

RUKHSANA ASLAM
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EDUCATION

- 1994 Ph.D Biochemistry, University of HongKong, HongKong
- 1991 M.Phil Physiology, University of Karachi, Pakistan
- 1987 M.Sc Physiology, University of Karachi, Pakistan
Graduated with High Honors, University Merit Certificate awarded
- 1985 B.Sc (Hons) Physiology (major), Biochemistry, Microbiology,
University of Karachi, Pakistan
Graduated with High Honors, University Merit Certificate awarded

CAREER HISTORY

2001 – at present

Senior Research Associate

Department of Transfusion Medicine, St. Michael Hospital, Toronto, Canada

- At present working on a project related to the immunological aspects of platelets.
Research work presented and published.

1999 – 2000

Postdoctoral Fellow

The Hospital for Sick Children, McMaster Research Institute, Toronto, Canada

- Research work involved Pharmacological studies on arachidonic acid metabolites and synthetic analogs. Assisted in angiogenesis and intraocular pressure (IOP) studies.
- Experience in small animal surgery, cannulations, infusion techniques, blood collection via cardiac puncture and venipuncture, immunoassays and chromatography techniques.
Research work presented and published.

1996 – 1999

Lecturer

Department of Biomedical Sciences, Victoria University of Technology, Australia

- Coordinated Human Bioscience for Nursing, Body Control Mechanisms and Acupuncture students. Co-ordination also involved the organization of lecturing and sessional staff.

- Developed and revised learning resources for students. It involved preparation of lecture synopsis, assignment topics, tutorial and practical class material, exams plus regulation and assessment of the Human Bioscience Booklet for students.

Also delivered lectures on Pharmacology, Endocrinology, Pathophysiology, Gastrointestinal and Respiratory Physiology to Biomedical, Biology and Psychology students at various campuses.

1996

**Trainee Regulatory Officer
Sigma Pharmaceutical Company, Australia**

- Experience of water sampling, sterility test, data management/analysis and QC.

1995 – 1996

**Scientific Manager
Boehringer Mannheim Pakistan (Pty) Limited**

- Set up and managed Scientific Information Department for in house and customers inquiries and technical problems.
- Experience of training sales force and laboratory technicians and arranging seminars/workshops for physicians and pathologists.
- Autonomously operated regular flow of monthly in-house news letter “Diagnostics Update”.

1994

**Asst. Professor, Department of Physiology
Hamdard College of Medicine, Hamdard University, Pakistan**

- Contributed to the development and accreditation of new subjects and courses.
- Contributed to teaching/assessment and the development of the department in matters regarding equipment, laboratory and library requirements
- Participated in student counseling and consultation activities

1991 – 1994

**Tutor/Demonstrator
Department of Biochemistry, University of HongKong**

- Involved in year 1 medical student tutorials and practicals

1991 – 1994

**Research Fellow
Department of Biochemistry, University of HongKong**

- Thesis: “Platelet activity and arachidonic acid metabolism: Modulation by factors in plasma and cerebrospinal fluid and by diet”.

Project involved animal models and CSF/blood sampling. Research work presented in conferences and published.

1990 – 1991

Instructor of Physiology

School of Nursing, the Aga Khan University, Pakistan

- Taught Anatomy and Physiology to year 1 students
- Organized Haematology practicals as part of curriculum

1988 – 1991

Research Fellow

Department of Pharmacology, HEJ Chemistry Research Institute, University of Karachi and Faculty of Medicine, The Aga Khan University, Pakistan

- Thesis: “Search for the new inhibitors of human platelet aggregation and arachidonic acid metabolism in medicinal plants”
- Research work and additional responsibilities involved, toxicity, anti-inflammatory, anti-thrombotic, anti-aggregating and arachidonic acid metabolic test using animal models and human platelets.
- Experience gained in Bioassay directed isolation of compounds from crude extracts by chromatography techniques, in-vivo and in-vitro screening of compounds and drugs.
- Co-supervised graduate students in their projects.
- Research work presented in conferences and published.

