

Issue 1 • January to December 2023

Haematology News

The official Newsletter of Haematology, UCT



Welcome to the biannual newsletter for Haematology at the University of Cape Town.

This newsletter seeks to share the latest on local haematology-related news, activities, and achievements.

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A Message from A/Professor Jessica Opie



“Let your *greatness* blossom”
– Nelson Mandela

We are highly fortunate to work in the fascinating field of Haematology, to collaborate so well together, and to contribute on a daily basis to improved health care in our beautiful country.

I am honoured to lead our highly competent and diligent team and commend the creation of this inaugural Haematology newsletter which I am sure you will enjoy!

Highlights of 2023 include the growth of our NHLS pathologist team, and the ongoing strength and success of our academic teaching and research programs.

A special big congratulations to those who have passed their examinations and graduated in the past year, as well as to those who have published articles and presented at congresses.

On the UCT research laboratory side, we are grateful to have completed the major phases of renovations to our laboratories and offices, resulting in an improved workspace. Despite the disruption, our research laboratory has flourished, and well done to students and scientists who have been awarded awards, grants and prizes.

Our NHLS laboratory and management team leadership are highly commended for their ongoing provision of a high-quality diagnostic service in a challenging financial climate.

I am inspired and proud to lead this remarkable team of registrars, pathologists, scientists, students and technologists and look forward to a fruitful and successful 2024.



A Message from Professor Vernon Louw

As I reflect on the progress within our units, I am filled with immense gratitude. It is truly remarkable to witness the progress made, both on the clinical side and haematopathology.

At the outset, I want to extend our collective, heartfelt thanks to Dr. Cecile du Toit. Her dedication over nearly three decades has profoundly shaped the landscape of Clinical Haematology at Groote Schuur Hospital (GSH). Dr. du Toit's influence extends far beyond our hospital walls. Through her extensive work in training countless Internal Medicine professionals, Clinical Haematologists, and Haematopathologists, she has indirectly touched the lives of patients locally and everywhere these colleagues find themselves. As Dr. du Toit embarks on this new chapter in her life, we hope it brings a satisfactory balance between her passions – the wonders of nature, and, during the days of the week that she will be with us, her love for patient care and education.

