

Biblioteca da Faculdade de Medicina Veterinária
Bibl.: Med. Vet. Virginie Buff

BRUCELAS
CONTRIBUIÇÃO BIBLIOGRÁFICA
(“BRUCELLA” — BIBLIOGRAPHICAL REFERENCES)

Virginie Buff

Entre os inúmeros assuntos que têm sido objeto de particular estudo no campo da medicina veterinária, destaca-se, sob vários aspectos, o problema das bruceloses.

Com efeito, esta doença tem polarizado a atenção de muitos pesquisadores e não obstante sejam animadoras as conquistas já obtidas, trabalhos recentes têm surgido a alicerçar melhor os conhecimentos adquiridos, ampliando simultaneamente as possibilidades de novas investigações sobre a brucela infecção e a brucela doença nas várias espécies animais, inclusive na humana.

O problema das bruceloses, pois, como muitos outros, não está ainda definitivamente resolvido, entretanto, é preciso considerar que os resultados até agora obtidos, embora relativos, não deixam de ser sumamente interessantes. De resto, em trabalho anterior (*Rev. Fac. Med. São Paulo*, 2 (4): 275-95) tivemos oportunidade de focalizar múltiplos aspectos da questão.

Assim sendo, no intuito de proporcionarmos nova contribuição, incentivando talvez e facilitando certamente, na medida do possível, o estudo das brucelas, acreditamos útil abordar o problema do ponto de vista bacteriológico, valendo-nos para tanto do material coligido pela análise sistemática dos trabalhos contidos na coleção de periódicos recebidos e integrando o patrimônio desta Biblioteca.

Na análise que se segue primeiro nos referiremos às brucelas em geral para depois apresentar subsequente cada uma das espécies (“abortus”, “melitensis”, “suis”).

“BRUCELLA”

Ação bactericida do sangue

Huddleson, I. F. — Wood, E. E. — Cressman, A. R. — Bennett, G. R. The bactericidal action of bovine blood for “Brucella” and its possible significance. *Jour. Bact.*, 50 (3): 261-77, 1945.

Aglutinação —

Castaneda, M. Ruiz Selective agglutination (A possible substitute for the absorptive test in the classification of “Brucella”, “Salmonella” or their antisera). *Jour. Immunol.*, 43 (2): 203-11, 1942.

- Lanfranchi, F. La importanza della siero-agglutinazione nella possibile differenziazione dei vari tipi di "Brucella", causa delle Febbre Ondulante nell'uomo. *Nuova Veterinaria*, 17 (1): 11-8, 1939.
- Neiva, C. Aglutininas para o genero "Brucella" em sôros de animais. *Rev. Ind. Anim.*, São Paulo, 2 (1): 81-5, 1934.
- Stahl, W. H. — Pennell, R. B. Conditions for maximum precipitation and agglutination of antibody in various "Brucella" antiserums. *Michigan Agric. Exp. Sta.*, Tech. Bull. 177: 20-2, 1941.
- Leite
- Meyer, D. B. — Huddleson, I. F. The relation between the presence of "Brucella abortus" and agglutinins in milk in cattle showing a blood agglutination titer of 1-200 or higher. *Cornell Vet.*, 28 (4): 293-5, 1938.
- Aglutinação cruzada**
- Mauro, G. Contributo allo studio della interagglutinabilità fra Brucelle e Pasteurelle. *Nuovo Ercolani*, 44 (3): 104-14, 1939.
- Aglutinação inespecífica**
- Huddleson, I. F. — Scales, J. W. — Sorenson, O. J. Non specific agglutination in the "Brucella" group. *Michigan Agric. Exp. Sta.*, Tech. Bull. 149: 5-20, 1936.
- Alergia**
- Huddleson, F. Prevention of "Brucella" allergy in veterinarians. *North. Amer. Vet.*, 26 (8): 466-8, 1945.
- Antígenos**
- Bennett, G. R. Comparison of the agglutinability of several "Brucella" antigens (Rapid test). *Vet. Med.*, 39 (1): 445, 1944.
- Munger, M. — Huddleson, I. Forest The detection of antigenic variants of "Brucella" by means of an opsonocytotoxic test. *Jour. Bact.*, 35 (3): 255-60, 1938.
- Pirosky, I. — Pirosky, R. — D'Alessandro, N. V. El antigeno glúcido-lípido como fijador de complemento, 1 — Em "Brucella". *Rev. Inst. Bact.*, "Dr. Carlos G. Malbran", 10 (2): 135-43, 1941.
- Caracteres culturais**
- Angelini, L. Contributo allo studio della differenziazione delle Brucelle mediante i terreni all'uovo. *Giorn. Batt. e Imm.*, 23 (1): 33-41, 1939.
- Ardrey, W. B. A study of factors influencing the isolation, cultivation and differentiation of the species of "Brucella". *Michigan Agric. Exp. Sta.*, Tech. Bull. 177: 3-10, 1941.
- Borgia, E. Il metodo proposto da Izar e Famulari per la diagnosi del genere Brucella. *Nuovo Ercolani*, 62 (12): 496-8, 1937.
- D'Agata, A. Sui metodi differenziazione dei tipi del genere "Brucella", con speciale riguardo a quello recentemente proposto da Izar e Famulari. *Giorn. Batt. e Imm.*, 20 (1): 64-77, 1938.
- Giuliani, V. Ricerche sulla differenziazione delle Brucelle "melitensis, abortus bovis ed abortus suis" mediante la cultura in terreno di Petraghani. *Nuova Veterinaria*, 14 (8): 1-5, 1936.
- Guarna, L. Sul metodo proposto da Izar e Famulari per la differenziazione delle Brucelle. *Clinica Vet.*, 63: 325-9, 1940.
- Kerby, G. P. Nicotinic acid and thiamin hydrochloride as growth-promoting factors for "Brucella". *Jour. Bact.*, 37 (5): 495-500, 1939.
- Queiroz Teles, L. de Brucelas (Ação sobre nitrato). *Rev. Inst. Adolfo Lutz*, 1 (1): 142-52, 1941.
- Valcárcel Sánchez, F. F. Técnicas para aislamiento y clasificación de "Brucellas". *Trabajos Inst. Biol. Anim.*, Madrid, 5 (1): 60-84, 1940.
- Caracteres gerais**
- Hormaeche, E. — Lockhart, G. P. Algunos estudios sobre las Brucelosis en el