1988

Trainee Research Fellow

Nuclear Institute of Agriculture and Biology (NIAB), Faisalabad, Pakistan

- Worked on projects that involved blood sampling, processing and RIA of hormones, to study the effect of high salinity grass on fertility of goats. Experience also gained in cell culture and electrophoresis techniques. Assisted in RIA of Fertility Hormones

1986 – 1987

Research Student

Endocrinology Lab., Department of Physiology, University of Karachi, Pakistan

- Thesis: “ Serum cholesterol, albumin and electrophoretically separated protein fractions in tropical diabetes mellitus”
These investigations covered extensive experimentation employing human blood from volunteers and diabetic patients. Various diabetic centers cooperated and participated in these studies

- Additional responsibilities involved small animal (rodents and reptiles) surgery, tissue processing for reproductive and histological studies, cell culture and electrophoresis.

PROFESSIONAL UPGRADING

- 1997 – 1999
Attended following workshops at Victoria University, Australia

Induction of new staff
Creating and publishing your own web page
Using Power point: on-screen presentations
Making the Hard Decision: who passes and who fails?
Supplemental Instruction Leaders Training
Recombinant DNA Technology (2 weeks)
- 1990
Attended a workshop on Educational Planning and Evaluation. Certificate awarded by National Teacher Training Center. Department of Medical Education, College of Physicians and Surgeons, Pakistan
- 1990
Attended two weeks Workshop on Protein Structure and Function. Certificate awarded by HEJ Chemistry Research Institute, Pakistan

COMPUTER SKILLS

- MS windows, MS Word, Word perfect, Excel, Prism, Sigma Plot, Kaleida Graph and StatView

PROFESSIONAL MEMBERSHIP

1997 - 2000 Australian Physiological and Pharmacological Society

1992 - 1994 British Biochemical Society

1989 – 1991 Pakistan Physiological Society

REFERENCE: Available on request

PAPERS AND SHORT COMMUNICATIONS

1. Aslam R, Segel GB, Burack R, Spence SA, Speck ER, Guo L, Semple JW. Splenic lymphocyte subtypes in immune thrombocytopenia: Increased presence of a subtype of B-regulatory cells. *Br J Haematol* (2015) in press
2. Guo L, Yang L, Speck ER, **Aslam R**, Kim M, McKenzie CG, Lazarus AH, Ni H, Hou M, Freedman J, Semple JW. Allogeneic platelet transfusions prevent murine T-cell-mediated immune thrombocytopenia. *Blood* 123 (3): 422-7, 2014
3. **Aslam R**, Hu Y, Gebremeskel S, Segel GB, Speck ER, Guo Li, Kim M, Ni H, Freedman J, Semple JW. Thymic retention of CD4+CD25+FoxP3+ T regulatory cells is associated with their peripheral deficiency and thrombocytopenia in a murine model of immune thrombocytopenia. *Blood* 120 (10): 2127-2132, 2012
4. Thon JN, Peters CG, Machlus KR, **Aslam R**, Rowley J, Macleod H, Devine MT, Fuchs TA, Weyrich AS, Semple JW, Flaumenhaft R, Italiano JE. T-granules Function as a mediator of Innate Immunity in Platelets. *Journal of Cell Biology* 198:561-574, 2012
5. Fung YL, Kim M, Tabuchi A, **Aslam R**, Speck ER, Chow L, Kuebler WM, Freedman J, Semple JW. Recipient T lymphocytes modulate the severity of antibody-mediated transfusion-related acute lung injury (TRALI). *Blood* 116 (16):3073-3079, 2010
6. Chow L, **Aslam R**, Speck ER, Kim M, Cridland N, Webster ML, Pingguo Chen, Sahib K, Ni H, Lazarus AH, Garvey MB, Freedman J, Semple JW. A murine model of severe immune thrombocytopenia is induced by antibody-and CD8+ T cell-mediated responses that are differentially sensitive to therapy. *Blood*, 115 (6):1247-1253, 2010
7. **Aslam R**, Speck ER , Kim M, Freedman J, Semple JW. Transfusion-related immunomodulation by platelets is dependent on their expression of MHC class I molecules and is independent of white cells. *Transfusion*, 48(9):1778-1786, 2008 ([Featured in an editorial](#))
8. Semple JW, Speck ER, Antonio Fabron Jr, **Aslam R**, Kim M, Freedman J. A novel immunosuppressive pathway involving peroxynitrate-mediated nitration of platelet antigens within antigen-presenting cells. *Transfusion*, 48(9):1917-1924, 2008
9. Semple E, Speck ER, **Aslam R**, Kim M, Kumar V, Semple JW. Evaluation of platelet gel characteristics using thrombin produced by the thrombin processing device: A comparative study. *J Oral Maxillofac Surg*, 66: 632-638, 2008
10. **Aslam R**, Saeed SA, Sagheer A, Connor JD. Lipoproteins inhibits platelet aggregation and arachidonic acid in experimental hypercholesterolaemia. *Clin Exp Pharmacol & Physiol*, 35(5-6): 656-662, 2008
11. **Aslam R**, Kim M, Speck ER, Contram Seetanah A, Molinski S, Freedman J, Semple JW. Platelet and erythrocyte phagocytosis kinetics are differentially controlled by phosphatase activity within mononuclear cells. *Transfusion*, 47(11):2161-2168, 2007.
12. Kjaersgaard M, **Aslam R**, Kim M, Speck ER, Freedman J, Stewart DIH, Wiersma EJ, Semple JW. Epitope specificity and isotype of monoclonal anti-D antibodies dictate their ability to inhibit phagocytosis of opsonized platelets. *Blood*, 110(4):1359-1361, 2007.
13. Semple JW, **Aslam R**, Kim M, Speck ER, Freedman J. Platelet-bound lipopolysaccharide enhances Fc receptor-mediated phagocytosis of IgG opsonized platelets. *Blood*, 109(11):4803-4805, 2007