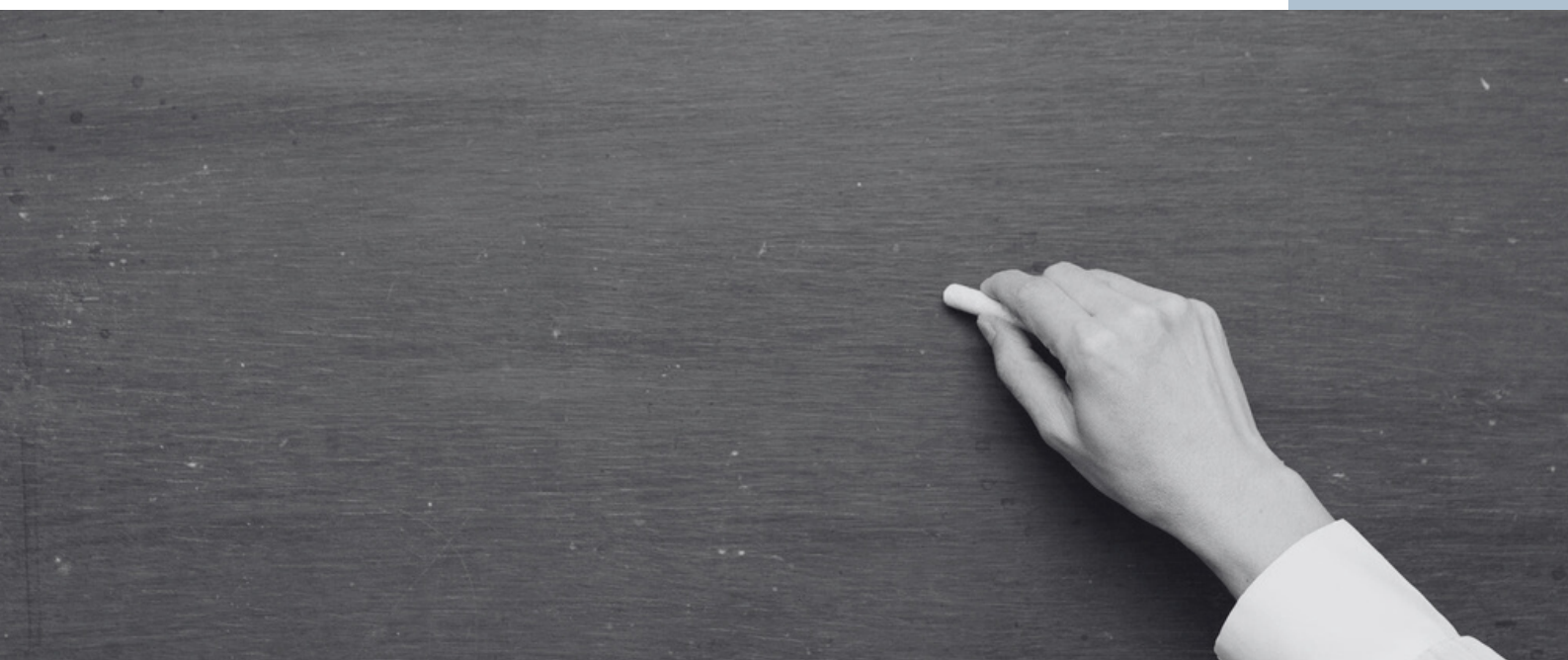


"One of the greatest titles we
can have is 'Teacher'. It is a
title that can change lives."
– Unknown

The team's achievements are evident in the impressive array of conference presentations and publications – a testament to the collective drive and expertise. I am especially gratified to see an expansion in joint projects between the lab and clinical teams. Equally invigorating is the influx of new talents who have recently joined our ranks, infusing fresh perspectives, and energy into our team. We are also very proud of everyone who has passed their exams and is now moving on to the next exciting season of their careers.

We are also witnessing an exciting phase of infrastructural development. The renovations underway in the Chris Barnard Building and E5 are just the beginning. We remain optimistic about garnering support for further enhancements in the coming year.

Haematology, as we all know, thrives on teamwork. The stories and updates shared in this newsletter underscore this beautifully. I extend my deepest gratitude to each one of you for your unwavering dedication and collaborative spirit. It is both an honour and a delight to be part of such an extraordinary team.



Retirement News

Although not a farewell just yet, we had the absolute pleasure of attending Dr. Cecile du Toit's Valedictory lecture on the 23rd of November 2023. She is semi-retiring at the end of November and gave us a little glimpse into her formative years as a newly trained medical doctor, reflecting on the trajectory of her journey to a Clinical Haematologist and transplant specialist at GSH.



Skiping ahead through an outstanding and occasionally humorous presentation detailing her path to discovering Haematology, Dr. du Toit emphasized her experience in Haematology at the esteemed Hammersmith Hospital in London in 1993. Here, she gleaned insights from some of the most distinguished figures in stem cell transplantation. Subsequently, Dr du Toit joined GSH in 1996, where she has since distinguished herself as a Consultant in Medicine/Clinical Haematology. Her notable contributions in this role, particularly in the specialised domains of stem cell transplantation, myeloma, and acute leukaemia, have left a lasting impact. Dr. du Toit's career, characterised by unwavering dedication and a commitment to excellence, has significantly influenced the field of Clinical Haematology in South Africa, particularly within her areas of specialisation.

We are fortunate to have Dr. du Toit join us for sessional work in 2024, which serves as a testament to her steadfast dedication to advancing medical knowledge and enhancing patient care.

Farewells

We would like to bid farewell to the following members of our team and extend our heartfelt appreciation for the fantastic work they have done in Haematology at UCT:

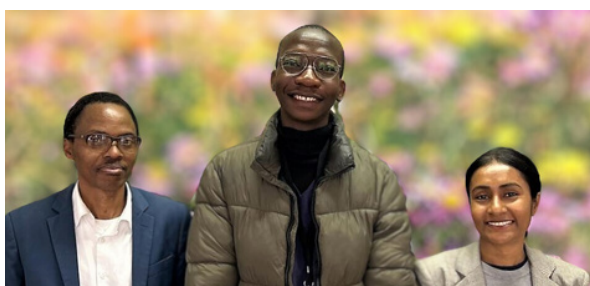
- Dr. Simon Brett, Clinical Haematology Fellow who has taken a position as Clinical Haematologist at Haemalife, Netcare Kuils River Hospital.
- Dr. Elzanne Jansen van Rensburg, Clinical Haematology Research Medical Officer who is planning to gain clinical experience abroad, in Ireland.



