way ...

by

Ivan Katić



Copenhagen 2003



The Danish Veterinary and Agricultural Library founded 22. Oct. 1783

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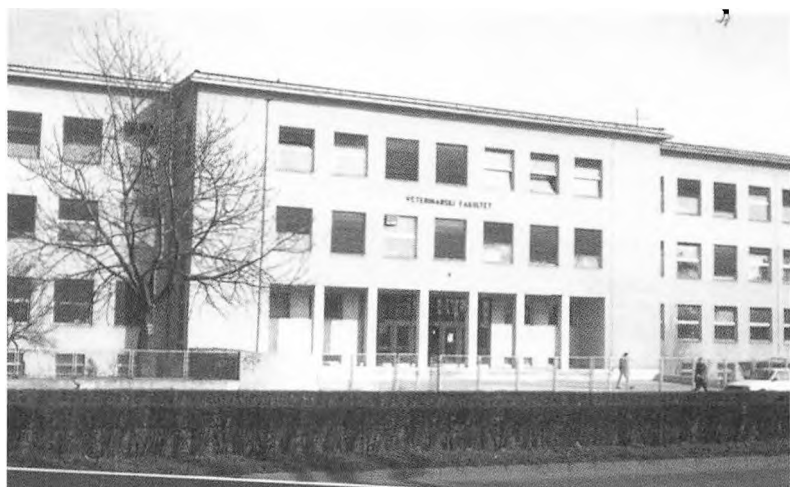
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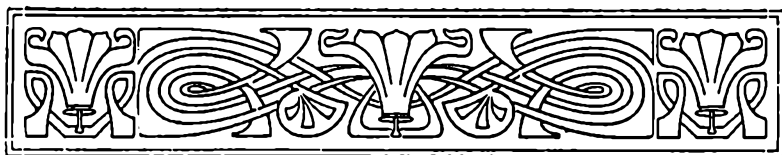
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Faculty of Veterinary Medicine in Zagreb, Croatia founded 1919



New departments at Heinzlova Street, built after 1940



They paved the way ...

During my student years at the Faculty of Veterinary Medicine in Zagreb, Croatia (1949-1956), I was often fascinated by the fact that so many Danes had been involved in the development of our profession. Our teachers mentioned some worthy men in their lectures and we read about the others in our textbooks. After my arrival in Denmark in 1957, I had the honour to collaborate with some of the younger generation here.

Certainly, many individuals paved the way for we veterinarians; some were medical doctors or had other qualifications. We used to say that veterinary medicine is the younger sister of human medicine. In any case, figuratively speaking, we have been carried on the shoulders of our predecessors who paved the way for us. In appreciation of their endeavours we honour some of them in this collection of portraits.

October 22nd 2003

Ivan Katić



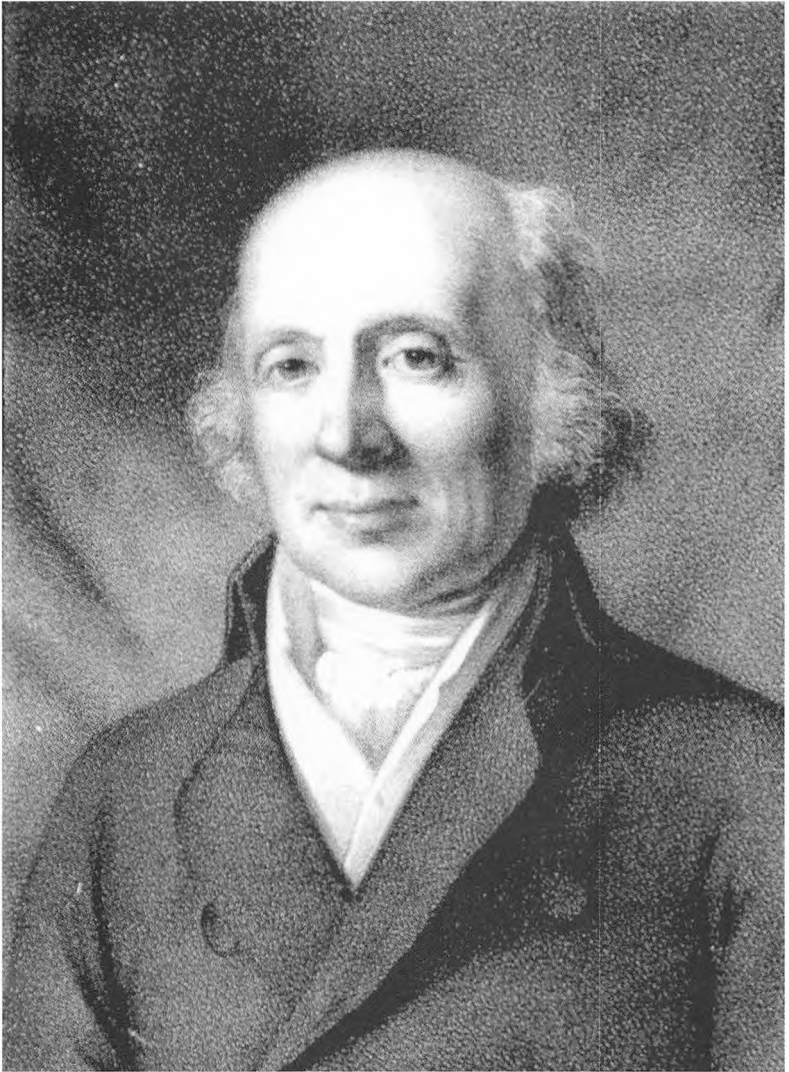
PAULLI, Simon (1603-1680). Court physician in Copenhagen, botanist and professor. Author of *Flora Danica* (1648). He described tetanus in a horse (Copenhagen 1672 resp. Frankfurt 2. ed. 1674).



