

The sub-groups, however, have no importance in transfusions of blood.

Hæmagglutinin (not isohæmagglutinin) M and N provide further differentiation. Each group and sub-group is of M, N or MN type. The types may have a place in transfusion specially in repeated transfusions.

#### A LIST OF USEFUL REFERENCES

The titles of the following papers, published during the last three years, indicate the subjects investigated and discussed and will provide the necessary details of procedure which have been kept out of the general account given in this communication.

- (1) On M and N in Blood Groups: Technique of Typing, Anti-fluids, Findings in 300 Indians and Associated Considerations. By S. D. S. Greval, S. N. Chandra and L. S. F. Woodhead, *Ind. Journ. Med. Res.*, 26, April 1939.
- (2) The use of Blood Tests in Excluding Paternity and Maternity. By S. D. S. Greval, *Ind. Med. Gaz.*, 75, July 1939.
- (3) Difficulties and Dangers in Providing Donors of Blood. By S. D. S. Greval and S. N. Chandra, *Ind. Med. Gaz.*, 74, August 1939.
- (4) Taking Blood for Transfusion. By S. D. S. Greval and S. N. Chandra, *Ind. Med. Gaz.*, 75, January 1940.
- (5) The Needle in the Vein. By S. D. S. Greval, *Ind. Med. Gaz.*, 75, February 1940.
- (6) Blood Groups of Communities in Calcutta. By S. D. S. Greval and S. N. Chandra, *Ind. Journ. Med. Res.*, 27, April 1940.
- (7) The use of Blood Tests in Excluding Paternity and Maternity (with a note for non-medical readers). By S. D. S. Greval, *Burma Police Journal*, 3, July 1940.
- (8) Taking Blood for Transfusion (in Potain's Aspirator). Further Details including Cold Storage. By S. D. S. Greval, S. N. Chandra and A. B. Roy Chowdhury, *Ind. Med. Gaz.*, 75, September 1940.
- (9) Blood Groups and Blood Types. By S. D. S. Greval, *Current Science*, November 1940.
- (10) Making Plasma Safe for Transfusion. By S. D. S. Greval, *Ind. Med. Gaz.*, 75, December 1940.
- (11) On Isohæmagglutination: Nomenclature, Titration of Isohæmagglutinins, Need for Revision of Technique of Grouping Blood, etc. By S. D. S. Greval, S. N. Chandra and L. S. F. Woodhead, *Ind. Journ. Med. Res.*, 29, January 1941.
- (12) Obtaining Compatible Blood Exchange and Associated Considerations. By S. D. S. Greval, *Cal. Med. Journ.*, 38, 79-83, February 1941.
- (13) Taking Blood for Transfusion: Further Improvisations. By S. D. S. Greval, S. N. Chandra and D. N. Chatterji (in press) *Ind. Med. Gaz.*
- (14) An important Anti-genic Difference between Hæmagglutinogens M and N. By S. D. S. Greval and S. N. Chandra (in press), *Ind. Journ. Med. Res.*
- (15) A Note on Blood Transfusion Services of Calcutta (Organisation, Routine and Research). By S. D. S. Greval, and S. N. Chandra. A Government of Bengal Publication, 1941.

## OBITUARY

### DR. ARNOLD BERLINER (1862-1942)

WE deeply regret to record the death of Dr. Arnold Berliner at the age of eighty. He is well known throughout the world of science as the Founder and until 1935, the Editor of *Naturwissenschaften*. In July 1935, Dr. Berliner, at the special invitation of the Board of Editors, *Current Science*, accepted the position of one of the Corresponding Editors. His association with *Current Science* has been eventful; he was responsible for the suggestion that

*Current Science* should undertake the publication of special supplements dealing with the most outstanding topics of science. The supplements so far issued on Laue Diagrams, Canal Rays, Genetics, and Organisers in Animal Development are largely the direct consequence of his enthusiastic, generous and whole-hearted co-operation.

In his death, *Current Science* loses one of its highly esteemed and valued well-wishers.