Recent events

Haematology would like to welcome to the team:

- Haematopathologists, Dr. Lauren Lemkus and Dr. Kingsley Lohlun.
- Haematopathology supernumerary registrar, Dr. Stephen Njolomole (photo below, on the left).
- Clinical Haematology fellows, Dr. Mahlatse Mankgele and Dr. Zeena Fuad (photo below, in the middle and on the right, respectively).



- Dr. Brigid McMillan in the role of National Co-ordinator, Division of Clinical Haematology.

Through the Fogarty International HIV training grant, and in collaboration with UCSF, we hosted two courses: (1) a Designing Clinical Research course and (2) a Manuscript Writing course. These courses enabled students to complete their research protocols and write up their manuscripts with guidance from haematology and public health experts.

The Division of Haematology, through an initiative of its Transformation and Equity committee, held a blanket drive for the SAREPTA, AGS Old Age Home in Kuilsriver. Clothes and blankets were donated (photograph right). Our heartfelt gratitude to those who donated.

Welcome



World Cancer Day 2023

The photographs were taken by our research teams in awareness of World Cancer Day 2023 with the aim of spreading awareness and educating people about cancer prevention, detection, and treatment.

Featured in the photographs are some of the researchers from our Haematology Research Laboratory and Clinical Haematology Research Unit at UCT.



Conference presentations

1. Epigenomic analysis of HIV-associated B-cell lymphoma: An investigation of the impact of Activation Induced Cytidine Deaminase (AICDA/AID) overexpression. L. Rios, G. Godsmark, S. Mowla. Poster presentation. 14th International Congress of Human Genetics.

2. The prevalence of MYD88L265P and CD79BY196 activating mutations in a South African ABC-DLBCL cohort. B. Ramorola, K. Antel, D. Chetty, S. Mowla. Poster presentation. 14th International Congress of Human Genetics.

3. Fluorescence in situ hybridization findings in multiple myeloma samples referred to the National Health Laboratory Service cytogenetics laboratory, Cape Town. R. Jacobs, C. Du Toit, M. Kriel, J. Opie. Poster presentation. 14th International Congress of Human Genetics.

4. Hodgkin lymphoma: The role of EBV plasma viral load testing in an HIV endemic setting. J. Opie, E. Verburch, J. Bailey, Z. Mohamed, D. Chetty, D. Hardie. Poster presentation, British Society of Haematology (BSH) Annual Scientific Meeting.

5. Hodgkin Lymphoma: Circulating Natural Killer Cell Subsets in an HIV Endemic Setting. J. Opie, E. Verburch, J. Bailey, Z. Mohamed, D. Chetty, G. Davison. Poster presentation, BSH Annual Scientific Meeting.



The photograph above was taken at the 14th International Congress of Human Genetics, held in Cape Town on 22 – 26 Feb 2023. From left to right, Drs. Beatrice Ramorola and Leonardo Alves de Souza Rios.

6. Plasmablastic lymphoma with predominant anaplastic morphology complicated by haemophagocytic lymphohistiocytosis: A case report. J. Bailly, J. Opie, K. De John, Z. Mohamed, D. Chetty. Pathology Research and Development Congress (PathReD) 2023.

7. A Rare Case of Acute Megakaryoblastic Leukaemia with Constitutional Ring Chromosome 21. K. De John, H. De Quintal, M. Mathibe, N. Albertus, J. Opie. Poster presentation, PathReD 2023.

8. Effects of sample handling on the detection of key molecular markers in myeloid neoplasms. V. Parker, K. Shires, D. Kriel, M. Stone. Oral presentation, PathReD 2023.

9. A Rare Case of a Transitional Pre-B Acute Lymphoblastic Leukaemia. R. Lohlun, A. Kema, S. Brett. Poster presentation, PathReD 2023.