BARTHOLIN, Thomas (1616-1680). Danish physician and professor of anatomy. Observed and described ductus thoracicus in the dog (1652).



STENO, Niels (1638-1686). Danish physician and anatomist. Discoverer of ductus parotidicus, later named ductus Stenoni. Founder of modern geology/mineralogy. Described hydrocephalus in a calf (Innsbruck 1673).



ABILDGAARD, Peter Christian (1740-1801). Danish veterinarian, physician, zoologist, anatomist and parasitologist. Founder and first director of the Royal Danish Veterinary School in Copenhagen (1773).



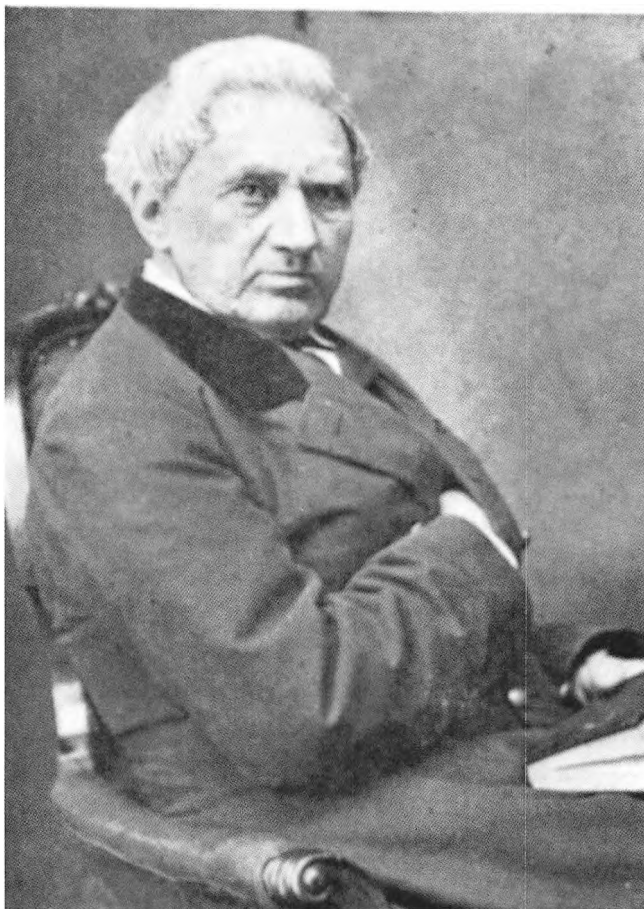
VIBORG, Erik (1759-1822). Professor at the Royal Danish Veterinary School in Copenhagen, researcher in glanders and malleus, author of the first book on swine husbandry and diseases (1804). Trigonum Viborgi.



JACOBSON, Ludwig Levin (1783-1843). Physician and anatomist. Teacher at the Royal Danish Veterinary School. Description of organon vomeronasale in 1811, later named organon Jacobsoni.



RINGHEIM, David Gottschalksen. (1787-1875). Danish highly ranked military veterinarian (born in Norway). Founder of the Danish Veterinary Association (1849).



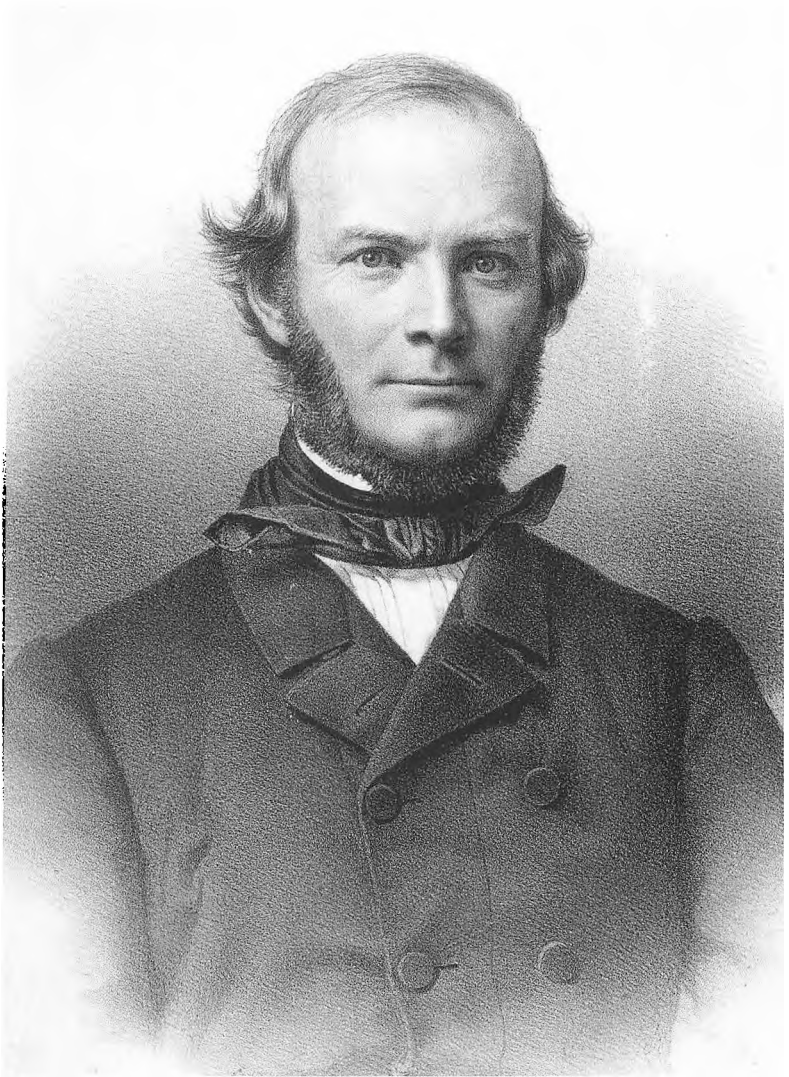
JESSEN, Hans Peter Boye (1801-1875). Danish veterinarian (1823). Founder (1848) and first director of the Veterinary School in Tartu, Estonia. Professor and rinderpest researcher.



