

CURRICULUM VITAE

Jean-Pierre ALLAIN

Emeritus professor of Transfusion Medicine, Department of Haematology
University of Cambridge, Cambridge, UK

Home Address:

Date of Birth: **GRO-C** 1942

Place of Birth: Chateauroux, Indre, France

Nationality: French

Education

1967 University of Paris Medical School: Platelet Factor 3

Diploma in Haematology, University of Paris

1967 Diploma in Medical Microbiology, University of Paris

1968 Diploma in Medical Biochemistry, University of Paris

1971 Master's Degree in Human Biology, University of Paris

1986 PhD in Biochemistry: Immunologic and biochemical characterisation of antibodies to
Factor VIII: C in man

1994 MSc in Clinical Psychology

Posts Held

1965-1967 Assistant Professor of Haematology, Hôpital St Louis, Paris

1967-1971 Assistant Professor of Haematology, Hôpital Bicêtre, University of Paris South
Medical School

1971-1977 Director, French Red Cross Haemophilia Centre, La Queue Les Yvelines, France

1977-1981 Senior Research Scientist (Haemostasis), National Blood Transfusion Centre,
Paris

1981-1986 Head of Department of Research & Development for plasma derivatives,
National Blood Transfusion Centre, Paris

1986-1989 Medical Research Laboratory Manager (Hepatitis & AIDS Diagnostics Products),
Laboratories, N. Chicago, IL, USA

1989-1991 Medical Director, AIDS & Hepatitis Division, Abbott Laboratories, N Chicago IL,
USA

1991-1992 Director East Anglia Blood Transfusion Centre, Cambridge, England

1991-Sep 2009 Professor of Transfusion Medicine, Department of Haematology,
University of Cambridge, Cambridge, UK

Oct 2009-present Part-time Emeritus Prof Transfusion Medicine, Dept Haematology,
University of Cambridge, Cambridge, UK

Fellowship

1973-7 Department of Pathology, University of North Carolina, Chapel Hill, NC, USA

Royal College of Pathologists, 2 Carlton House Terrace, London SW1Y 5AF, England
(FRCPath)

2000 Fellow Academy of Medical Sciences

1999-2000 Sabbatical leave, Dept of Medicine, Head of Blood Centre, Komfo Anokye
Teaching Hospital, Kumasi, Ghana

Membership

International Society of Thrombosis and Hemostasis until 1986

International Committee in Thrombosis and Hemostasis (Consultant) until 1986

French Society of Haematology until 1986

French Society of Blood Transfusion until 1986

World Federation of Haemophilia (Medical secretary 1972-1986)

International AIDS Society

American Association of Blood Banks (AABB)
British Blood Transfusion Society
British Society for Haematology
International Association of Biological Safety (chair Blood Committee)

Other

Consultant to WHO – Blood Products until 1985
Global Consortium for Blood Safety (GCBS) 2004-2010

Scientific Journal Reviewer:

AIDS (Member of Editorial board)
AIDS Research & Human Retroviruses
Blood
Blood Transfusion (Member Editorial board)
BMC Public Health
British Journal of Haematology
Clinical & Diagnostic Virology
Clinical & Experimental Immunology
Digestive Diseases and Sciences
Emerging Infectious Diseases
Epidemiology and Infection
European Journal of Clinical Microbiology & Infectious Diseases
Haemophilia
Hepatology
Journal of American Medical Association (JAMA)
Journal of Acquired Immunodeficiency Syndrome
Journal of Clinical Microbiology
Journal of General Virology
Journal of Hepatology
Journal of Infection
Journal of Infectious Diseases (Member Editorial board)
Journal of Medical Virology
Journal of Viral Hepatitis
Journal of Virology
Journal of Virological Methods
Malaria Journal
Medical Journal of Australia
Nature Medicine
PLOS Medicine
Scandinavian journal of Infectious Diseases
Transfusion (Member Editorial board)
Transfusion Medicine (Editor in chief)
Virology
Virology Journal
The Lancet
Vox Sanguinis

Summary of Professional Activity and Experience 1964 to present

1964-1967

Junior medical resident in Paris general hospitals (Assistance publique) in surgery, internal medicine and haematology.