10. Is morphology still relevant? L. Lemkus. Invited speaker. PathReD 2023.

11. Defining the functional role of MAGE-C1 in multiple myeloma. M. Stone, K. Shires. Poster presentation, PathReD 2023. (Prize for best poster, Haematology)

12. Fluorescence in situ hybridization findings in multiple myeloma samples referred to the National Health Laboratory Service cytogenetics laboratory, Cape Town. R. Jacobs, C. Du Toit, M. Kriel, J. Opie. Oral presentation. PathReD 2023. (Prize for best oral presentation, Human Genetics)



The photograph on the right was taken at PathReD 2023. From left to right: Dr. Victoria Parker (registrar), Ms. Marion Stone (M.Sc. candidate), Dr. Kingsley Lohlun (pathologist), and Dr. Kathleen De John (registrar).

13. Response and remission after first line corticosteroid therapy in immune thrombocytopenia: A retrospective study at a tertiary hospital in Cape Town, South Africa. D. Mapimhidze, J. Bailly, J. Bailey, K. Brown, E. Verburgh. Poster presentation, 15th Annual Haem Onc Symposium 2023.
14. Trends in Clinical Presentation & Treatment Outcomes in a South African TTP Cohort. N. Vundla, J. Bailly, J. Bailey, K. Brown, E. Verburgh. Oral presentation, 15th Annual Haem Onc Symposium 2023.
15. Aqueous extracts of *Dodonaea viscosa* induced potent and elective cytotoxicity in diffuse large B-cell lymphoma. B. Yekelo and S. Mowla. Oral presentation, 15th Annual Haem Onc Symposium 2023. (Prize for best oral presentation).
16. Cooperation of Epstein Barr Virus and HIV in the pathogenesis of HIV-associated Burkitt lymphoma. L. Mapekula, D. Chetty, S. Mowla. Poster presentation, 15th Annual Haem Onc Symposium 2023.
17. Association between miRNA-181b and AICDA in HIV-associated aggressive B-cell Lymphomas. T. Kubheka, L. Alves de Souza Rios, S. Mowla. Poster presentation, 15th Annual Haem Onc Symposium 2023.
18. The diagnostic outcomes of a surgical lymph node excision biopsy service in an HIV and TB endemic region. C. Potelwa, S. Gray, F. Malherbe, J. Bailey, K. Brown, E. Verburgh. Oral presentation, 15th Annual Haem Onc Symposium 2023.
19. Post-transplant lymphoproliferative disorders: a retrospective analysis of a single renal transplant centre. O. Mawire, Z. Barday, K. Brown, J. Bailey, L. Andera, B. Davidson, K. Simba, E. Verburgh. Oral presentation, 15th Annual Haem Onc Symposium 2023.
20. The diagnostic delay and demographics of the HHT population attending a tertiary hospital in Cape Town. J. Barnard, G. Kritzing, J. Bailey, K. Brown, E. Jansen van Rensburg, D. Lubbe, M. Seftel, V. Louw, E. Verburgh. Poster presentation, Haem Onc Symposium 2023.
21. The impact of a potent lupus anticoagulant on coagulation tests: A case report and literature review. M. Kriel, K. Webb, H. de Quintal, J. Opie. Oral presentation. MASAC 2023.
22. Challenges in the diagnosis of type 1 VWD. M. Kriel. Invited speaker. MASAC 2023.



23. HIV infection and non-Hodgkin lymphomas: Incidence, trends and biological insights. A/Prof. S. Mowla. Invited speaker. 14th AORTIC International Conference on Cancer in Africa.

24. The status of regulatory B cells and Programmed Death-Ligand 1 in HIV-positive and HIV-negative newly diagnosed DLBCL patients at a South African healthcare facility. Z. Latib, E. Verburgh, D. Chetty, S. Mowla. Poster presentation. 14th AORTIC International Conference on Cancer in Africa.

25. Cooperation of Epstein-Barr virus and HIV in the pathogenesis of HIV-associated Burkitt lymphoma. L. Mapekula, D. Chetty, S. Mowla. Poster presentation. ESH 7th Translational Research Conference: Lymphoid Malignancies.