TSCHERNING Hans Christian (1804-1886). Famous Danish veterinary historian, professor. (Unpublished and published 7 vols diaries 1837-1872).



BENDZ, Henrik Carl Bang (1806-1886). Professor of comparative anatomy. Founder of the Royal Veterinary and Agricultural University, Copenhagen 1858. Father of Danish national veterinary nomenclature (anatomy, physiology).



STOCKFLETH, Harald Viggo (1824-1879). Danish veterinary professor. Author of several books on veterinary surgery. Dr. medicinae honoris causa at Copenhagen University 1879 (400 years anniversary).



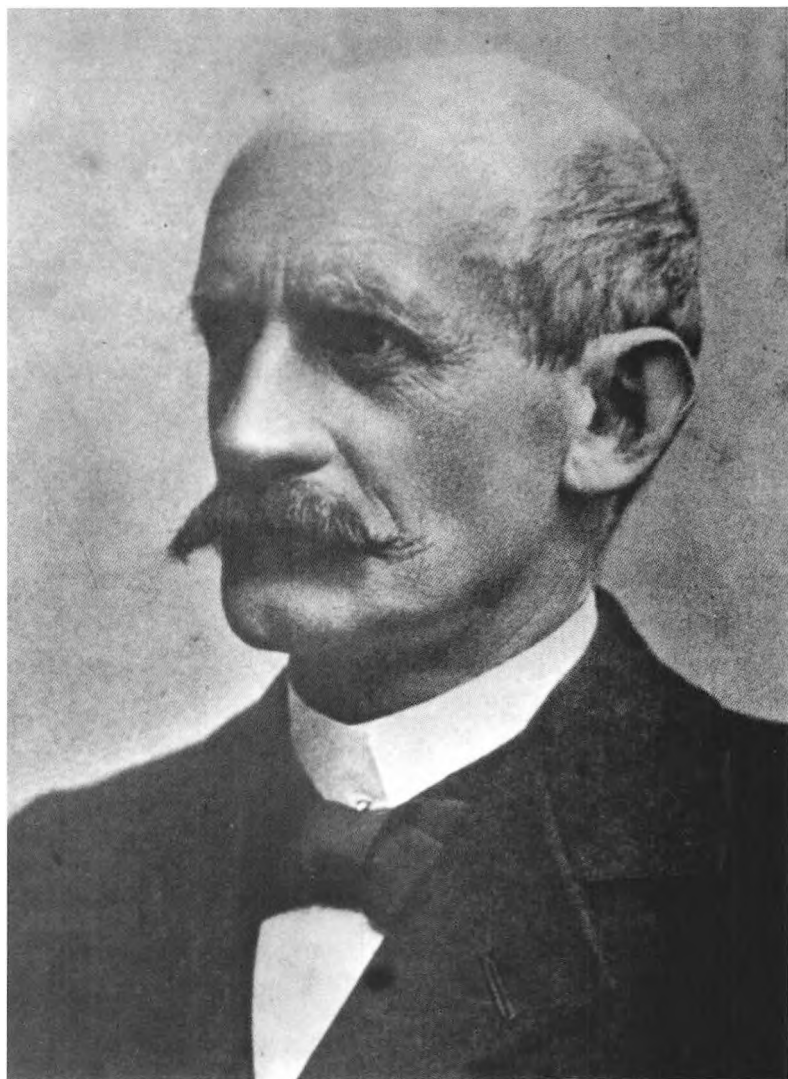
KRABBE, Harald (1831-1917). Professor of anatomy and zoology at the Danish Veterinary and Agricultural University, famous parasitologist, contributed to the eradication of echinococcosis in Iceland (1863 →).



SCHMIDT, Jørgen Jørgensen. (1845-1923). Famous Danish veterinary practitioner was the first to treat successfully milk fever in cattle (1896). Dr. medicinae veterinariae honoris causa (Berlin 1912).



BANG, Bernhard Laurits Frederik (1848-1932). Danish physician and veterinarian, pathologist and bacteriologist. Discovered the cause of infectious abortus in cattle together with Vald. Stribolt (1896), later named Bang's disease. Author of a recognised method for eradicating tuberculosis in cattle. Dr. med h. c. Kristiania (Oslo) 1911, dr. med vet. h. c., Wien (1911), Utrecht (1921), Budapest (1924)



KJELDAHL, Johan Gustav Chirstoffer (1849-1900). Danish chemist employed at Carlsberg Laboratories. Method for determination of the amount of nitrogen in an organic compound (1883). The verb = to kjeldahl.



GRAM, Hans Christian Joachim (1853-1938). Danish physician and bacteriologist. Gram's staining method invented accidentally in Berlin 1883, enables dividing bacteria into Gram + and Gram - .



ALBRECHTSEN, Jacob (1859-1921). Danish veterinarian and inventor of different instruments for treatment of sterility in domestic animals.