1967-1971

Hospital Bicetre, University of Paris V

Assistant professor of Haematology (Lecturer), adult section 1967-69

Assistant professor of Haematology, paediatric section 1969-1971

Delegated to the function of Reader in Haematology 1970-1971

Main topic of activity was laboratory haematology for Hospital patients. Some research was conducted on microscopic electronis studies of Gaucher disease. Studies of high doses of penicillin on platelet functions.

1970-1977

French Red Cross Haemophilia Centre

At the Centre, I was appointed Director with both Medical and Administrative responsibilities. The Centre consisted essentially of a boarding school for over 100 children with haemophilia A or B, mostly severe. Primary and secondary education was initially provided in the Centre by teachers specialised in education of handicapped children appointed under a special contract by the Regional Department of Education. Later, when self-treatment was introduced (1974), secondary education was provided by the local public high school.

The staff consisted of 2 MDs, 2 nurses, 4 aid nurses and a variety of external consultants (orthopaedic surgeons, dentists, neurologists, psychiatrists, and paediatricians). 2 clinical psychologists and 2 social workers provided Psychological supported. There were a total of 70 staff members.

During the two 3 year periods of my directorship, the main topics of research were:

- Haemophilic arthropathy
- Replacement therapy and evaluation of new therapeutic products
- Natural history of antibody to Factor VIII
- Characterisation of allo- and auto-antibody to Factor VIII
- Self-treatment and its psychological consequences
- Interaction between haemophilic children and their parents

In each of these topics, several peer reviewed articles were published.

The main accomplishment of the institution was to initiate and legitimise self-treatment and home treatment for haemophiliacs in France. The group demonstrated not only the medical benefit of this approach but also its major psychological impact on the children and their families. Secondly, the studies on antibody to Factor VIII were instrumental in the development of immunoassays and purification of Factor VIII leading to the cloning and expression of Factor VIII. The description of high and low responder inhibitor to Factor VIII was critical in advancing therapy of this severe complication of haemophilia A.

1977-1986

At the National Blood Transfusion Centre (CNTS) I reported to Professor J P Soulier, Director of CNTS initially and, on his retirement in 1984, to Mr G. Jacquin, Vice President of the Division of Bio Industry.

I was required to:

- Supervise and co-ordinate research and development programs of a department consisting of 4 senior scientists, 11 technicians and 5 graduate students doing thesis at master or PhD levels in the field of therapeutic blood products and protein biochemistry.
- Supervise budget, planning for new facilities, dealing with the personnel aspects of the department (25 persons).
- Be responsible for all in vivo clinical evaluation of coagulation factor preparations developed in my department and produced by CNTS. In addition, I designed and supervised clinical trials for a new fibronectin concentrate.
- Act as official liaison between CNTS and the French Haemophilia Association.
- Act as scientific committee chairman of a national programme to produce recombinant DNA Factor VIII for human therapy.
- Run a regular clinic for patients with bleeding disorders and be responsible for 30

patients with chronic haemorrhagic disorders, mostly haemophiliacs.

- Act as consultant on a national basis for difficult cases of haemophilia, particularly those with inhibitor.

- Act as a member of the National Expert Committee on Haemophilia reporting directly to the Ministry of Health. In this capacity, I designed and supervised several clinical trials evaluating Factor VIII and Factor IX preparations for the treatment of haemophiliacs at a national level. Domestic and imported products, non-heat-treated and heat-treated, were evaluated with respect to both non-A and non-B viruses and LAV/HTLC-III transmissions.