14. **Aslam R**, Speck ER, Kim M, Crow AR, Bang KWA, Nestel FP, Ni H, Lazarus AH, Freedman J, Semple JW. Platelet Toll-like receptor expression modulates lipopolysaccharide-induced thrombocytopenia and tumor necrosis factor- α production in vivo. *Blood* 107(2):637-641, 2006
15. Sayeh E, **Aslam R**, Speck ER, Le-Tien H, Lazarus AH, Freedman J, Semple JW. Immune responsiveness against allogenic platelet transfusions is determined by the recipient's major histocompatibility complex II phenotype. *Transfusion* 44 (11):1572-1578, 2004
16. Pace-Asciak CR, Reynaud D, Demin P, **Aslam R**, Sun A. A new family of thromboxane receptor antagonists with secondary thromboxane synthase inhibition. *J Pharmacol Exp Ther.* 301(2): 618-624,2002
17. Jankov RP, Luo X, Demin P, **Aslam R**, Hannam V, Tanswell AK, Pace-Asciak CR. Hepoxilin analogs inhibit bleomycin-induced pulmonary fibrosis in the mouse. *J Pharmacol Exp Ther.* 301(2):435-40, 2002
18. Saeed SA, Farnaz S, **Simjee RU**, Gilani AH, Malik A. Activity directed isolation of anti-platelet compounds from Piper beetle roots. Proceedings of 7th International Symposium on Natural Product Chemistry, HEJ Research Institute of Chemistry, University of Karachi, Karachi, Pakistan January, 1998
19. Saeed SA, **Simjee RU**, Shamim G, Gilani AH. Eugenol: a dual inhibitor of platelet-activating factor and arachidonic acid metabolism. *Phytomedicine* 2: 23-28, 1995
20. Saeed SA, **Simjee RU**, Mahmood F, Atta-ur-Rahman. Rhazimine from *Rhazya stricta*: A dual inhibitor of arachidonic acid metabolism and platelet activating factor-induced platelet aggregation. *Planta Medica* 59: 566-568, 1993
21. Saeed SA, **Simjee RU**, Mahmood F, Rahman NN. Dual inhibition of platelet activating factor and arachidonic acid metabolism by ajmaline and effect on carrageenan induced rat paw edema. *J Pharm Pharmacol* 45: 715-719, 1993
22. Saeed SA, **Simjee RU**, Mahmood F, Boyde TRC. Differential effects of human lipoproteins on prostaglandin biosynthesis. *Indian J Physiol Allied Sci* 47: 26-31, 1993
23. Saeed SA, Mahmood F, **Simjee RU**, Boyde TRC. Inhibition of arachidonic acid metabolism by human cerebrospinal fluid. *Med Sci Res* 21: 301-303, 1993
24. Saeed SA, **Simjee RU**, Farnaz S, Gilani AH, Siddiqui S, Siddiqui BS, Begum S, Faizi S, Zia A. Inhibition of platelet aggregation and arachidonic acid metabolism by β -carboline alkaloids. *Biochem Soc Trans* 21: 426, 1993
25. Saeed SA, Farnaz S, **Simjee RU**, Malik A. Triterpenes and β -sitosterol from Piper beetle: Isolation, anti-platelet and anti-inflammatory effects. *Biochem Soc Trans* 21: 461, 1993
26. Saeed SA, Mahmood F, **Simjee RU**, Boyde TRC. A new function of human haptoglobin: Inhibition of prostanoid biosynthesis and its relation to hemoglobin binding. In: Proceedings of 3rd International Symposium on Protein Structure Function Relationship (Zaidi ZH, Smith DL, Abbasi A, Ed) p 249-263, 1993
27. Saeed SA, **Simjee RU**, Gilani AH, Siddiqui S, Saleem R, Faizi S, Siddiqui B, Farnaz S. 8-hydroxyquinoline and its derivatives: potential inhibitors of platelet aggregation. *Biochem Soc Trans* 20: 357S, 1992