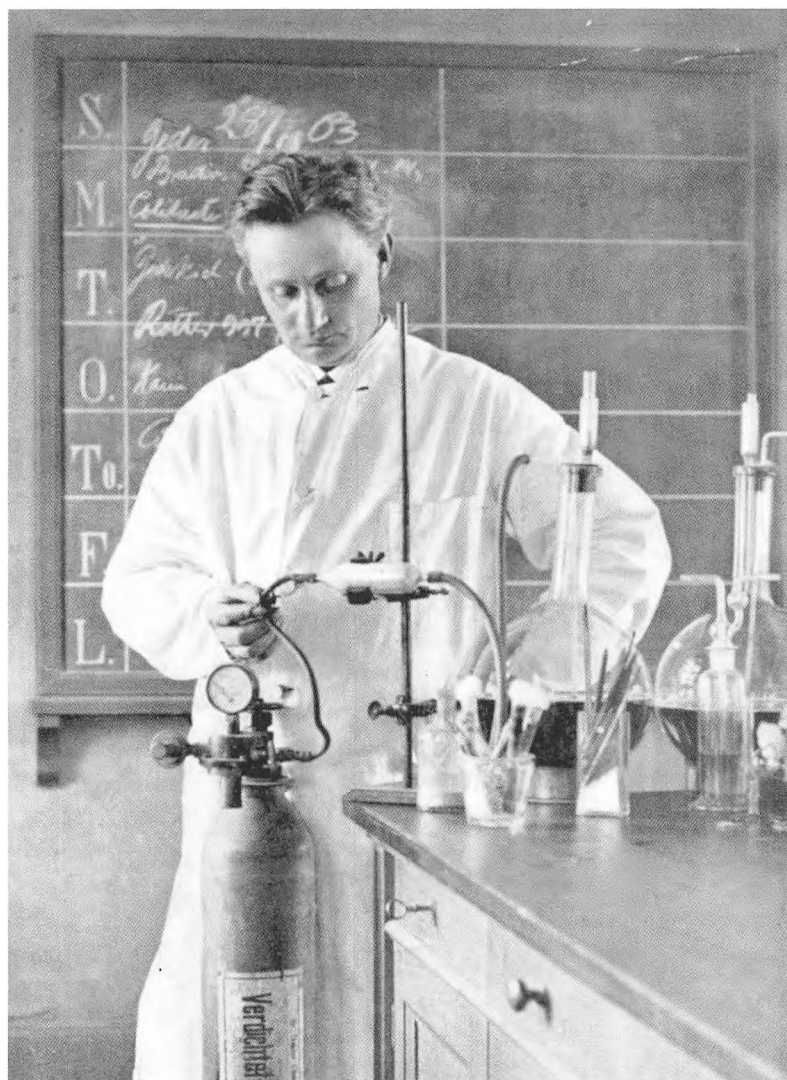
FINSEN, Niels Ryberg (1860-1904). Danish physician and winner of the Nobel Prize in Medicine (1903) for his observation on the medical effect of ultra-violet light.



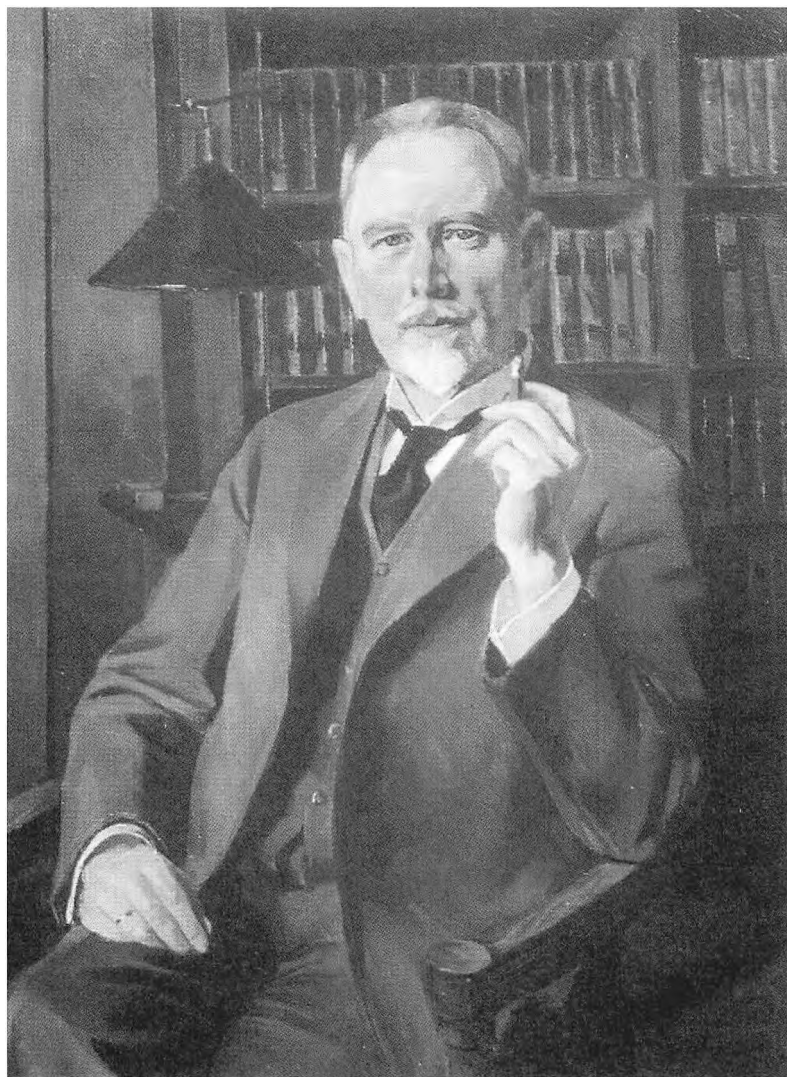
SAND, Gerhard Alexis Cappelen (1861-1921). Danish veterinary professor (obstetrics and animal husbandry). Inventor of different veterinary instruments.