- Act as co-ordinator of the French AIDS-Haemophiliac Study Group. From 1983, this multi-centre, multidisciplinary national group evaluated the epidemiological and clinical features of LAV/HTLV-III infection in multi-transfused patients (haemophiliacs and thalassaemics). My responsibility was to design protocols for investigations, to collect results, organise co-ordination meetings, write grant proposals and scientific papers on the results. This study was supported by 3 grants from national research agencies totalling £350,000 to be shared by participants under the co-ordinator's responsibility. Four papers were published in Blood, The New England Journal of Medicine and Vox Sanguinis.

- Act as consultant to international agencies on blood and blood products (WHO, International Red Cross, World Federation of Haemophilia) and to various commercial and non-profit making organisations in the field of haemophilia and AIDS.

1986–1991

At Abbott Laboratories, N. Chicago, IL, USA

I was Manager of Medical Research from 1986 to 1989 and then Director of Medical Affairs for Hepatitis and Retroviruses from 1989 to 1991.

Medical Research consisted mostly of co-ordinating clinical investigations on current or new diagnostic products in order to determine their clinical use through designing and implementing collaborative studies with external laboratories (mostly academia). The products evaluated were:

HIV antigen

HIV p24 antibody quantification

HIV antibody quantification of antibodies to multiple structural HIV antigens

HTLV-I antibody assay and its confirmation

HBV DNA semi-quantitative assay

HCV antibody assay and its confirmation

In addition, multiple epidemiological studies were carried out. One of the main focuses of my activity was the assessment of various tests to predict progression of AIDS individually or in association. Some of these tests were found to be critical to monitor treatment of HIV infection with antiviral drugs.

I carried out a major project that consisted on the preparation, characterisation and clinical evaluation of a purified IgG fraction containing high titre of antibody to HIV for passive immune therapy. Animal studies in 3 chimpanzees and a phase I trial in 12 AIDS patients were completed successfully. An efficacy study protocol in HIV infected newborns was finalised and carried out in collaboration with the AIDS Clinical Trial Group (ACTG) of the NIH National AIDS programme.

In September 1989, I was put in charge of the Abbott Virology Reference Laboratory that provided confirmation testing for HIV-1, HIV-2, HTLV-I/II and HCV.

In April 1990, I was appointed head of the unit in charge of product clinical trials supervising 22 people including 4 PhDs. This group designed, carried out and report on field trials of new products for submission to the FDA, or national regulatory bodies, for licensure.

1991 to 2015

At Division of Transfusion Medicine, Department of Haematology, University of Cambridge

In 1991-92, I was Director of the East Anglian Blood Transfusion Centre. In that

capacity, I first restructured the Service and transformed this somnolent organisation into a dynamic, functional, cost-effective organisation, highly praised by the consultant haematologists in the region. The Centre also became recognised nationally and internationally. I was considerably helped in this task by two lecturer/consultants (Dr W Ouwehand and L Williamson) and the constant support of both the head of the Department of Haematology (Prof. RW Carrell) and the medical director of the RHA (Dr M O'Brien).

Simultaneously, we started a research unit in Transfusion Medicine (Division of Transfusion Medicine) within the Department of Haematology located in the National Blood Service facilities as an academic unit. Over a period of 3-5 years, this unit has prospered to reach a level of 30 and now 45 members, dedicated to research in transfusion Medicine. In 1995, the secretary of state for Health (Mr S Dorrell) designated this unit as well as another in Bristol Centres of excellence for research in Transfusion. After a 13 month-interruption due to legal problems in France with regards to HIV infection in haemophiliacs, I returned to my post as Professor of Transfusion Medicine at the University of Cambridge but was relieved from my consultancy and directorship with the NHS. This happened despite the fact that two special investigation groups independently constituted by the Royal College of Pathology and the East Anglia RHA, exonerated me of any wrong doing during the 1983-85 period in France. In June, 2003, the French Supreme court dismissed the charges for HIV infection of Haemophiliacs. I then resumed my research activity and the co-ordination of the Division of Transfusion Medicine. In 2000-2005, this unit research output was approximately 50 original peer reviewed publications. The funding of the division originates in almost equal parts from the NHS (NBS), national or charitable research funding organisations, and industry for a total budget of £2.2M/ year.

