

COMPARISON OF SALVARSAN AND JAPANESE SALVARSAN SUB- STITUTES.

Quoting *Chemical Abstracts*, November 10, 1917, p. 2934, from *Japanese Medical Literature* (1917) 2, Part 2 (9), various substitutes for salvarsan and neosalvarsan have been placed on the market under such names as arsaminol, sodium arsaminol, ehamisol, neohamisol, tanvarsan, neotanvarsan and arsemin. These Japanese preparations were tested pharmacologically on rats and dogs, and also compared with control experiments, using Ehrlich sold salvarsan. Clinical tests were also made in syphilitic cases. The workers K. Dohi, H. Nakano and T. Kambayashi state that: "The toxicity of all preparations was noticeably less than the German one, although the possibility is allowed that the latter may have changed somewhat with age. The Japanese preparations seemed to have fully as much value as the original and yet lacked much of the reaction that usually accompanies the injections of the latter."

THE USE OF SACCHARIN IN SYRUPS, ETC.

Ernesto Repetto, in *Revue Pharmaceutica* 60, 407-419, 1917, recommends the use of saccharin in medicinal preparations. It is claimed that it contributes no ill effects and is really advantageous because it prevents stomach and intestinal fermentation. Glycerin is recommended as a solvent.

THEORY OF EMULSIFICATION BASED ON PHARMACEUTICAL PRACTICE.

W. O. Emery, in *Chemical Abstracts*, November 20, 1917, p. 3094, presents the conclusions of W. G. Crockett and R. E. Oesper on above subject in an article printed in *J. Ind. Eng. Chem.*, 9 (1917), 967-969. These are based on numerous experiments, which follow: (1) Critical points have been estab-

lished using tragacanth and Irish moss as emulsifying agents. (2) Better tragacanth emulsions are obtained by adding the proper amount of water to the previously mixed internal phase and emulsifier and shaking immediately, than by adding the water in portions, shaking after each addition. (3) If the water and the critical amount of tragacanth are made into a mucilage and this then shaken with the internal phase, no emulsion is formed. (4) The critical points are not affected by allowing the dried internal phase to stand in contact with the emulsifying agent before the addition of water. (5) Irish moss emulsions are not affected by small quantities of alcohol, but are instantly cracked by the addition of a trace of soap either before or after the addition of the water or after emulsification has been completed. More than a trace, however, is not detrimental but aids the moss in producing emulsification. (6) Glycerin serves to re-emulsify emulsions cracked by soap, and emulsions to which glycerin has previously been added are not cracked by a trace of soap. It does not directly aid the moss as an emulsifier. (7) Acacia emulsions are not cracked by the addition of a trace of soap. If less than the critical amount of acacia is used, a trace of soap added before the addition of the water supplements the acacia and emulsification ensues; if, however, emulsification is attempted by shaking the internal phase with water and an insufficient quantity of acacia and then adding the soap, it is found that no emulsion is produced, by not only the quantity of soap previously used, but even by many times that quantity. (8) Critical points are less distinct with more viscous than with the less viscous oils. (9) Tragacanth is not suited for the emulsification of fixed oils in water under the foregoing conditions, for it forms a thick, ungovernable mass. (10) Critical points vary with the shape of the container in which the emulsions are made.

OBITUARY.

IN MEMORY OF CHARLES CASPARI, JR.

(Continued.)

CHARLES HOLZHAUER.

The American Pharmaceutical Association has lost a most valuable member in the death of Charles Caspari, Jr. A man of exceptional ability and of sterling character—he was untiring in his efforts to raise the stand-

ard of our Association higher and higher, and without any thought of gain to himself. To know the right and to do it, was ever uppermost in his mind. I knew Mr. Caspari for a long period of years and my respect for him has constantly increased. His memory will ever be cherished, and truly his works will live after him.

H. H. RUSBY.

As we review the long roll of prominent members of the American Pharmaceutical Association who have been taken from our ranks by death during recent years, their individual characteristics and their peculiar lines of usefulness to the Association show forth more clearly than while they were still in harness; perhaps because during life their personal qualities and relations with us blinded us to their more distant, though broader activities. It is difficult for me to forget my personal loss in Professor Caspari's death while reflecting on that of the Association. He was to me a warm and faithful friend and a willing, patient and tireless co-worker. My first impressions of him, as we became acquainted in Association work, have never changed except to strengthen, for he was exactly what he seemed to be at first sight. In dealing with him one was never obliged to beat about the bush, to make allowances for hidden meanings, or to indulge in speculations as to his position. Except when he preferred to keep silent, Professor Caspari was absolutely sincere and frank in his expressions. He was the soul of honor and his honor reached the very depths of his being. His courage never failed. With no element of combativeness, scarcely of aggressiveness, he was never found wanting when men were to be counted for a cause, and in the place that he assumed, he could be counted on to stick until the last. In all my close acquaintance with him, I never knew him to fail in measuring up to his own high ideals, and he has always been to me a source of encouragement and strength. I know that my associates feel the same. The Association has lost a strong, as well as faithful friend and supporter and one whose example can well be studied and imitated by our younger members.