MØRKEBERG, Adam Wilhelm (1863-1933). Danish veterinarian and physician, professor (veterinary surgery). Famous operator and author of a Textbook on Veterinary Surgery.



JENSEN, Carl Oluf (1864-1934). Danish veterinary scientist (bacteriology, immunology, pathology, oncology), the first to transmit successfully neoplasms in mice and rats (1902). Author of the first book on milk hygiene in the world (1903). Dr. med. h. c. at University of Copenhagen 1910 and dr. med. vet. h. c. (Berlin 1912).



SØRENSEN, Søren Peter Lauritz (1868-1939). Famous Danish chemist. Inventor of pH scale. Director of the Chemical Department at Carlsberg Laboratories in Copenhagen.



THYGESEN, Jens Peter Nielsen (1876-1949). Danish veterinary practitioner and world-famous inventor of an universal embryotome (1920s) and other veterinary instruments .



GRUNTH, Poul Jakob Cornelius (1878-1962). Professor and author of textbook on farriery, veterinary historian. During many years he collected items for the coming veterinary museum and in this way prepared its realisation in 1973. He was also a skilled photographer.



BANG, Olf (1881-1937). Danish veterinary professor. In 1908 he demonstrated that avian leucosis could be produced by sterile ultra-filtrates. He made comparative studies on bovine and human tuberculosis and improved the diagnostic methods for tuberculosis and paratuberculosis.



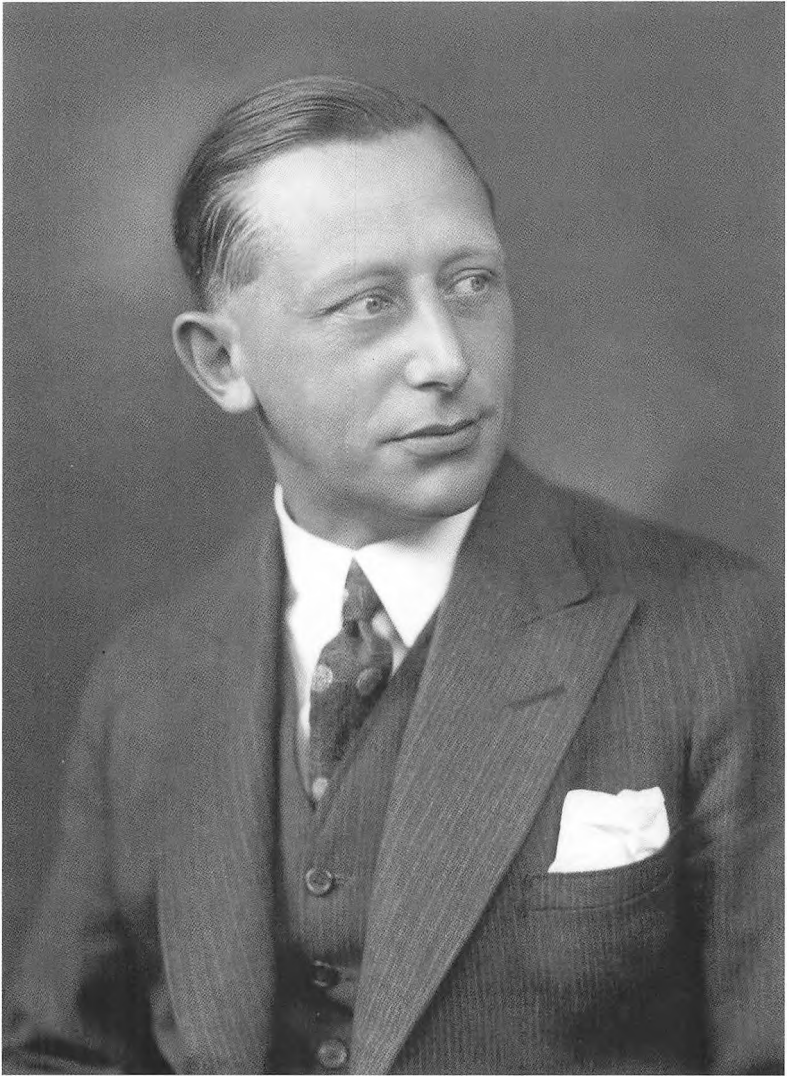
CHRISTIANSEN, Magnus Dorthenius (1882-1965). Danish veterinary bacteriologist, professor. Director of State Veterinary Laboratory. For many years he was occupied with fish diseases and diseases of Danish game. Skilled photographer in the field of bacteriology. Dr. med. vet. honoris causa. (Copenhagen 1958).



KLASTRUP, Kristen (1887-1936), Danish veterinarian, general practitioner. Veterinary historian and founder of the Danish Veterinary History Association (1934). Writer (rinderpest) and poet.



PLUM, Nicolai Thorvald Munk (1890-1963). Danish bacteriologist and pioneer researcher into bovine and avian tuberculosis. First dr. med. vet. (under great difficulties) at the Royal Veterinary and Agricultural University, Copenhagen (1935). Director of State Veterinary Laboratory.