26. Status and regulation of the Suppressor of cytokine signalling 1 (SOCS1) gene in DLBCL. B. Ramorola, M. Sinkala, S. Mowla. Poster presentation. ESH 7th Translational Research Conference: Lymphoid Malignancies.

27. Pathobiology of HIV-associated lymphomas - Defining the role of HIV-1 Tat. L. Rios and S. Mowla. Oral and poster presentation. 14th AORTIC International Conference on Cancer in Africa.

28. Anti-cancer effects of *Dodonaea viscosa*, a herbal medicine used by traditional healers. A. Saferdien and S. Mowla. Poster presentation. 14th AORTIC International Conference on Cancer in Africa.

The above travels to the 14th Aortic International Conference and 7th Translational Research Conference were supported through conference Travel awards from the NIH-Fogarty Training programme, and from UCT.



The photograph above was taken at ESH 7th Translational Research Conference: Lymphoid Malignancies, which took place in Portugal in October 2023. From left to right: Dr. Beatrice Ramorola, A/Prof. Shaheen Mowla and Ph.D. candidate Lungile Mapekula.



The photograph above was taken at the 14th AORTIC International Conference on Cancer in Africa, which took place in Dakar from 2 to 6 November 2023. From left to right: Ph.D. candidate Aaliyah Saferdien, Ph.D. candidate Zahra Latib and Dr. Leonardo Alves de Souza Rios.



29. Evaluation of prognostic risk factors at diagnosis and treatment outcomes in adult patients with early-stage Hodgkin lymphoma in Cape Town. S. Dawood, Z. Mohamed, K. Brown, J. Bailey, K. Simba, L. Andera, J. Opie, K. Antel, E. Verburgh. Poster presentation. UCT 48th Annual Department of Medicine Research Symposium.

30. The diagnostic delay and demographics of the Hereditary Haemorrhagic Telangiectasia population attending a tertiary hospital in Cape Town. J. Barnard, G. Kritzing, J. Bailey, K. Brown, E. Jansen van Rensburg, D. Lubbe, M. Seftel, V. Louw, E. Verburgh. Poster presentation, the UCT 48th Annual Department of Medicine Research Symposium.

31. The Clinico-pathological Landscape of Lymphoma in a South African HIV Endemic Setting Categorised According to The 5th edition of the World Health Organisation of Haematolymphoid Tumours: Lymphoid Neoplasms. L. Andera, D. Chetty, Z. Mohamed, D. Oelofse, J. Bailey, K. Brown, G. Panchoo, K. Antel, K. Simba, G. Kritzing, S. Cassim, A. Ramburan, J. Opie, V. Louw, E. Verburgh. Oral presentation, the UCT 48th Annual Department of Medicine Symposium.

32. Aqueous extracts of *Dodonaea viscosa*, a traditional herbal medicine, exhibit cytotoxic activity against DLBCL cells. B. Yekelo and S. Mowla. Oral presentation. UCT HiP Research Day 2023. (Awarded second best oral presentation).

33. Regulation of the lymphomagenic factor AICDA by miRNA-181b in HIV-associated aggressive B-cell Lymphomas. T. Kubheka, L. Alves de Souza Rios, S. Mowla. Poster presentation. UCT HiP Research Day 2023. (Awarded second best poster presentation).



34. Identifying Donors with Low Iron – the Use of Ferritin and Other Tests. V. Louw. Oral presentation, International Society for Blood Transfusion (ISBT) 34th Regional Congress, Cape Town, South Africa.

35. The Clinical Burden of Iron Deficiency Affecting All of Us. V. Louw. Oral presentation, International Society for Blood Transfusion (ISBT) 34th Regional Congress, Cape Town, South Africa.