28. Saeed SA, **Simjee RU**, Mahmood F. Anti-inflammatory and anti-thrombotic activity of protopine. *JAPS* 2 (1-2): 1-6, 1992
29. Rehman NN, **Simjee RU**, Faizi S, Atta-ur-Rahman, Ali SS, Mahmood F, Saeed SA. Inhibition of platelet activating factor by ajmaline in platelets: In vitro and in vivo studies. *Pak J Pharmaceutical Sci* 4 (1): 35-42, 1991
30. Saeed SA, **Simjee RU**, Bhatti MK, Atta-ur-Rahman. Alkaloidal constituents of *Fumaria indica*: Isolation of protopine and its effects on human platelet aggregation and arachidonic acid metabolism. In: *Frontiers in Natural Products Chemistry*. (Atta-ur-Rahman, Ed.) Elsevier/Shamim Publishers, Amsterdam and Karachi pp 755- 761, 1990
31. **Simjee RU**, Saeed SA, Janus ED, Boyde TRC. Influence of lipoproteins isolated from hypercholesterolemic rabbits on platelet aggregation and arachidonic acid metabolism. In: *Recent Trends In Biochemical Research in Pakistan* (Qasim, Hasnain, Ishaq & Azhar, Ed) p361-367, 1990

ABSTRACTS

1. Guo L, Speck ER, Aslam R, Kapur R, Ni H, Semple JW. Suppression of cell-mediated immune thrombocytopenia (ITP) by B cell depletion therapy in a murine model. *International Society on Thrombosis and Haemostasis* 13 (Suppl. 2) (2015) OR139, p146
2. Guo L, Aslam R, Zhao Yanjing, Speck ER, Ni H, Semple JW. CD20 B Cell Depleting Therapy Is Associated with up-Regulation of CD8+CD25highFoxp3+ T Regulatory Cells in a Murine Model of Immune Thrombocytopenia (ITP).). 56th annual meeting of American Society of Hematology (ASH), San Francisco, 9-11 December. *Blood*, vol 124(21):2785, 2014
3. Semple JW, Hunt K, Hou Y, Aslam R, Speck ER, Ni H, Lazarus H. .Megakaryocyte Abnormalities Occur in the Absence of Cell-Mediated Immunity in a Murine Model of Passive Immune Thrombocytopenia (ITP). 55th annual meeting of American Society of Hematology (ASH), San Francisco, 6-9 December. *Blood*, vol 122 (20):3537, 2013
4. Semple JW, Daoxin Ma, Aslam R, Ho M, Ni H, Yu Hu. Human and Murine Immune Thrombocytopenia (ITP) is associated with a peripheral deficiency of CD4-T regulatory cells (Tc-regs). *Blood*, vol 108 (11): 54th annual meeting of American Society of Hematology (ASH), Atlanta, GA, 8 – 11 December, p a, A221-1, 2012
5. Semple JW, Xu Zhang, Yu Hu, Guo Li, Speck ER, Ni H, Aslam R. Thrombopoietin can induce tolerogenic responses via the modulation of thymic and splenic T Lymphocyte populations in a murine model of immune thrombocytopenia (ITP). *Blood*, vol 108 (11): 54th annual meeting of American Society of Hematology (ASH), Atlanta, GA, 8 – 11 December, p a, A221-1, 2012
6. Guo Li, **Aslam R**, Speck ER, Ni H ,Ho M, Freedman J, Semple JW. Allogeneic Platelet MHC Class I Antigens Prevent CD61 Specific Cytotoxic T Cell(CTL)-Mediated Immune Thrombocytopenia (ITP). *Blood*, vol 108 (11): 52nd annual meeting of American Society of Hematology (ASH), Orlando, Florida, 4 – 7 December, p a, A221-1, 2010
7. Chan Y, Kim M, Tabuchi A, Kuebler WA, **Aslam R**, Freedman J, Semple JW. The role of recipient platelets in the prevention of antibody-mediated transfusion related acute lung injury (TRALI). *Blood*, vol 108 (11): 52nd annual meeting of American Society of Hematology (ASH), Orlando, Florida, 4 – 7 December, pa, A221-1, 2010