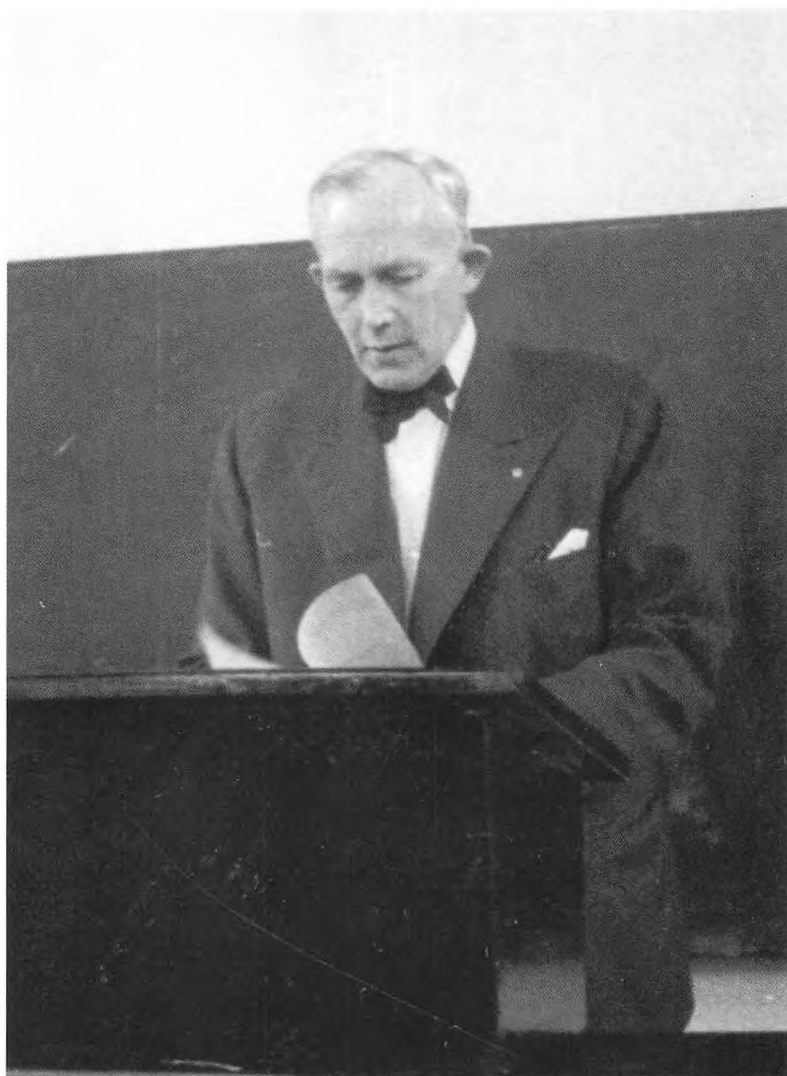
NIELSEN, Folmer (1892-1950). Danish veterinarian, professor of veterinary obstetrics and reproduction diseases. Chief of the Ambulatory Clinic. In these fields he has improved some methods and instruments.



BENDIXEN, Hans Christian (1897-1976). Professor in clinical sciences at The Royal Danish Vet. and Agric. University. Veterinary historian. Dr. med. vet. h. c. (Copenhagen, Hannover, Helsingfors and Stockholm). Researcher of diseases caused by deficiencies of micro-elements.



SØRENSEN, Eduard Christian (1898-1972). Danish graduate in agriculture, veterinarian, professor (veterinary anatomy), and pioneer in artificial insemination (1930s). Dr. med. vet. h. c. (Brno 1966).



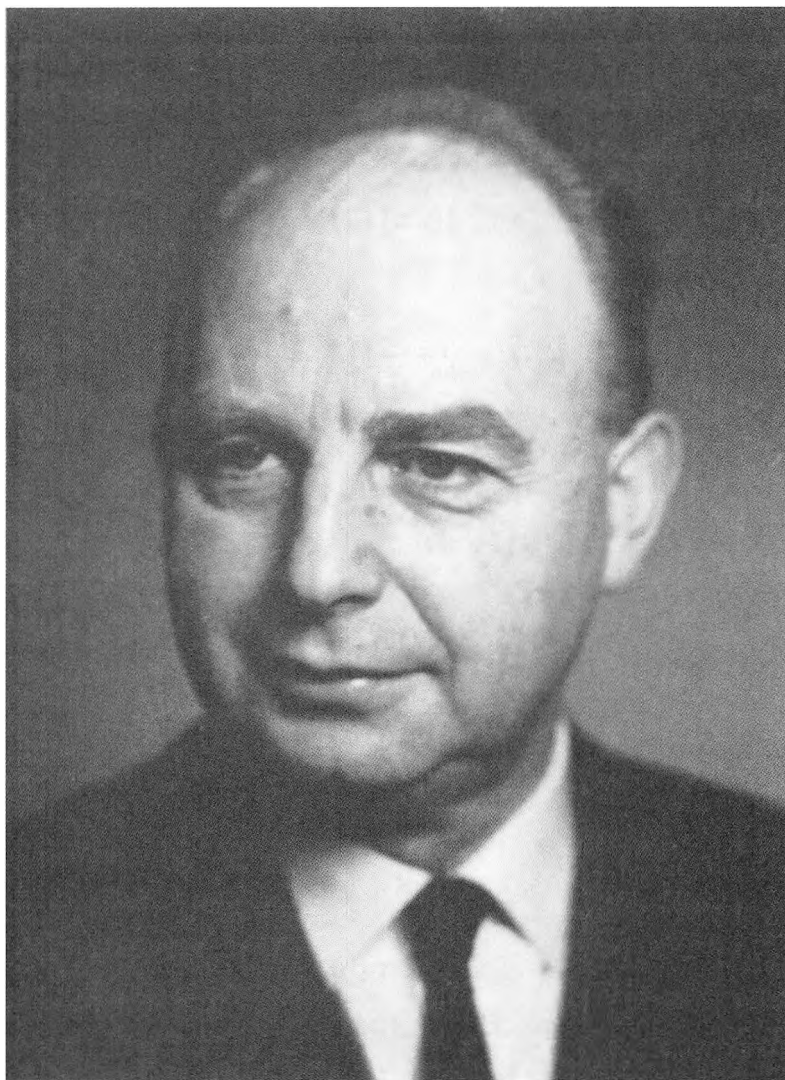
JEPSEN, Aage (1907-1998). Danish veterinarian, professor in veterinary bacteriology; food safety specialist. Introduced penicillin treatment for mastitis in cows in Denmark (1944). Dr. med. vet. h.c. (Oslo 1970).