2015-present

Officially retired. Work as part-time consultant for a diagnostic start up company in Little Chesterford, Cambridgeshire.

Peer-reviewed publications

1. Allain JP, Caen J. L'analyse des fonctions plaquettaires: Mesure de l'activité coagulante des plaquettes appelée Facteur 3. *Revue Française d'Etude Clinique et Biologique* 1967; 12: 732
2. Caen J, Michel H, Hermansky F, Allain JP, Besson P. Le comportement des plaquettes sanguines de porc. *Compte-rendus des séances de la Société de Biologie* 1967; 161: 2455
3. Meyer D, Allain JP, Sultan Y, Caen J. Physiologie de l'hémostase I Mégacaryocytes et plaquettes. *Pathologie Biologie* 1968; 16: 783
4. Sultan Y, Caen J, Allain JP, Meyer D. Physiologie de l'hémostase II Fibrinolyse. *Pathologie Biologie* 1968; 17: 529
5. Allain JP, Meyer D, Sultan Y, Caen J. Physiologie de l'Hémostase III - Hémostase primaire. *Pathologie Biologie* 1970; 18: 679.
6. Allain JP. Traitement des arthropathies aiguës hémophiliques. *Gazette Médicale de France* 1971; 19: 187.
7. Caen J, Josso F, Sultan Y, Meyer D, Allain JP. L'Hémostase - Physiologie Exploration Fonctionnelle. *L'Expansion* 1970.
8. Allain JP, Maillasson F, Bach Ch. Hypoconvertinémie congénitale: un nouveau cas dans une famille de déficit associé VII + X. *Annales de Pédiatrie* 1971; 18: 817-823.
9. Allain JP, Risse JC. Treatment of hemophilia by continuous injection of cryoprecipitate. *VIIth Congress of The World Federation of Haemophilia*. eds: F. Ala and K W Denson. *Excerpta Medica* (Amsterdam 1973) pp 254-259.
10. Allain JP, Witvoet J, Gentil C. Les étapes du traitement de l'arthropathie du genou

chez l'hémophile. *Coagulation* 1971; 4: 339.