- Uruguay. *Policia San. Anim., Bol. mensual*, 19 (9): 466-81, 1935.
- Mirri, A. Le Brucellosi. *Clinica Vet.*, 60 (11): 683-98, 1937.
- Pacheco, G. A posição sistemática das bacterias das Febres Ondulantes. *Rev. Soc. Paul. Med. Vet.*, 3 (1-2): 1-14, 1933.
- Pacheco, G. Sôbre a Febre Ondulante ou Brucelose. *Arq. Hig.*, Rio de Janeiro, 11 (1): 157-79, 1941.
- Saxer, E. Neuceres über die Brucellosen. *Schweitzer Arch.*, 82 (12): 496-514, 1940.
- Zeller, H. Résultats des recherches les plus récentes sur les "Brucella" et les Brucelloses. *Bull. Off. Internat. Épiz.*, 7 (1-2): 73-156, 1933.
- Diagnóstico — Leite**
- Fleischauer, G. Ueber Alkoholvorbehandlung von Milchprobe zur Verbesserung des Nachweises von Abortus-Bang und Tuberkelbakterien mit Hilfe des Meerschweinchenversuchs. *Berl. Tier. Woch.*, 49: 761, 1938.
- Eletroforese**
- Stearns, T. W. — Roepke, M. H. Electrophoresis on "Brucella". *Jour. Bact.*, 42 (3): 411-30, 1941.
- Epidemiologia**
- Mello, A. — Mastrofrancisco, N. A man-teiga como veículo de infecção pela "Brucella". (Trabalhos dos laboratórios do D. I. A.). *Rev. Ind. Anim.*, S. Paulo, 1 (2): 19-27, 1938
- Santagostino, C. Considerazioni sull'epidemiologia di alcuni casi di Febbre Ondulante. *Clinica Vet.*, 60 (3): 139-46, 1937.
- Fagocitose**
- Lucrezi, G. Sul potere fagocitario del sangue dei tuberculotici verso le Brucelle. *Giorn. Batt. e Imm.*, 18 (5): 643-56, 1937.
- Fenômeno Shwartzman**
- Cerruti C. F. Il fenomeno de Shwartzman prodotto con i filtrati di "Brucella". *Giorn. Batt. e Imm.*, 19 (1): 55-60, 1937.
- Wise, B. — Kerby, G. P. Phenomenon of local skin-reactivity (Shwartzman) to organisms of the "Brucella" group. *Jour. Immunol.*, 46 (4): 225-30, 1943.
- Filtrabilidade**
- Quevedo, J. M. Acerca de la filtrabilidad de la "Brucella" (Repetición de un ensayo de Sarnowieck). *Rev. Med. Vet.*, Buenos Aires, 23 (7-8): 287-97, 1941
- Hemocultura**
- Wise, B. — Kerby, G. P. Cultivation of "Brucella" from the blood. *Jour. Bact.*, 46 (4): 333-6, 1943.
- Isolamento —**
- Ardrey, W. B. A study of factors influencing the isolation, cultivation and differentiation of the species of "Brucella". *Michigan Agric. Exp. Sta., Tech. Bull.* 177: 3-10, 1941.
- Ithurrat, E. M. Fernandez Mis investigaciones sobre las Brucellas. *Rev. Med. Vet.*, Buenos Aires, 23 (9-10): 366-77, 1941.
- Fezes
- Pagnini, U. Sull'isolamento delle Brucelle dalle feci. Un metodo pratico ed efficace. *Nuova Veterinaria*, 16 (10): 281-5, 1938.
- Leite
- Gilman, H. L. — Milks, C. H. Types of "Brucella" recovered from milk in New York State. *Rep. New York Sta. Coll.* 1932-33: 155-6, 1934.
- Graham, R. — Torrey, J. P. A survey of the incidence of "Brucella" in pasteurized and inpasteurized market milk in Illinois. *Jour. Amer. Med. Ass.*, 88 (5): 614-23, 1936.