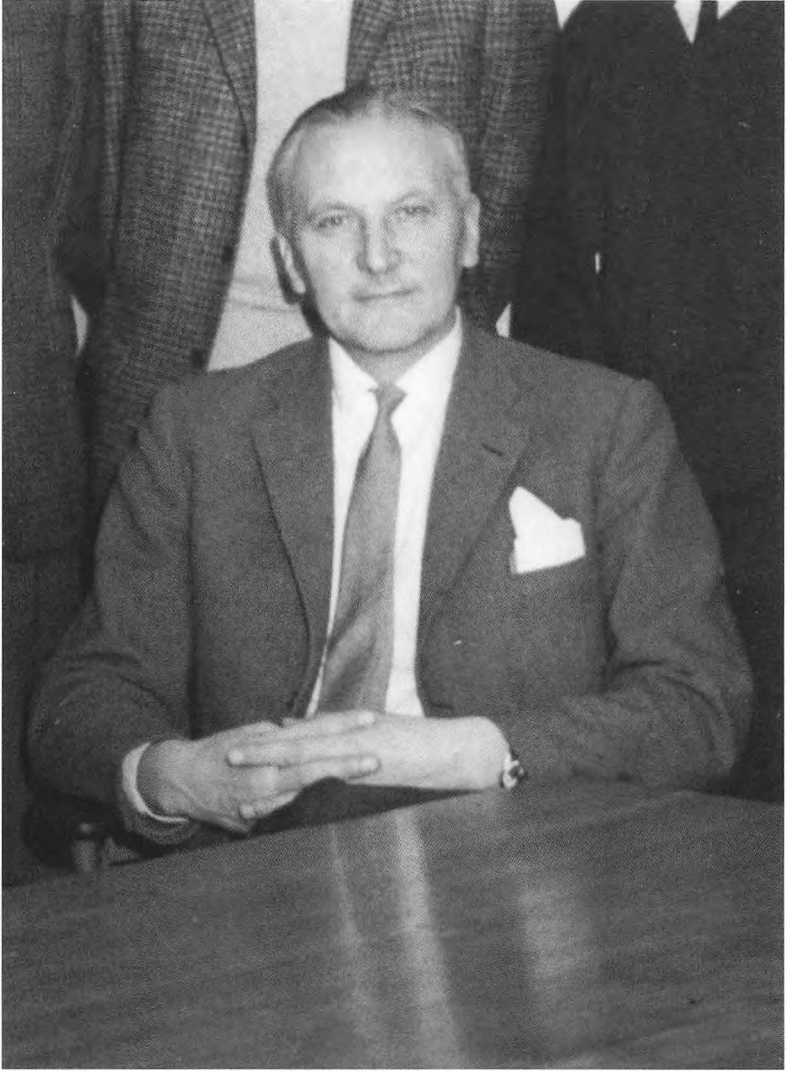
MOUSTGAARD Johannes (1911-2002). Danish graduate in agriculture, veterinarian, professor (veterinary physiology) introduced bloodtype research in Danish domestic animals. Dr. med. vet. h. c. (Brno 1981).



BLOM, Erik (1913-1992). Veterinary anatomist - he studied reproductive organs of bulls, especially the microstructure of normal and abnormal spermatozoa, here together with his colleague and collaborator Min-Chuen Chang (1908-1991). His famous Europa-bull is in fact a garden-clock.



CHRISTENSEN, Niels Otto (1914-1983), veterinary encyclopædiaist. Professor (fish diseases, aquaculture) and captive animals specialist. Dr. med. vet. h. c. (Hannover 1982). Editor of Nordisk Veterinær-Medicin.



RASBECH, Niels Ole (1917-1988). Professor in veterinary obstetrics and pioneer in embryo transfer and genetical engineering. Dr. med. vet. h. c. at the Royal Danish Veterinary and Agricultural University (1988).