8. Chow L, Ni H , Kim M, Speck ER, Speck ER, **Aslam R**, Pingguo Chen, Freedman J, Semple JW. A new murine model of immune thrombocytopenia: Evidence of both antibody and CD8⁺ T cell-mediated platelet destruction. *Blood*, vol (): 49th annual meeting of American Society of Hematology (ASH), Georgia, Atlanta, 9 – 12 December, p326a, O99, 2007 and also presented at The University Division of Hematology Annual Research Day , Feb 28th, 2008
9. Semple JW, **Aslam R**, Speck ER, Freedman J. Lipopolysaccharide binds platelet Toll-like receptor 4 and mediates the activation of phagocytes in the reticuloendothelial system: a novel mechanism of host immunity. *Blood*, vol 108 (11): 48th annual meeting of American Society of Hematology (ASH), Orlando, Florida, 9 – 12 December, p326a, A221-1, 2006
10. Semple JW, **Aslam R**, Kim M, Speck ER, Stewart DIH, Weirisma E, Freedman J, Kjaersgaard M. The specificity and isotype of monoclonal anti-D antibodies dictates their ability to inhibit opsonized platelet phagocytosis. *Blood*, vol 108 (11): 48th annual meeting of American Society of Hematology (ASH), Orlando, Florida, 9 – 12 December, p11a, A21, 2006
11. Semple JW, **Aslam R**, Speck ER, Freedman J. Platelet Toll like receptor 4 functions to present lipopolysaccharide to leukocytes of the RES. 9th European Symposium on Platelet and Granulocyte immunobiology, Tromsøe , Norway, June, A1, 2006
12. Semple JW, **Aslam R**, Freedman J. Murine platelets express Toll like receptor 2: A potential regulator of innate and adaptive immunity. 9th European Symposium on Platelet and Granulocyte immunobiology, Rust, Austria, 13-16 May, COM28, 2004
13. **Aslam R**, Freedman J, Semple JW. Recipient Immunomodulation induced by stored leukoreduced platelet transfusions is related to the amount of platelet associated MHC class I molecules. *Blood* , vol 102(11): 45th annual meeting of American Society of Hematology (ASH), San Diego, California, 6 – 9 December, p58a , A193, 2003
14. Sayeh E, **Aslam R**, Freedman J, Semple JW. Strain-associated differences in the ability of inbred recipient mice to produce IgG anti-donor antibodies against leukoreduced platelet transfusions. *Blood* , vol 102(11): 45th annual meeting of American Society of Hematology (ASH), San Diego, California, 6 – 9 December, p58a , A2050, 2003
15. **Aslam R**, Freedman J, Semple JW. Allogenic platelet transfusions increase allogenic skin graft survival. *Blood* 102: 58a , 2003
16. **R. Aslam**, Freedman J, Semple JW. Storage and activation of leukoreduced platelets significantly affect recipient immunomodulation in an opposing manner. *Vox Sanguinis*, 27th Congress of the International Society of Blood Transfusion, Vancouver, BC, 24 - 29 August P. 254 : p84, 2002
17. Saeed SA, **Simjee RU**, Shah BH. Function and pharmacological regulation of cyclooxygenase. 6th International Symposium on Protein Structure and Function Relationship, HEJ Research Institute of Chemistry, University of Karachi, Karachi, Pakistan 5 – 7 February , 1999
18. **Simjee RU**, Saeed SA. Selective antagonism of PAF and inhibition of archidonic acid metabolism in human platelets by ajmaline, a potent anti-arrhythmic agent. *Cardiovascular Function in Health and Disease*, University of Sydney, Sydney, Australia 25 - 26 June p15, 1998
19. **Simjee RU**, Janus ED, Boyde TRC, Saeed SA. Platelet hypersensitivity and formation of 12-hydroxy-eicosatetraenoic acid (12-HETE) as predominant eicosanoid in platelets from NZW cholesterol fed rabbits. Brisbane'98 FAOPS. FAONS. APPS. PSNZ, Queensland, Australia 27 - 1 October p182, 1998