11. Risse JC, Menkes C, Allain JP, Witvoet J. Synoviorthesis as treatment of chronic haemophilic arthropathy: preliminary report. *Proceedings of the VIIth Congress of The World Federation of Haemophilia* (Tehran 1971). *Excerpta Medica* (Amsterdam 1973) pp 216-219.
12. Josso F, Allain JP. Recent advances in the study of inhibitors in haemophilia. *VIIth Congress of The World Federation of Haemophilia*. eds: F Ala and K W Denson. *Excerpta Medica* (Amsterdam 1973) pp 259-265.
13. Allain JP. Etude de l'activité in vivo du Facteur VIII ou du Facteur IX après injection de différents concentrés: application pratique. *Nouv Rev Fr Hémat* 1972; 12: 214-249.
14. Allain JP. Traitement des arthropathies chroniques de l'hémophile. *G.M de France* 1972; 79: 5803.
15. Josso F, Cosson A, Gazengel C, Allain JP. Les anticoagulants circulants au cours du l'hémophilie. *Revue Française de Transfusion* 1972; 15: 281.
16. Meyer D, Dray L, Allain JP, Larrieu J. Le Facteur VIII (Facteur antihémophilique A). *Biologie, physiologie, pathologie, génétique*. *Path Biol* 1972; 20: 607-623.
17. Lejeune F, Allain JP, Le Coq D, Turpin F. Etude cytochimique et ultrastructurale des dyslipoidoses: a propos de 6 cas. *Path Biol* 1973; 21: 483.
18. Allain JP, Frommel D. Antibodies to Factor VIII. I Variations in stability of antigenantibody complexes in hemophilia A. *Blood* 1973; 42: 437-444.
19. Risse JC, Allain JP, Gentil C, Alagille D. Traitement de 66 hémarthrose aiguës du genou chez l'hémophile par ponction évacuatrice. *Arch Franc Pediat* 1973; 30: 413-422.
20. Frommel D, Gaillandre A, Allain JP. Antibodies to Factor VIII - II - Study of complexes in vitro as an index of immune reactivity. *Fed Proceed* 1973; 32: 1034.
21. Allain JP, Vedrenne J, Frommel D. Antibodies to Factor VIII - III - Characterisation of the immune response to iso- and hetero-antigens in hemophilia. *Path Biol* 1973; 21: 76-79.
22. Allain JP, Gentil C, Gutton P. Special school for hemophiliacs. *Handbook of Hemophilia* eds: K M Brinkhous and A Britten.. *Excerpta Medica* (Amsterdam 1973) pp 881-896.
23. Witvoet J, Sultan Y, Amouroux J, Allain JP. Problèmes orthopédiques et chirurgicaux actuels de l'arthropathie hémophilique. *Actualités hématologiques* eds: Masson 1973 pp 160-175.
24. Menkès CJ, Allain JP, Gentil C, Witvoet J, Tak Tak H, Simon E, Delbarre F. La synoviorthèse à l'acide osmique chez l'hémophile. *Rev Rhum* 1973; 40: 255-258.
25. Allain JP, Frommel D. Antibodies to Factor VIII. Specificity and kinetics of Iso- and hetero-antibodies in hemophilia A. *Blood* 1974; 44: 313-322.
26. Allain JP, Cooper HA. Aggregation of platelets fixed with paraformaldehyde: a study of platelet membrane receptors. *Fed Proc* 1974; 33: 266.
27. Allain JP, Benamon D, Frommel D. Antigen HB dans une collectivité d'hémophiles. La présence d'anticorps prévient-elle une réinfection? Ed: Masson.. *Actualités Transfusionnelles* 1974 pp 683-687.
28. Gruyer P, Allain JP, Chassaigne M, Saint-Paul B. Intéret des pools de cryoprécipité. Ed: Masson. *Actualités Transfusionnelles* 1974 pp 329-330
29. Gutton P, Estrabaud M, Allain JP. Etude du remaniement des résistances psychiques de 53 adolescents hémophiles lors de l'introduction d'un progrès thérapeutique majeur (l'autoperfusion). *Bull de Psychologie* 1974-1975; 317: 717-740.
30. Ruggeri ZM, Mannucci PM, Allain JP, Frommel D. Preliminary trial of cyclophosphamide in the management of hemophiliacs with Factor VIII inhibitors. *Ann. NY Acad Sc* 1975; 240: 412-418.
31. Allain JP. A boarding school for hemophiliacs. A model for the comprehensive care of hemophilic children. *Ann. N.Y. Acad. Sc.* 1975; 240: 226-237.
32. Allain JP, Estrabaut M, Tran J, Gutton P. Traitement de l'hémophilie par l'auto perfusion. Etude clinique et psychologique. *Nouv. Rev. Franc. Hematol.* 1975; 15: 147-158.
33. Allain JP, Cooper HA, Wagner RH, Brinkhous KM. Platelets fixed with