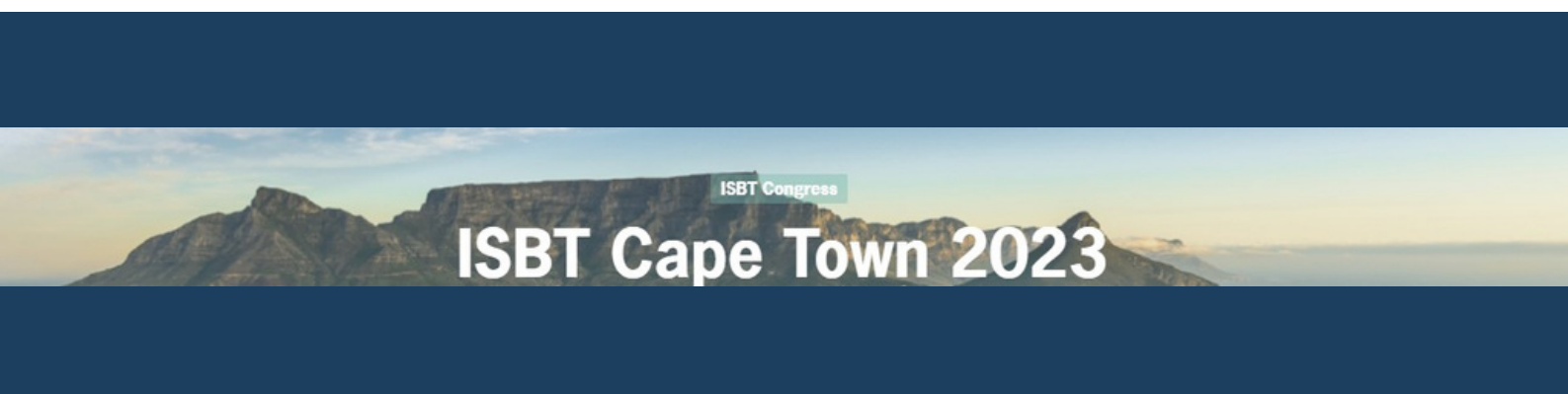
36. Patient Blood Management, Blood conservation, Optimal Blood Use ... Complimentary concepts and solutions for Blood establishments and Clinical services in South Africa and beyond. V. Rambiritch, E. Verburgh, V. Louw. Oral presentation, International Society for Blood Transfusion (ISBT) 34th Regional Congress, Cape Town, South Africa.

37. Non-Disclosure of ARV Therapy by Blood Donors – Implications for Blood Transfusion Services. K. Van den Berg, E. Murphy, S. Hughes, G. Maartens, V. Louw, E. Grebe for the NHLBI Recipient Epidemiology and Donor Evaluation Study-III (REDS-III). Oral presentation, International Society for Blood Transfusion (ISBT) 34th Regional Congress, Cape Town, South Africa.

38. Patient Blood Management in Sub-Saharan Africa. V. Louw. Oral presentation, Network for the advancement of Patient Blood Management, Haemostasis and Thrombosis (NATA) conference, Athens, Greece, [plenary session].

39. Awareness requires continuous Patient Blood Management education & training, but also (corporate) communication towards patients and the public. V. Louw. Oral presentation, Bootcamp for Accelerated Patient Blood Management Implementation in Latin America. Cartagena, Colombia.

40. The neurocognitive complication on the fetus of an iron deficient pregnant mother. V. Louw. Oral presentation, Society for the Advancement of Blood Management (SABM) Annual Congress, Nashville, Tennessee, [Invited plenary in the joint NATA/SABM session]



Grants, partnerships, awards/honours and promotions

A/Prof. Jessica Opie has been elected to the Board of the International Society of Laboratory Haematology (2023-2026).

Professor Vernon Louw has been elected to the Board of NATA, the Network for the Advancement of Patient Blood Management, Haemostasis and Thrombosis.

A/Prof. Estelle Verburgh's NIH-Fogarty D43 grant entitled 'Research training in HIV-related transfusion medicine and haematology in South Africa', has been renewed for another 5 years. This grant enables collaboration with Cape Peninsula University of Technology (CPUT) on lymphoma research and development of the next generation of lymphoma researchers.

Our Division was successful in its application to the FHS Equipment committee, through A/Prof. Shaheen Mowla, for funding to purchase a new orbital shaker for its research laboratory.

Dr. Beatrice Ramorola was the recipient of the UCT FHS Postdoctoral Fellowship.

Dr. Leonardo Alves de Souza Rios attended the American Association for Cancer Research (AACR) General meeting in Orlando Florida in April 2023 to accept his AACR BIG CAT Postdoctoral Fellowship Award. (Photograph on the right).