— Queijo "Minas"

Mello, A. — Rogick, F. Amaral A flora colibacilar do queijo tipo Minas e toxinfecção alimentar (Pesquisas do grupo "Escherichia-Aerobacter", do "M. tuberculosis" e do gênero "Brucella"). *Rev. Ind. Anim.*, S. Paulo, 3 (4): 34-49, 1940.

Lesões — Homem

Pacheco, G. — Novaes, J. L. — Pacheco Veiga, G. Brucelose ocular. *Bras. Med.*, 57 (45-6): 433-8, 1943.

Morfologia

Huddleson, I. F. The presence of a capsule on "Brucella" cells. *Michigan Agric. Exp. Sta., Tech. Bull.* 177: 11-4, 1941.

Nucleatos protéicos

Stahl, W. H. — Pennell, R. B. — Huddleson, I. F. A study of the protein-nucleates of the species of the genus "Brucella". I. Chemical constitution of the protein-nucleates. II. Biological properties of the protein-nucleates. *Michigan Agric. Exp. Sta., Tech. Bull.* 168, 1939.

Patogenia

Cordier, G. Effects des inoculations de certaines souches de "Brucella" avec ou sans excipient irrésorbables chez diverses espèces animales. *Rev. Méd. Vét.*, Toulouse, 2: 481-503, 1938.

Penicilina

Shwartzman, G. Concerted antibiotic effect of Penicillin, methionine, threonine and methionine sulfoxide upon "Brucella", "Eberthella", "Salmonella", and "Shigella". *Sci.*, 102 (2641): 148-51, 1945.

"BRUCELLA ABORTUS"

Agglutinação —

Ancykowski, F. Beitrag zur Bestimmung des Agglutinations titers von Pferdeseren mit "Brucella abortus"

bovis-antigen. *Schweizer Arch.*, 81 (9): 408-9, 1939.

Lanfranchi, A. — Foresti, C. Del potere di esaltazione dei sieri normali sui sieri agglutinanti da "Br. abortus bovis" (Sez. di Bologna della Soc. It. di Biologia Sperimentale, 5 aprile 1936). *Nuova Veterinaria*, 14 (10): 15, 1936.

Love, E. Leland Preparation of "Brucella abortus" antigen and the plate agglutination test. *Vet. Med.*, 33 (6): 276-9, 1938.

Priestley, F. W. An attempt to demonstrate a labile antigen in "Br. abortus". *Vet. Rec.*, 50 (6): 137-9, 1938.

Rocke, M. H. — Fitch, C. P. Studies on the photoelectric and volumetric methods for the determination of the density of "Brucella abortus" antigens. *Cornell Vet.*, 30 (1): 1-3, 1940.

— Cavalos

Taylor, W. A note on the occurrence of "Br. abortus" agglutinins in farm horses in the east of Scotland. *J. Comp. Path.*, 52 (2), 1939.