20. **Simjee RU**, Saeed SA. Combining selective antagonism of PAF with inhibition of arachidonic acid metabolism in human platelets by rhazimine. Brisbane'98 FAOPS. FAONS. APPS. PSNZ, Queensland, Australia 27 - 1 October p184, 1998
21. **Simjee RU**, Janus ED, Boyde TRC, Saeed SA. Effect of cholesterol rich diet on platelet reactivity, arachidonic acid metabolism and lipoprotein activity in relation to atherosclerosis. 2nd National Symposium, Basic and Applied Research in Health Care and Social Development, The Aga Khan University, Karachi 23-24 September p11, 1995
22. Saeed SA, **Simjee RU**, Gilani AH. Combined inhibitory effects of protopine against PAF and thromboxane-A₂ synthesis. 2nd National Symposium, Basic and Applied Research in Health Care and Social Development, The Aga Khan University, Karachi 23-24 September p203, 1995
23. **Simjee RU**, Saeed SA. Platelet reactivity, arachidonic acid metabolites and lipoprotein levels in experimental atherosclerosis. 1st National Symposium, Health Care and Scientific Development, The Aga Khan University, Karachi 14-15 September p13, 1994
24. Saeed SA, **Simjee RU**, Boyde TRC. Lipoproteins from normolipidemic subjects modifies the platelet arachidonic acid metabolism. Asian Conference on Clinical Pharmacology and therapeutics, Indonesia 31st October - 4th November P90, 1993
25. Saeed SA, **Simjee RU**, Farnaz S, Gilani A, Siddiqui S, Siddiqui B, Begum S, Faizi S, Zia A. Inhibition of platelet aggregation and arachidonic acid metabolism by β -carboline alkaloids. The Biochemical Society Meeting No 647, University of Sheffield 20-23 July p151, 1993
26. Saeed SA, Farnaz S, **Simjee RU**, Malik A. Triterpenes and β -sitosterol from Piper betle: Isolation, anti-platelet and anti-inflammatory effects. The Biochemical Society Meeting No 647, University of Sheffield 20-23 July p152, 1993
27. Saeed SA, Mahmood F, **Simjee RU**, Boyde TRC. A new function of human haptoglobin: Inhibition of prostanoid biosynthesis and its relation to hemoglobin binding. 3rd International Symposium on Protein Structure and Function Relationship, HEJ Chemistry Research Institute, Karachi 8-12 January p49, 1993
28. Saeed SA, Farnaz S, **Simjee RU**, Malik A, Akhtar N. Isolation of triterpenes and β -sitosterol from Piper betle. Fourth National Chemistry Conference, Bahawalpur, Pakistan 21-24 December p70, 1992
29. Saeed SA, Mahmood F, **Simjee RU**, Boyde TRC. Modulation of arachidonic acid metabolism by lipoproteins: A possible role in human fertility. Symposium on Epididymis and Male Fertility, HongKong 6-7 November P3-4, 1992
30. **Simjee RU**, Saeed SA. Evidence for existence of endogenous inhibitors of arachidonic acid and PAF in rabbit testis and epididymis. Symposium on Epididymis and Male Fertility, HongKong 6-7 November P1-9, 1992
31. Saeed SA, **Simjee RU**, Gilani AH, Siddiqui S, Saleem R, Faizi S, Siddiqui B, Begum S. 8-hydroxyquinoline and its derivatives: Potential inhibitors of platelet aggregation. The Biochemical Society Meeting No 643, University of Warwick. 21-24 July p31, 1992
32. Saeed SA, **Simjee RU**, Boyde TRC. Distribution of endogenous inhibitors of arachidonic acid metabolism and platelet aggregation in mammalian plasma or serum. Proceedings of 1st Pharmaceutical Symposium, Faculty of Pharmacy, Karachi 18-21 January p11-12, 1992
33. Saeed SA, **Simjee RU**, Gilani AH. Inhibition of PAF-induced platelet responses by eugenol. Ann Scientific Meeting, Faculty of Dentistry, HongKong 9th December p44, 1991