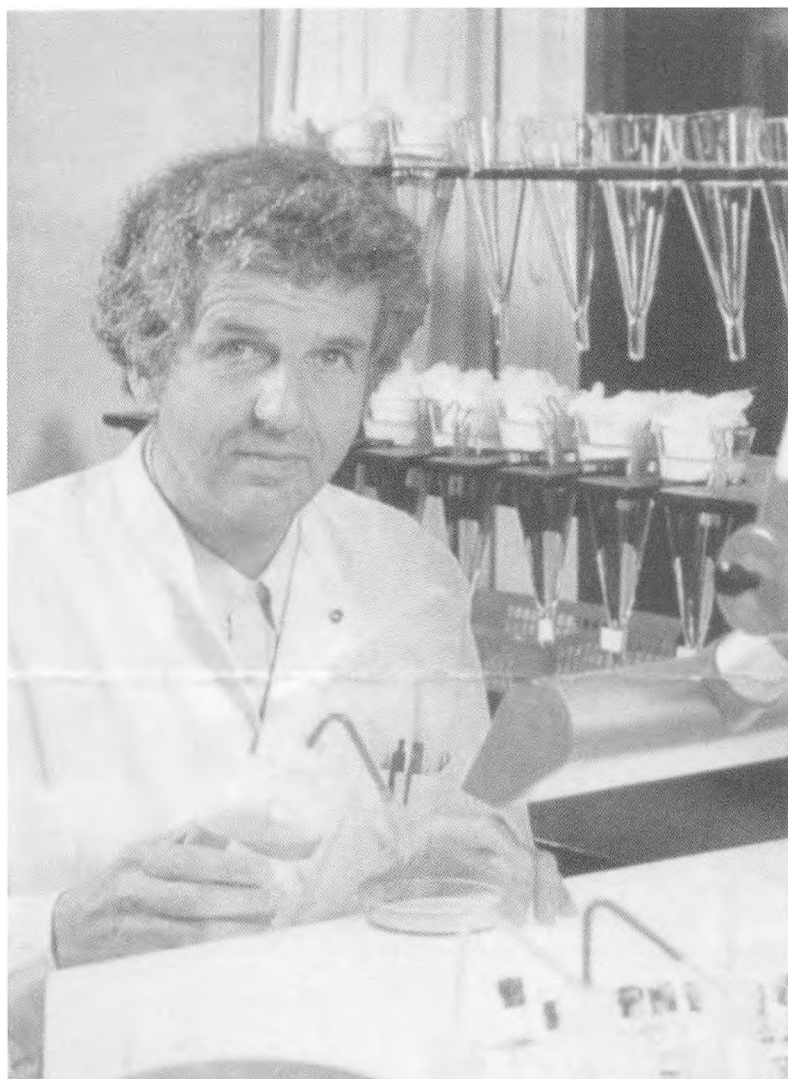
DALGAARD-MIKKELSEN, Svend (1918-1986). Professor of general therapy and toxicology. Founder of veterinary pharmacology and toxicology in Denmark. Pharmacology pioneer in pesticide research, residues etc. Editor in-chief of *Acta Veterinaria Scandinavica*.



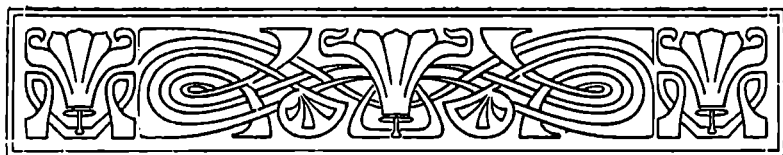
BJØRKMAN, Niels (1919-1999). Swedish Danish veterinary scientist, professor of veterinary anatomy (Copenhagen). He and his pupils studied especially the microstructure of placenta of domestic animals. Member of the Editorial Board of Placenta.



ESPERSEN, Gert (1922-1994). Danish veterinary professor (surgery), veterinary historian. Founder of the Danish Veterinary History Museum (1973) and author of a book on Danish veterinary instruments & patents.

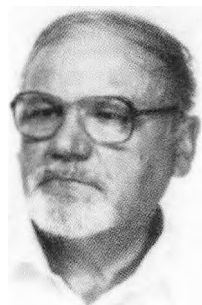


NANSEN, Peter (1938-1999). Danish veterinarian. Professor at the Royal Veterinary and Agricultural University. World-famous parasitologist. Dr. med. vet. h. c. (Tartu, Estonia and Vilnius, Lithuania).



About the author

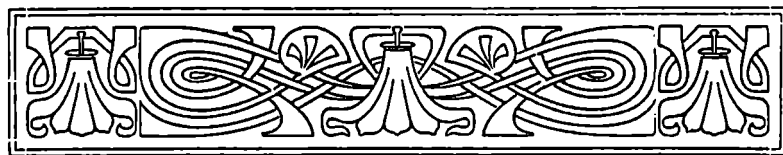
Born in 1930 in Slavonski Brod, Croatia. Veterinarian (Zagreb, 1956; Copenhagen, 1959). Employed by various Danish veterinary institutions, since 1965 member of the staff of the Danish Veterinary and Agricultural Library, Copenhagen, where he was a lecturer in librarianship (1965-1985) and history of veterinary medicine (1984-1998). His about 100 publications deal mostly with the history of veterinary medicine and librarianship. Founder and editor or co-editor of *Historia Medicinae Veterinariae* (1976 →).



Committee member of World Association of the History of Veterinary Medicine (1968-1993) and Danish Association of the History of Veterinary Medicine (1972-2000) where he is Honorary Member since 1997.

Chiron Silver Medal (1993). Abildgaard Golden Medal (1998).

Dr. med. vet. h. c. Tartu, Estonia (2000). Visiting Professor, Sarajevo 2002.



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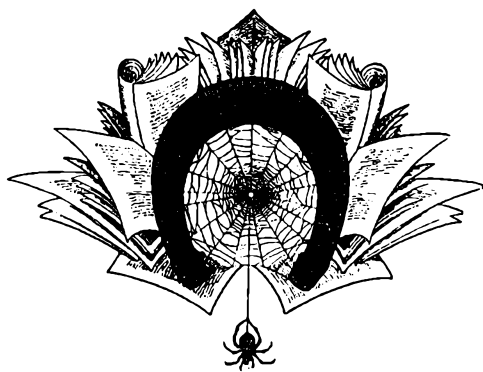
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