— Colostro e leite —
Vacas

Scrivner, L. H. "Brucella abortus" and its agglutinin in the colostrum and milk of cows. *Rep. New York Vet. Coll. 1938-9*: 93-136, 1940.

— Leite

Scrivner, L. H. "Brucella abortus" and its agglutinin in the colostrum and milk of cows vaccinated with U. S. B. I. Brucella strain 19. *Jour. Amer. Vet. Med. Ass.*, 95 (752): 640-1, 1939.

— Sôros humanos

Neiva, C. Agglutininas para "Brucella abortus" em sôros humanos. *Rev. Soc. Paul. Med. Vet.*, 1 (3): 73-80, 1930.

Péres, J. Noronha. Pesquisas de agglutininas para "Brucella abortus" em sôros Widal negativos. *Bras. Med.*, 58 (49-50): 7-8, 1944.

Alergia

Live, I. — Sperling, F. G. — Stubbs, E. L. Further studies on the allergic activity of sonic filtrate of "Brucella abortus". *Univ. Pennsylvania Bull.*, (102): 3-11, 1946.

Stubbs, E. L. — Live, I. Studies on the allergic and antigenic activity of sonic filtrate of "Brucella abortus". *Am. J. Vet. Res.*, 3 (7): 146-53, 1942.

Amostra avirulenta

Hershey, A. D. — Huddleson, I. Forest The chemical examination of an avirulent strain of "Brucella abortus". *Michigan Agric. Exp. Sta., Bull.* 149: 21-3, 1936.

Antígeno

Fitch, C. P. — Roepke, M. H. — Charlotte, T. M. Studies of physical properties and agglutinability of "Br. abortus" plate antigens from several sources. II. *Cornell Vet.*, 28 (4): 366-73, 1937.

Caracteres culturais

Fiorini, B. Sulla prima esigenza culturale della "Brucella abortus bovis" isolata da materiale patologico pasato attraverso la cavia. *Nuovo Erco-lani*, 44 (4): 133-41, 1939.

Haman, E. E. — Huddleson, I. F. Studies of atypical strain of "Brucella abortus" isolated from naturally infected animal. *Vet. Med.*, 34 (4): 232-3, 1939.

Hauptman, W. Weitere Erfahrungen mit der Viktoriablaukultur methode zum Nachweis von Bang-bakterien ("Brucella abortus") in patientenblut. *Zbl. Bakter. I. Abt. (Orig.)*, 139 (1-2): 59-67, 1937.

McLeod, D. H. The use of thionine blue for the identification of "Brucella abortus" estain 19. *J. Comp. Path.*, 54 (4): 248-52, 1944.

Metzger, H. J. — Beaudette, R. F. — Stokes, F. R. The use of the incubating egg as a differential medium.

Jour. Amer. Vet. Med. Ass., 95 (749): 158, 1939.

Metzger, H. J. — Stokes, F. R. Incubating hen's egg as a culture medium for "Brucella abortus". *Jour. Amer. Vet. Med. Ass.*, 96 (756): 369-71, 1940.

Moore, T. — Mitchell, C. A. A method of cultivating "Brucella abortus" for antigen without the use of agar. *Jour. Amer. Vet. Med. Ass.*, 107 (823): 226-7, 1945.

Paterson, J. D. The peculiar cultural requirements of a strain of "Brucella abortus". *Vet. Rec.*, 52 (10): 179-80, 1940.

Dissociação

Braun, W. Dissociation in "Brucella abortus": A demonstration of the role of inherent and environmental factors in bacterial variation. *Jour. Bact.*, 51 (3): 327-49, 1946.

Huddleson, F. The mucoid phases of the genus "Brucella". *Am. J. Vest. Res.*, 7 (22): 5-10, 1946.

Ropp, R. S. de The behaviour of some smooth and rough strains of "Brucella abortus" in the developing chick embryo. *J. Comp. Path.*, 54 (1): 53-60, 1944.

Fagocitose

Priestley, F. W. Some observations on the phagocytosis of "Br. abortus" by polymorphonuclear leucocytes. *Vet. Rec.*, 50 (53): 1793-7, 1938.

Filtrabilidade

Fitch, C. P. — Karlson, A. G. An attempt to demonstrate a filtrable form of "Brucella abortus". *Jour. Amer. Vet. Med. Ass.*, 96 (757): 501-2, 1940.