34. Saeed SA, **Simjee RU**, Saeed SO. Disparate effect of fluoride on platelet aggregation and lipid peroxidation. Ann Scientific Meeting, Faculty of Dentistry, HongKong 9th December p43, 1991
35. Saeed SA, **Simjee RU**, Boyde TRC. Comparative effects of human lipoproteins on the biosynthesis of various prostaglandins. 9th FOAB Symposium, HongKong. 15-18 December A18, 1991
36. **Simjee RU**, Saeed SA, Boyde TRC. Tissue-specific regulation of platelet aggregation: Inhibition by rabbit brain tissue cytosol. 9th FOAB Symposium, HongKong 15-18 December A7, 1991
37. Saeed SA, **Simjee RU**, Gilani AH, Siddiqui S, Siddiqui BS, Begum S, Faizi S. Inhibition of Platelet activating factor by alkaloids of Rauwolfia serpentina. 9th FOAB Symposium, HongKong 15-18 December E9, 1991
38. Saeed SA, Rahman NN, Mahmood F, **Simjee RU**, Atta-ur-Rahman. New aspects of pharmacology of ajmaline: Inhibition of arachidonic acid metabolism. 8th FOAB Symposium, Dhaka 11-13 June D14, 1991
39. Saeed SA, **Simjee RU**, Mahmood F, Sultana N, Atta-ur-Rahman. Biochemical studies of Rhazimine effects on platelet aggregation and arachidonic acid metabolism. 1st National Biochemistry Symposium, Department of Biochemistry, University of Karachi 6-7 March, 1991
40. **Simjee RU**, Amin Q, Qureishi MA. Electrophoretically separated plasma protein fractions in diabetic patients of both sexes. 1st National Biochemistry Symposium, Department of Biochemistry, University of Karachi 6-7 March, 1991
41. Saeed SA, **Simjee RU**, Gilani AH. Platelet activating factor antagonistic properties of Eugenol. Fundamental and Clinical Pharmacology Meeting, France 25-27 April p457, 1991
42. Saeed SA, **Simjee RU**, Mahmood F, Sultana N, Atta-ur-Rahman. Dual action of Rhazimine inhibition of arachidonic acid metabolism and platelet aggregation induced by PAF. 5th Annual Symposium, Abbasi Shaheed Hospital, Karachi 1-3 January, 1991
43. **Simjee RU**, Saeed SA. Protopine: A selective inhibitor of platelet activating factor in human platelets. 8th Annual Symposium, Civil Hospital, Karachi 20-22 March, 1990
44. **Simjee RU**, Bhatti MK, Atta-ur-Rahman, Saeed SA. Protopine: A potential inhibitor of human blood platelet thromboxane and HETE formation. 4th Annual Symposium, Abbasi Shaheed Hospital, Karachi 10-13 October, 1990
45. Saeed SA, **Simjee RU**. Protopine: Combining selective antagonism of PAF with inhibition of arachidonic acid metabolism in human platelets. New drugs for asthma. Davos, Switzerland 10-11 July p74, 1990
46. Qureishi MA, **Simjee RU**, Amin Q, Qureishi N. Certain biochemical parameters in male subjects having Diabetes Mellitus II. 8th Pakistan Conference Zoology, Peshawar 14-16 November p 86, 1988