- paraformaldehyde: a new reagent for assay of von Willebrand Factor and platelet aggregating factor. *J. Lab. Clin. Med.* 1975; 85: 318-328.
34. Graham JB, Barrow ES, Roberts HR, Webster WP, Blatt PM, Buchanan P, Cederbaum AI, Allain JP, Bennett DA, Gralnick HR. "Dominant" inheritance of hemophilia A in three generations of women. *Blood* 1975; 46: 174-188.
 35. Allain JP, Cooper HA and Wagner RH. Disappearance of canine small active Factor VIII fragment following transfusion in hemophilic dogs. Vth Congress of the International Society on Thrombosis and Haemostasis (Paris 1975); abst.
 36. Brinkhous KM, Graham JB, Cooper HA, Allain JP, Wagner RH. Assay of von Willebrand Factor in von Willebrand's disease and hemophilia: use of a macroscopic platelet aggregation test. *Thromb. Res.* 1975; 6: 267-273.
 37. Allain JP, Roberts HR. Treatment of acute bleeding episodes in hemophilic patients with Factor VIII antibodies. *Handbook of Hemophilia*, eds: K M Brinkhous et al. *Excerpta Medica* (Amsterdam 1975) pp 659-671.
 38. Allain JP and Krieger G. Prothrombin-complex concentrate in treatment of classical haemophilia with Factor VIII antibody. *Lancet* 1975; 2: 1203.
 39. Meunier L, Allain JP, Frommel D. Performances of an artificial reagent for the on-stage Factor IX assays. *Thromb Diath Haemorrh* 1975; 23: 547-552.
 40. Meyer D, Plas A, Allain JP, Sitar J M, Larrieu M J. Problems in the detection of carriers of haemophilia A. *J Clin Pathol* 1975; 28: 690-695.
 41. Strike L, Saint-Paul B, Chassaigne M, Allain JP. Dosage radioimmunologique du Facteur antihémophilique A. *Nouv. Press Med* 1975; 5: 2877-2879.
 42. Allain JP and Frommel D. Antibodies to Factor VIII: patterns of immune response to Factor VIII in hemophilia A. *Blood* 1976; 47: 973-982.
 43. Allain JP, Steinbuch M, Meunier L, Muller Y, Soulier J P. Traitement substitutif de l'hémophilie A par un nouveau concentré de Facteur VIII. *Nouv Presse Med* 1976; 5: 1047-1050.
 44. Allain JP, Frommel D. Failure of immuno suppression in a severe hemophilia B patients with a specific antibody. *Throm Diath Haemorrh* 1976; 36: 86-89.
 45. Allain JP. Management of haemophilia in France. *Thromb Diath Haemorrh* 1976; 35: 553-558.
 46. Frommel D, Allain JP. Genetic predisposition to develop Factor VIII antibody in classic hemophilia. *Clin Immunol Immunopath* 1977; 8: 34-38.
 47. Allain JP. Traitement de l'hémophilie à domicile. *Nouv Rev Fr Hematol* 1977; 18: 672-682.
 48. Frommel D, Muller JY, Prou-Wartelle P, Allain JP. Possible linkage between the major histocompatibility complex and the immune response to Factor VIII in classic haemophilia. *Vox Sang* 1977; 33: 270-272.
 49. de-la-Caffiniere JY; Allain JP; Laurian Y; Larrieu MJ. Patello-femoral syndrome in hemophilic knee. *Acta Orthop Belg.* 1978; 44: 389-401
 50. Delors S, Allain JP. Aspects psychologiques de l'autotraitement chez le préadolescent hémophile. *Psychol Med* 1978; 10: 739-748.
 51. Allain JP. Dose requirement for replacement therapy in hemophilia A. *Thromb Haemostas* 1979; 42: 1-7.
 52. Allain JP, Verroust F, Soulier JP. One or two stage assay for Factor VIII. *Lancet* 1979; i: 1076.
 53. Lee H, Tucker D, Allain JP. Rapid isolation and purification of antibody to Factor VIII by protein A. *Thromb Res* 1979; 14: 925.
 54. Allain JP. Effets secondaires des transfusions chez les hemophiles. *Rev Fr Transfus Immunohematol* 1979; 22: 77-81.
 55. Allain JP - collaborator in the European study of Factor VIII antibody. Development of Factor VIII antibody in haemophilic monozygotic twins. *Scand J Haematol* 1979; 23: 64-68.
 56. Allain JP, Verroust F, Soulier J P. In vitro and in vivo characterization of Factor VIII preparations. *Vox Sang* 1980; 36: 38.