Hemocultura —

West, D. Evelyn — Borman Earle, K. The culturing of blood clots for "Brucella" organisms. *Jour. Inf. Dis.*, Illinois, 77 (2): 187-92, 1945.

— Cães

Olson, Carl — Feldman, W. H. Attempts to isolate "Brucella abortus" from the blood of dogs in experimental Brucellosis. *Jour. Amer. Vet. Med. Ass.*, 88 (1): 51-4, 1936.

Imunidade —

Priestley, F. M. Some properties of the trichloroacetic acid extract of "Br. abortus", with special reference to immunisation. *Vet. Rec.*, 52 (39): 699-702, 1940.

Tireferri, E. Sul potere battericida in vitro del sangue in toto sulla "Brucella melitensis", sulla "Br. parame-litensis" e sulla "Br. abortus". *Giorn. Batt. e Imm.*, 19 (1): 9-16, 1937.

— Bovinos

McEwen, A. D. The demonstration of immunity in cattle vaccinated with a non-virulent strain of "Br. abortus". *J. Comp. Path.*, 52 (2): 129-34, 1939.

Isolamento —

Mello, A. Nova amostra de "Brucella abortus" isolada em S. Paulo. *Rev. Ind. Anim.*, S. Paulo, 5 (1): 115-23, 1936.

— Cabras

Meurou, P. — Pineau, M. Brucellose à "Brucella abortus bovis" chez la chèvre. *Bull. Acad. Vét. France*, 10 (2): 89-93, 1937.

— Cavalos

Duff, H. Mackenzie "Brucella abortus" in the horse. *J. Comp. Path.*, 1 (3): 151-8, 1937.

— Fetos bovinos

Kerlin, D. L. — Graham, R. "Brucella abortus" isolated from aborted fetuses of vaccinated heifers. *Jour. Amer. Vet. Med. Ass.*, 106 (819): 356-7, 1945.

— Leite

Fitch, C. P. — Bishop, L. M. Detection of contamination of raw market milk with "Brucella abortus". *Cornell Vet.*, 29 (4): 410-5, 1939.

Rogick, F. Amaral. Presença da "Brucella abortus" no leite. *Rev. Ind. Anim.*, S. Paulo, 3 (1): 7-33, 1940.

Seelmann, M. — Pfeffer, A. La prueba de la "Brucella abortus Bang" en la leche. (De "Zeitschrift für Infektionskrankheiten, parasitare krankheiten und Hygiene der Haustiere", vol. 55 (3-4). Trad. Lina H. de Castro. *Rev. Med. Vet.*, Buenos Aires, 26 (5-6): 250-69, 1944.

Seelmann, M. — Pfeffer, A. Zum Nachweis der Brucella Abortus Bang in der Milch. *Z. Inf. Krkh. Haustiere*, 55 (3-4): 264-82, 1939.

— Manteiga

Bryan, C. S. — Bryan, P. S. The viability of certain udder infection bacteria in butter made from raw cream. *Jour. Milk Technology*, 7 (2): 65-7, 1944.

— Queijos

Gilman, H. L. — Dahlberg, A. C. — Marquardt, J. C. The occurrence and survival of "Brucella abortus" in cheddar and limburger cheese. *Jour. Dairy Sci.*, 29 (2): 71-85, 1946.

— Saliva

Fitch, C. P. — Boyd, W. L. — Bishop, L. M. Studies on saliva and salivary glands for the presence of "Brucella abortus". *Cornell Vet.*, 29 (3): 338-40, 1939.

— Vacas prenhes

Fitch, C. P. — Boyd, W. L. — Bishop, L. M. A study of the vaginal content of pregnant Bang-infected cows for the presence of "Brucella abortus". *Jour. Amer. Vet. Med. Ass.*, 62 (2): 171-7, 1938.

Lesões — Cavalos

Frost, J. N. — Danks, G. D. — Zeissig, A. A case of gonitis of the stifle in the horse caused by "Brucella abortus". *Cornell. Vet.*, 28 (1): 75-7, 1938.

— Touro

McNair, J. — Watts, P. S. A pictorial record of orchitis due to "Br. abortus" in a bull. *Vet. Rec.*, 51 (24): 758-60, 1939.

— Úbere — Vacas

Hofstad, M. S. The changes produced by "Brucella abortus" in the milk and udder of cows infected with Bang's disease. *Cornell Vet.*, 32 (3): 289-94, 1942.