THE CHARLES CASPARI, JR.,
MEMORIAL.

At a meeting in memory of the late Prof. Charles Caspari, Jr., held at the University of Maryland on October 23rd, several suggestions were offered that some permanent memorial of his life be established. Following these suggestions, Dr. J. F. Hancock, Chairman, asked the officers and those gentlemen who at the meeting represented the College of Pharmacy and the manufacturing, wholesale and retail pharmacists, to act as a

committee to consider these suggestions and suggest some suitable plan of action. The committee, on November 8th, organized and elected Dr. J. F. Hancock chairman and E. F. Kelly secretary-treasurer. After careful consideration and general discussion of the matter, the committee has decided to ask contributions from former students, friends and admirers, to provide an oil portrait of Prof. Caspari, to be hung on the walls of the Department of Pharmacy, University of Maryland and a scholarship, or scholarships, for senior students in the Department of Pharmacy, to be awarded annually by the Faculty of Pharmacy, and to be known as The Charles Caspari, Jr., Scholarship, or Scholarships.

The fund collected, after the cost of the portrait and necessary expenses are deducted, will be invested in stable, interest-bearing securities, preferably government bonds, and these will be trusted to the Faculty of Pharmacy of the University of Maryland, the interest only to be used in providing the scholarship, or scholarships, which are to cover the annual tuition fee only.

It is confidently believed by the committee that a memorial of such practical value would have most appealed to him whom we honor, and who gave his best efforts to the instruction of students. It is impossible to address personally all who may wish to take part in this memorial, but the committee will give the movement the widest publicity and hopes that all who may desire to do so will consider themselves invited to contribute to the fund.

It is requested that all contributions be made payable to E. F. Kelly, Secretary-Treasurer, and addressed to him at Lombard and Greene Streets, Baltimore, Maryland.

Respectfully,
JOHN F. HANCOCK, *Chairman*,
D. M. R. CULBRETH,
JOHN B. THOMAS,
A. R. L. DOHME,
JOHN C. MUTH,
E. F. KELLY,

Committee.

IN MEMORY OF CHARLES HOLZHAUER.

JOSEPH L. LEMBERGER.

For many years I have known and respected most highly our departed friend Charles Holzhauer. In association affairs we frequently worked together and there impressions were made that enable me to say, he was a man of sterling integrity, preferring to do

right in all things. He was a useful member of the American Pharmaceutical Association and well deserved the honor conferred as presiding officer. We will miss him at the annual meetings; he was rarely absent. The community in which he lived will miss him also; he was a good citizen and faithfully worked for the uplift of humanity. Memory of good deeds will follow him. The sympathy of many friends is due the family in their severe affliction.

W. L. DEWOODY.

Through a message from Dr. H. M. Whelpley I learn of the death of our president, Mr. Charles Holzhauser. I am both shocked and grieved. His loss will be deeply felt by the entire Association and especially by his host of friends who knew him well and appreciated his honest, earnest and valuable work.

J. W. ENGLAND.

Charles Holzhauser has lived the proverbial three score years and ten of the Psalmist and has entered into his reward. He has served his God and his fellowmen with unusual zeal and industry and his life has been a real success.

Strong and positive in his opinions, he was not unreasonable, and the older he grew the more we all came to love the genial, warm-hearted personality of the man and admire his sterling, upright character. He had high ideals and he lived up to them. He never grew "stale," but kept in touch with modern progress. He loved the American Pharmaceutical Association and all that it stood for and he worked untiringly for its interests.

His life's work was like the man himself—honest, useful, thorough and well-balanced, and he has not lived in vain.

S. L. HILTON.

It is with the deepest regret that I learn of the death of President Holzhauser. He was one of the staunch members of the American Pharmaceutical Association, a man of most pleasing manners and disposition and just the kind of man we wanted as president of our Association. His administration, I am sure, would have developed many good things for American Pharmacy.

F. J. WULLING.

I first met our lamented friend, Charles Holzhauser, in the middle 80's, when I presented myself at Newark, New Jersey, for an examination by the State Board of Pharmacy,

of which he had formerly been the president and in which his interest still persisted. Mr. Holzhauser had then been in business and a member of the American Pharmaceutical Association for something over twenty years and I learned then to regard him as a mature man and a pharmacist of high ethical and professional standards and aspirations. We have been good friends since. I met him frequently during my attendance at the New York College of Pharmacy. He was active as one of the trustees at the time, I believe. The good and helpful advice of my friend given me in my youthful days has been of constant value to me. However, I was only one of many young men in whom he became interested and whom he stimulated with helpful advice and example. Although our friend belonged to the old school with its higher professional and practical standards, he yet had the wisdom to adapt himself, though sometimes reluctantly, to the modern trend of retail pharmacy. While he did so his heart was always in the professional ideals that underlay his early pharmaceutical training.