57. Allain JP (co-author). The collection, fractionation, quality control and uses of blood and blood products. World Health Organisation Monograph Geneva 1981.
58. Allain JP, Gaillandre A, Lee H. Immuno-chemical characterization of antibodies to Factor VIII in hemophilic and non-hemophilic patients. *J Lab Clin Med* 1981; 97: 791-800.
59. Allain JP, Gaillandre A, Frommel D. Acquired hemophilia: functional study of antibody to Factor VIII. *Thromb. Haemost.* 1981; 45: 285-289.
60. Allain JP. Genetic aspects of inhibitor formation in haemophilia. Eds: Seligsohn, Rimon and Horoszowski. *Haemophilia* 1981 pp 79-85. (Castle House Publications Ltd).
61. Allain JP. Hemophilia: home therapy and its applicability in Southeast Asia. *Southeast-Asian-JTrop- Med-Public-Health*. 1979; 10: 295-7
62. Frommel D, Allain JP, Saint-Paul E, Muller J Y. HLA antigens and Factor VIII antibody in classic haemophilia. *Thromb Haemost* 1981; 46: 687-689.
63. Lerolle D, Dreyer-Duffer C, Allain JP. Anticoagulant circulant spécifique du facteur V: étude clinique, biologique et thérapeutique. *Nouv Press Med* 1981; 10: 1483-1487.
64. Verroust F, Adam C, Kourilsky O, Allain JP, Verroust P. Circulating immune complexes and complement levels in hemophilic children. *J Clin Lab Immunol* 1981; 6:127-130.
65. Canavaggio M, Allain JP, Lee H. Measurement of human fibronectin by enzyme-immunoassay using monoclonal antibodies. Eds: Avrameas et al.. *Immunoenzymatic Techniques* [Elsevier Biomedical Press] Amsterdam 1981 pp 325-328.
66. Laurian Y, Girma JP, Allain JP, Verroust F, Larrieu MJ. Absences of anamnestic response after transfusion of washed red blood cells in haemophilia A patients with antibody to Factor VIII. *Scand J Haematol* 1982; 28: 233-237.
67. Verroust F, Allain JP. Immune response induced by porcine Factor VIII in severe hemophiliacs with antibody to F. VIII. *Thromb Haemostasis* 1982; 48:238. 66.
68. Allain JP, Croissant MP, Lerolle D, Houbouyan L, Zuzel M, Frommel D. In vivo interactions of autoantibodies to Factor VIII with the Factor VIII complex. *Thromb. Haemostasis* 1982; 48: 142-145
69. Allain JP, Lejars A, Pham CT, Gaillandre A, Lee H. Purification de la fibronectine humaine par précipitation et immunoabsorption. *Rev. Fr. Transf. et Immunohématol.* 1983; 26: 123-134.
70. Croissant M, Zuzel M, Allain JP. Heterogeneity of autoantibodies to Factor VIII: differences in specificity for apparently distinct antigenic determinants of Factor VIII coagulant protein. *Blood* 1983; 62: 133-140.
71. Frommel D, Allain JP, Courouge AM, Derosé S, Trepo D, Crivelli O, Rizetto M. Long-lasting abatement of HBsAg synthesis induced by acute delta infection. *Lancet* 1983; i: 656-657.
72. Lorenzini JP, Allain JP, Chalopin J M, Rifle G, Devilliers E, Carli P M, Corter P, Bonhomme J. Anticorps facteur VIII au cours d'une maladie de Rosai-Dorfman. *Nouv. Rev Fr Hématol* 1983; 25: 23-26.
73. Habibi-B, Allain-JP, Courouge-AM. Transfusion sanguine et syndrome d'immunodépression acquise (SIDA). *Rev Fr Transfus Immunohématol* 1983; 26: 447-65.
74. Allain JP, Croissant MP, Lerolle D, Houbouyan L, Zuzel M, Frommel D. In vivo interactions of autoantibodies to factor VIII with the factor VIII complex. *Thromb-Haemost* 1982; 48: 142-5
75. Allain JP. Preparation and clinical use of new plasma protein concentrates: antithrombin III and fibronectin. *Vox Sang* 1984; 46: 23-25.
76. Allain JP. Principles of in vivo recovery and survival studies. *Scand. J. Haematol.* 1984; 33: 1611-1613.
77. Allain JP. Production of antihemophilic factor in France. *Scand. J. Haematol.* 1984; 33: 499-503.
78. Allain JP. The nature of antibody response. *Scand. J. Haematol.* 1984; 33: 177-179.
- Garretta M, Allain JP, Habibi B, Muller JY. Clinical trials in blood transfusion. *Vox Sang* 1984; 46: 77-80.
79. Allain JP, Verroust F. The response of Factor VIII infusion in inhibitor patients with Factor VIII inhibitors. *Prog Clin Biol Res* 1984; 150: 99-108.