— Útero — Vacas

Fitch, C. P. — Boyd, W. L. — Bishop, L. M. — Kelly, M. Localization of "Brucella abortus" in the bovine uterus. *Cornell Vet.*, 29 (3): 253-60, 1939.

Lípidos

Stahl, W. H. Separation and study of the lipid fraction of "Brucella abortus". *Michigan Agric. Exp. Sta.*, Tech. Bull. 177: 29-34, 1941.

Morfologia

Huddleson, I. Forest. The presence of a capsule on "Brucella" cells. *Jour. Amer. Vet. Med. Ass.*, 96 (759): 708, 1940.

Patologia —

Birch, R. R. — Gilman, H. L. — Stone, W. S. The pathogenicity of "Brucella abortus" strain 19 for sexually mature cows. *Rep. New York Sta. Vet. Coll. 1942-43*: 85-94, 1944.

Braun, W. Changes of the serum phosphatase level after infection of cows with "Brucella abortus". *Jour. Immunol.*, 52 (2): 137-44, 1946.

Campbell, A. D. — Rodwell, A. W. The relationship of dosage and site of inoculation to the agglutinin response to "Brucella abortus" strain 19 vaccine: A comparison of the subcutaneous, intracutaneous and intracaudal routes. *J. Comp. Path.*, 55 (4): 277-89, 1945.

Cordier G. — Menager, J. Effects comparatifs des infections sous-cutanées

d'un lait de vache renfermant "Brucella abortus Bang" sur diverses espèces animales. *Rev. Méd. Vét.*, Toulouse, 89: 580-8, 1937.

Ferreira A. A. — Conte, H. Sá Viana — Machado A. de Mendonça. Acerca das vias de infecção Brucelica. *Rep. Trabalhos Lab. Central Pat. Vet.*, Lisboa, 4: 65-77, 1938.

Gilman, H. L. Undulant fever caused by "Brucella abortus" strain 19. *Cornell Vet.*, 34 (3): 193-4, 1944.

Hofstad, M. S. The changes produced by "Brucella abortus" in the milk and udder of cows infected with Bang's disease. *Rep. New York Sta. Vet. Coll. 1940-41*: 138-67, 1942.

Huddleson, I. Forest. Progress in the study of Brucellosis during the past 25 years. *Jour. Amer. Vet. Med. Ass.*, 98 (768): 181-8, 1941.

Lignièrès, J. Sobre las cualidades patógenas del "Brucella melitensis" y del "Brucella abortus". *Rev. Zootecnica*, Buenos Aires, 19 (220): 454-7, 1932.

McEwen, A. D. — Priestley, F. W. — Paterson, J. D. An estimate of a suitable infective dose of "Br. abortus" for immunisation tests on cattle. *J. Comp. Path.*, 52 (2): 116-28, 1939.

Mitchel, Chas. A. — Gwatkin, R. The relationship of oestrin to colonization of "Brucella abortus" in calves. *Canadian Jour. Comp. Med.*, 9 (1): 16-7, 1915.

Priestley, F. W. The intradermal inoculation of "Brucella abortus" as a means of determining the approximate degree of virulence. *Vet. Rec.*, 51 (49): 1423-4, 1939.

Sunderville, E. J. The persistence of U. S. B. A. I. "Brucella" strain 19 in vaccinated calves. *Rep. New York Sta. Vet. Coll. 1939-40*, (18): 177-91, 1941.

Vehr, H. — Zottner, G. L'injection de "Br. abortus" en excipient gras chez les bovins et les problèmes qu'elle pose. *Bull. Acad. Vét. France*, 9 (4): 213-17, 1936.

