Symposium on Virus Hepatitis Antigens and Antibodies
Munich, August 1970

The Australia Antigen
Hepatitis Associated Antigen (HAA)
and Corresponding Antibodies

Editor
J. P. Soulier, Paris

47 figures and 82 tables

S K

19 70

S.KARGER • BASEL (Switzerland) • MÜNCHEN • NEW YORK

Published simultaneously as

Vox Sanguinis, Vol. 19, No. 3-4 (1970)

S. Karger • Basel München New York
Arnold-Böcklin-Strasse 25, CH-4000 Basel 11 (Switzerland)

All rights, including that of translation into other languages, reserved.
Photomechanic reproduction (photocopy, microcopy) of this volume or parts thereof
without special permission of the publishers is prohibited.

©

Copyright 1970 by S. Karger AG, Verlag für Medizin und Naturwissenschaften, Basel
Printed in Switzerland by Buchdruckerei Friedrich Reinhardt AG, Basel

Contents

I. Methods of Study, Biological Data

Virus Studies, Animal Experiments, Genetic Studies

Pesendorfer, F.; Krassnitzky, O. and Wewalka, F. (Wien): Immunodiffusion
and Immunoelctrophoretic Techniques 200 (2)
Prince, A. M. (New York, N.Y.): The High Voltage Immunelectroosmophoretic (IEOP) Technique for Detection of SH Antigen: Application to Blood Donor Screening and to Study of Liver Disease 205 (7)
Barker, L. F.; Peterson, M. R. and Murray, R. (Bethesda, Md.): Application of the Microtiter Complement Fixation Technique to Studies of Hepatitis Associated Antigen in Human Hepatitis 211(13)
Walsh, J. H. ; Yalow, Rosalyn S. and Berson, S. A. (Bronx, N.Y.): Radioimmunoassay of Australia Antigen 217(19)
Hansson, B. Göran; Kindmark, C.-O. and Johnsson, T. (Malmö): Comparison Between the Immuno-electroosmophoresis and the Ouchterlony Precipitation Technique in Detecting Australia Antigen in Cases of Hepatitis 225 (27)
Brummelhuis, H. G. J. (Amsterdam): Technical Aspects and Results of the Determination of Hepatitis Associated Antigen (HAA) and Antibody 228 (30)
Thulstrup, H. and Dybkjaer, E. (Copenhagen): Screening for Hepatitis Associated Antigen by Three Different Methods 234 (36)
Melartin, Liisa; Myllylä, G. and Penttinen, K. (Helsinki): Detection of Au(I) Antigen by Immunodiffusion and Platelet Aggregation Tests 239 (41)
Berthold, H. and Luthardt, Th. (Freiburg i. Br.): Virus Studies in Hepatitis 254 (56)
Deinhardt, F.; Holmes, A. W.; Wolfe, Lauren and Junge, U. (Chicago, I11.): Transmission of Viral Hepatitis to Nonhuman Primates 261 (63)

196 Contents (IV)

Rivers, Shirley L. and Keeling, M. (Atlanta, Ga.): A Study of the Incidence of Australia Antigen and Antibody in Nonhuman Primates 270 (72)
Becker, W. and Bonacker, L. (Marburg): Precipitating Heterologous Antisera for the Detection of Au/SH-Antigen 273 (75)
Arnaud, R. ; Maupas, P.; Audurier, A.; Avril, J. and Raynaud, B. (Tours): Hyperimmunization of Rabbits with Australia Antigen 276 (78)
Kaboth, U.; Schober, A. and Thomssen, R. (Gottingen): Purification of Australia-SH-Antigen by Acid Dissociation of Australia-SHAntigen-Antibody Complexes 278 (80)
Rittner, Ch.; Schwinger, E. (Bonn); Stockhausen, F. G. (Köln) and Dufkova, J. (Bonn): Studies in Down’s Syndrome. I. Genetic Predisposition to Become a Carrier of the Au/SH Antigen? 280 (82)
II. Clinical Data

Patients, Blood Donors

Alvermann, Brigitte; Spies, K.; Püschel, J. and Schneeweiss, B. (Berlin): Failure to Detect Australia Antigen in Correspondence to other Clinical, Epidemiological and Laboratory Data in Children with Infectious Hepatitis 318 (121)
Wright, R. (Oxford): The Australia Antigen in Chronic Active Hepatitis 320 (122)
Gocke, D. J. (New York, N.Y.): The Australia Antigen and Blood Transfusion 327 (129)
Terrier, E.; Simonneau, M. and Jaulmes, B. (Paris): Screening Blood Donors for Australia Antigen Carriers at the Broussais Hospital 352 (154)

(V) Contents 197

Andrassy, K.; Ritz, E. and Sanwald, R. (Heidelberg): Australia Antigen in Various Plasma Fractions 357 (159)
Leski, M.; Grivaux, Catherine and Courouce-Pauty, Anne Marie (Paris): Australia Antigen in Hemodialysis and Renal Transplantation Units 359 (161)
Andrassy, K.; Ritz, E. and Sanwald, R. (Heidelberg): Australia Antigen in Chronic Hemodialysis 369 (171)


Lous, P.; Skinhøj, P. and Olesen, H. (Copenhagen): HAA-Antigen Determination in 12,000 Patients in a General Copenhagen Hospital 379 (181)

Berg, K. (Oslo): Studies on the Australia-SH Antigen in Norway 384 (186)

Krech, U.; Sonnabend, W. and Jung, M. (St. Gallen): The Age Distribution of Hepatitis-Associated Antigen (HAA) in Switzerland 391 (193)

Costantino, D.; Del Prete, S. and Doglia, M. (Milan): Experiences on Australia Antigen in Italy 394 (196)

Economidou, J.; Constantoulakis, M.; Augustaki, O.; Taylor, P. E.; Zuckerman, A. J.; Baines, P. M. and Bryceson, M. A. (Athens): The Incidence of Hepatitis-Associated Antigen and Antibody in Patients with Thalassaemia in Greece 401 (203)

Cossart, Yvonne E. (London): Some Data about Australia Antigen (HAA) in Great Britain 404 (206)

Lewis, Jessica H. (Pittsburgh, Pa.): Hemophilia, Hepatitis and HAA 406 (208)

Trepo, Ch. and Thivolet, J. (Lyon): Hepatitis Associated Antigen and Periarteritis Nodosa (PAN) 410 (212)

Sanwald, R.; Sauerbruch, T. and Lehmann, E. (Heidelberg): Australia Antigen in Patients with Acute and Chronic Liver Disease, in Blood Donors and Recipients 412 (214)