In his passing on, ethical pharmacy has lost one of its staunch advocates and supporters and American pharmacy thereby suffers a distinct loss.

President Holzhauser had many friends and all who knew him were his well wishers. In short, he was a lovable man.

GEO. M. BERINGER.

Charles Holzhauser—In the decease of President Charles Holzhauser, American pharmacy has lost another of the leaders that we can but illy spare. When the history of our calling is written, he will be found to have occupied a high position as an advisor and director of action. As one who had been for years closely associated with him in pharmaceutical circles and who enjoyed his confidence, I had many opportunities of observing his unselfish labors and the nobleness of his purpose and the generosity of his nature. In everything that he undertook, he became a power by virtue of his enthusiastic service, his wise counsel and the confidence that he inspired. He was devoted to his business, to his family, to his church and to his pharmaceutical associations, and in all of these took a full share of work which was always accomplished in his usual energetic way and without any show or seeking of publicity.

Mr. Holzhauer was noted among his host of friends for his ripe experience and knowledge of human nature and his excellent judgment and so he was very frequently appealed to for advice and guidance. No one will ever know to how many in all avenues of business and walks in life he has played the part of a "Big Brother." Devoid of self-seeking, disliking anything that seemed like show or ostentation, his work was performed so quietly that many were never even acquainted therewith. Nevertheless, there are a host of those who have enjoyed his big hearted, kindly advice and who admired greatly the sincerity of purpose, the firmness of conviction, the uprightness of character, the liberality of his views and his faithfulness as a friend and christian brother, in whose future life there will be a continuous void because our friend and brother has gone—before.

(On account of publication date it was necessary to hold other contributions.)

JOHN FERGUSSON

John Fergusson, until recently president of the Philadelphia Drug Exchange, died November 30th, at his home in Edgewater Park, N. J., after an illness of several months. Mr. Fergusson was for many years a member of the firm he organized, Fergusson Brothers, 109 Chestnut St. For more than fifty years he was a member of the Philadelphia Drug Exchange.

He was widely known and highly esteemed in the chemical trade. He was born in Scotland seventy-three years ago and came to this country when a boy. While not a member of the American Pharmaceutical Association, the position he held, and the genuine friendship he always exhibited, makes this brief mention a duty, to which we add an expression of highest regard and of deepest sympathy for the bereaved.

SOCIETIES AND COLLEGES.

NATIONAL COMMITTEE ON THE
PHARMACEUTICAL SYLLABUS.

BULLETIN XVI.

Some changes have occurred since the list of members of the committee was last sent out, and the corrected list with complete addresses is as follows:

From American Pharmaceutical Association.

Term
expires

- 1918 P. Gerhard Albrecht, Cleveland School of Pharmacy, Cleveland, Ohio.
1919 Edwin L. Newcomb, 719 Sixth Ave., S. E., Minneapolis, Minn.
1920 Eugene G. Eberle, 253 Bourse Building, Philadelphia, Pa.
1921 Harry B. Mason, P. O. Box 484, Detroit, Mich.
1922 George M. Beringer, 1033 Cooper St., Camden, N. J.
1923 Henry H. Rusby, 776 DeGraw Ave., Newark, N. J.
1924 Willis G. Gregory, 125 Bedford Ave., Buffalo, N. Y.

From American Conference of Pharmaceutical Faculties.

- 1918 Charles W. Johnson, 5031 Fifteenth Ave., N. E., Seattle, Wash.

- 1919 Clement B. Lowe, Lovebrook, Vineland N. J.
1920 William C. Anderson, 315 Greene Ave., Brooklyn, N. Y.
1921 Julius A. Koch, Bluff & Pride Sts., Pittsburgh, Pa.
1922 Theodore J. Bradley, 70 St. Botolph St., Boston, Mass.
1923 Clyde M. Snow, 701 South Wood St., Chicago, Ill.
1924 Albert Bolenbaugh, Medical College of Virginia, Richmond, Va.

From National Association of Boards of Pharmacy.

- 1918 William H. Rudder, 3 Lyons Block, Salem, Ind.
1919 George C. Diekman, 115 West 68th St., New York, N. Y.
1920 Mason C. Beebe, 75 Church St., Burlington, Vt.
1921 John Culey, 2479 Washington Ave., Ogden, Utah.
1922 Ellis E. Faulkner, Delton, Mich.
1923 Charles H. Skinner, Windsor, Vt.
1924 Otto W. Osterlund, 46th St. & Baltimore Ave., Philadelphia, Pa.

The following sub-committees are appointed
Materia Medica.—H. H. Rusby, Chairman