80. Allain JP. Transfusion support for haemophiliacs. *Clinics in Haematology* 1984; 13: 100-117.
81. Allain JP, Duermeier W, Hellings JA, Gazengel C, Laurian Y, Verroust F. Non-A, non-B hepatitis in hemophilic patients with inhibitor treated with activated prothrombin complex concentrates. *Vox Sang* 1984; 47: 47-53.
82. Allain JP, Bernard JP, Frommel D, Laurian Y, Proust JP. Prevention of early familial maladjustment by parent-staff group meetings. *Scand J Haematol* 1984; 33: 83-86.
83. Allain JP. Principles of in vivo recovery and survival studies in Factor VIII concentrates and their clotting activity. Eds: I M Nilsson, T W Barrowcliffe, K Schimpf. *Scand J Haematol* 1984; 33: 123-130.
84. Allain JP. Non-Factor VIII related constituents in Factor VIII concentrates and their clotting activity. Eds: I M Nilsson, T W Barrowcliffe, K Schimpf. *Scand. J. Haematol.* 1984; 33: 173-180.
85. Pierrot M, Habibi B, Allain JP, Fabre F, Casteran R. Fibronectine humaine dans le traitement des états septiques. *Presse Med.* 1985; 14: 79-82.
86. Verroust F, Moussard C, Allain JP. Hémorragies articulaires et musculaires des hémophiles A avec anticorps anti-Facteur VIII. Traitement par des lots sélectionnés de PPSB (concentré de Facteur IX). *Presse Med* 1985; 14: 1073-1076.
87. Allain JP, Masson P L, Dolkaert R E. The case for heat-treated products. *Lancet* 1985; 1: 814-815.
88. Allain JP, Laurian Y, Verroust F, Lambert T, Larrieu M J. Open trials with PCC and APCC: cost benefit assessment. *Proc. 4th Intl. Symp Hemophilia Treatment.* Eds: Maruzen & Co. (Tokyo 1985) pp 197-203.
89. Allain JP. Factor VIII concentrates. *Progress in Transfusion Medicine.* Ed: J D Cash. 1985 pp 108-122.
90. Soulier JP, Prou O, Allain JP. Effondrement de la fibronectine plasmatique au cours de forms graves de paludisme a *Plasmodium falciparum*. *Presse Med* 1985; 14: 1199-200.
- Allain JP. Histoire naturelle des anticorps anti facteur VIII chez les hemophiles A. *Rev-Fr-Transfus-Immunohematol.* 1985; 28: 581-9.
91. Allain JP. Syndrome de deficit immunitaire acquis. Recommandations d'un groupe de medecins francais et specialistes de l'hemophilie. Pont a Mousson le 1er Juin 1985. *Nouv-Rev-Fr-Hematol.* 1985; 27: 347-9.
92. Allain JP - collaborator in the AIDS Hemophilia French Study Group. Immunologic and virologic status of multitransfused patients: role of type and origin of blood products. *Blood* 1985; 66: 896-901.
93. Allain JP - collaborator in the AIDS Hemophilia French Study Group. Natural history of primary infection with LAV in multitransfused patients. *Blood* 1986; 68: 89-94.
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