- Animais de laboratório
 McEwen, A. D. The virulence of "Brucella abortus" for laboratory animals and pregnant cattle. *Vet. Rec.*, 52 (6): 97-100, 1940.
- Bezerros
 Delez, A. L. Results of administering two calfhood injections of a living "Brucella abortus" cultures to prevent Bang's disease. *Jour. Amer. Vet. Med. Ass.*, 110 (1): 61-5, 1937.
- Bovinos
 McEwen, A. D. Further experiments on the infectivity of vaccine prepared from "Brucella abortus" strain 45 (20) for cattle. (The vaccination of non-pregnant cattle). *Cornell Vet.*, 58 (1): 3-6, 1946.
- Bovinos e Suínos
 Cotton, W. E. — Buck, J. M. — Smith, H. E. Communicability of infectious abortion between swine and cattle. *U. S. Dept. Agric., Tech. Bull.* 629, 1938.
- Cabras
 Doyle, T. M. "Brucella abortus" infection of goats. *J. Comp. Path.*, 52 (2): 89-116, 1939.
- Camondongos
 Priestley, F. W. — McEwen, A. D. The toxicity of "Br. abortus" for mice. *J. Comp. Path.*, 51 (4): 282-9, 1938.
- Ropp, R. S. The propagation of "Brucella abortus" in the mouse. *J. Comp. Path.*, 55 (1): 85-92, 1945.
- Cobaios
 Stone, W. S. The effect of a virulent strain of "Brucella abortus" on guinea pigs previously injected with strain 19 of "Brucella abortus". *Rep. New York Sta. Vet. Coll.* 1935-6, (18): 133-50, 1937.
- Cobaios e Bovinos
 Hutchings, L. S. — Huddleson, I. F. Determinations of the number of "Brucella abortus" organisms required to infect guinea pigs and cattle. *Am. J. Vet. Res.*, 4 (11): 155-61, 1943.
- Homem
 Gilman, H. L. Undulant fever caused by "Brucella abortus" strain 19. *Rep. New York Sta. Vet. Coll.* 1943-44: 67-8, 1945.
- Ratos selvagens
 Bosworth, T. J. The susceptibility of the wild rat to infection with "Brucella abortus": A preliminary note. *J. Comp. Path.*, 50 (4): 345-9,
- Vacas
 Birch, R. R. — Gilman, H. L. — Stone, W. S. The pathogenicity of "Brucella abortus" strain 19 for sexually mature cows. *Cornell Vet.*, 33 (2): 198-208, 1943.
- Edgington, B. H. A study of the effect of "Brucella abortus" in udderless cows. *Jour. Agric. Res.*, 53 (3): 225-33, 1936.
- Vacas prenhes
 McEwen, A. D. The virulence of "Brucella abortus" for laboratory animals and pregnant cattle. *Vet. Rec.*, 52 (6): 97-100, 1940.
- Portadores**
 Bosworth, T. J. Further observations on the wild rat as a carrier of "Brucella abortus". *J. Comp. Path.*, 53 (1): 42-9, 1940.
- Quimioterapia**
 Menefee, E. E. — Poston, M. A. Effects of sulfanilamide on "Brucella melitensis", var. "melitensis", "abortus", and "suis". *Jour. Bact.*, 37 (3): 269-76, 1939.
- Resistência**
 Cameron, H. S. The viability of "Brucella abortus". *Rep. New York Sta. Vet. Coll.* 1931-32: 177-87, 1933.

"BRUCELLA MELITENSIS"**Ação bactericida do sangue**

Tirafferri, E. Sul potere battericida in vitro del sangue in toto sulla "Brucella melitensis", sulla "Br. paramelitensis" e sulla "Br. abortus". *Giorn. Batt. e Imm.*, 19 (1): 9-16, 1937.

Alergia

Pennell, R. B. — Huddleson, I. F. Study of cross skin sensitization between "Pasteurella tularensis" and "Brucella melitensis". *Michigan Agric. Exp. Sta., Tech. Bull.* 177: 15-9, 1941.

Caracteres culturais

Manzullo, A. Infección natural por "Brucella melitensis" en el "cavia pamparum". *Rev. Zootecnica*, Buenos Aires, 22 (233): 133-7, 1935.

Dissociação

Menozzi, A. — Oliveri, F. Fenomeni dissociativi e varianti cromogene nelle colture di "Eberthella typhi" e di "Brucella melitensis" sotto l'influenza del formolo. *Giorn. Batt. e Imm.*, 20 (2): 205-20, 1938.

Epidemiologia

Taylor, R. M. — Lisbonne, M. — Vidal, L. — Hazemann, R. H. Quelques notes épidémiologiques sur l'infection des chèvres et des brebis par "Br. melitensis". *Rev. Méd. Vét.*, Toulouse, 15: 185-205, 1938.

Isolamento — Baço — Suino

Pinto, A. B. Sobre o isolamento de "Brucella melitensis" de um baço de suino. *Bol. Soc. Brasil. Med. Vet.*, 8 (3): 184-8, 1938.

Lesões — Órgãos genitais — Ovinos

Coppo, M. Contributo allo studio delle alterazioni anatomiche da "Brucella melitensis" negli organi genitali dell'ariete. *Profilassi*, 13 (1): 15-20, 1940.

— Útero — Cadela

Ajello, P. Osservazioni e ricerche sulla localizzazione uterina della "Brucella melitensis" nella cagna. *Nuovo Ercolani*, 44 (10): 321-42, 1939.

Patogenia

Lignièrés J. Sobre las cualidades patógenas del "Brucella melitensis" y del "Brucella abortus". *Rev. Zootecnica*, Buenos Aires, 19 (220): 454-7, 1932.

Taylor, R. M. — Jorgensen, J. J. Étude des divers modes d'infection expérimentale des ovins. *Rec. Méd. Vét. Alfort*, 112 (3): 140-52, 1936.

Quimioterapia

Menefee, E. E. — Poston, M. A. Effects of sulfanilamide on "Brucella melitensis", var. "melitensis", "abortus", and "suis". *Jour. Bact.*, 37 (3): 269-76, 1939.

"BRUCELLA PARAMELITENSIS"**Ação bactericida do sangue**

Tirafferri, E. Sul potere battericida in vitro del sangue in toto sulla "Brucella melitensis", sulla "Br. paramelitensis" e sulla "Br. abortus". *Giorn. Batt. e Imm.*, 19 (1): 9-16, 1937.

Aglutinação

Pagnini, U. Osservazioni e ricerche sperimentali sul valore diagnostico della sieroaagglutinazione nell'infezione degli animali da "Br. paramelitensis". *Giorn. Batt. e Imm.*, 21 (2): 281-307, 1938.

"BRUCELLA SUIS"**Fagocitose**

Dickey, J. W. — Forbus, W. D. Chemotactic properties of "Brucella suis" (A study of phagocytosis of "Brucella" in vitro by normal, nonimmune human leukocytes). *Amer. Jour. Path.*, 21 (2): 195-203, 1945.

Lesões — Cérebro — Suino

Creech, G. T. "Brucella suis" infection of the brain of swine. *Jour. Amer. Vet. Med. Ass.*, 89 (5): 584-9, 1936.

Patogenia —

- Antunes A. — Carneiro, V. "Brucella suis" e sua ação patogênica para o homem (Terceiro caso de febre ondulante em São Paulo). *Rev. Soc. Paul. Med. Vet.*, 3 (5-6): 107-19, 1933.
- Carini, A. Ainda um caso de febre ondulante causada por "Brucella suis". *Arch. Biol.*, São Paulo, 21 (196): 11-2, 1937.
- Dubois, C. Innocuité chez la brebis, la chèvre et la vache, du vaccin préparé avec des germes vivants avirulents, de "Brucella abortus suis" en émulsion dans un excipient irrésorbable. *Bull. Acad. Vét. France*, 11 (1): 42-51, 1938.
- Hutchings, L. M. — Delez, A. L. — Donham, C. R. Studies on brucellosis of swine. II. Exposure and re-exposure experiments with "Brucella suis". *Am. J. Vet. Res.*, 7 (22): 11-20, 1946.

— Cordeiros

- Orlandini, C. Ricerche sulla ipersensibilità alla "Br. abortus suis" negli

agnelli. *Nuova Veterinaria*, 14 (6): 12-7, 1936.

Quimioterapia

- Menefee, E. E. — Poston, M. A. Effects of sulfanilamide on "Brucella melitensis", var. "melitensis", "abortus", and "suis". *Jour. Bact.*, 37 (3): 269-76, 1939.

Resistência hereditária

- Cameron, H. S. — Gregory, P. W. — Hughes, E. H. Inherited resistance to brucellosis in inbred Berkshire swine. *Am. J. Vet. Res.*, 4 (13): 387-9, 1943.
- Cameron, H. S. — Gregory, P. W. — Hughes, E. H. Studies on genetic resistance in swine to "Brucella" infection. II. A bacteriological examination to resistant stock. *Cornell Vet.*, 31 (1): 21-4, 1941.
- Cameron, H. S. — Hughes, E. H. — Gregory, P. W. Studies on genetic resistance in swine to "Brucella" infection. *Cornell Vet.*, 30 (2): 218-22, 1940.

SUMMARY

The A. presents a bacteriological reference work on "Brucella" in general, and then on B. "abortus", B. "melitensis" and B. "suis" particularly.

The subjects are ordered alphabetly and represent material collected from periodical publications received by the Library of the Faculdade de Medicina Veterinária da Universidade de São Paulo, since 1936.