A/Prof. Shaheen Mowla was the recipient of a grant from the Poliomyelitis Research Foundation for the project entitled "The Multi-layered control of PD-L1 expression in immune evasion within an Epstein-Barr virus and HIV positive milieu".



Under the guidance of their brilliant laboratory managers, Mrs. Delmaine Rousseau and Mrs. Zulfa Abrahams, both the NHLS Haematology Laboratories at Groote Schuur Hospital and Red Cross Children's War Memorial Hospital maintained their South African National Accreditation System (SANAS) accreditation.

Marian Stone (M.Sc. candidate) won the “Best Poster Award” for the Haematology track at PathReD 2023. She presented her project entitled “Defining the functional role of MAGE-C1 in multiple myeloma”.

Babalwa Yekelo (M.Sc. candidate) won “Best Oral Presentation Prize” at 15th Annual Haem Onc Symposium 2023. She presented her thesis project entitled “Aqueous extracts of *Dodonaea viscosa* induced potent and elective cytotoxicity in diffuse large B-cell lymphoma”.

Mr. Alwyn Williamson was presented with the 35-year Long Service Award by the NHLS. Alwyn is a senior technologist based at the Haematology Laboratory at Groote Schuur Hospital and has a special interest in coagulation testing.

A/Prof. Estelle Verburgh (PI) together with A/Prof. Shaheen Mowla, A/Prof. Jessica Opie, A/Prof. Karen Shires, Dr. Katherine Antel, Prof. Glenda Davison (CPUT), and Dr. Claire Barrett (UFS), were awarded a Collaborative Biomedical Research, Administrative Supplement to their NIH Fogarty D43 Grant.

Thando Kubheka (M.Sc. candidate) was awarded a mini-research grant from the NIH Fogarty South Africa HIV Haematology and Transfusion Medicine Research Program as well as a CANSA Type B Research grant for her research entitled ‘MicroRNA-181b as a Biomarker of early detection and prognosis in HIV-associated aggressive B-cell Lymphomas’. Supervisor A/Prof. Shaheen Mowla and co-supervisor Dr. Leonardo Alves de Souza Rios.

Dylan Cheddie (M.Sc. candidate) was awarded a mini-research grant from the NIH Fogarty South Africa HIV Haematology and Transfusion Medicine Research Program, for his research entitled “cfDNA for the diagnosis of lymphoma”. Supervisor Dr. Katherine Antel.

Thando Kubheka (M.Sc. candidate) was awarded the second-best poster presentation at the UCT HiP Research Day. She presented her project entitled “Regulation of the lymphomagenic factor AICDA by miRNA-181b in HIV-associated aggressive B-cell Lymphomas”.

Yekelo Babalwa (M.Sc. candidate) was awarded the second-best oral presentation at the UCT HiP Research Day. She presented her project entitled “Aqueous extracts of *Dodonaea viscosa*, a traditional herbal medicine, exhibit cytotoxic activity against DLBCL cells”.

Jihaan Isaacs (M.Sc. candidate) was awarded an NIH Fogarty scholarship for her research entitled ‘The role of NK cells in the oncogenesis of HIV-related Hodgkin lymphoma’. Supervisors A/Prof. Jessica Opie and Prof. Glenda Davison (CPUT).

Nonhlanhla Mabuza (M.Sc. candidate) was awarded an NIH Fogarty scholarship for her research entitled ‘Application of a transcriptional diagnostic assay for the diagnosis of HIV lymphoma in a developing country.’ Supervisors A/Prof. Estelle Verburgh and Dr. Katherine Antel.

Maxine Van der Schyff (M.Sc. candidate) was awarded an NIH Fogarty scholarship for her research entitled ‘The establishment of a haematological biobank’. Supervisors A/Prof. Estelle Verburgh and Dr. Katherine Antel.

Professor Vernon Louw was elected as President of the South African Clinical Haematology Society (SACHAS) at the last Haem-Onc meeting.

Professor Vernon Louw was elected to lead the Global Transfusion Forum of the Association for the Advancement of Blood & Biotherapies (AABB).

Promotions

Senior Lecturer with UCT: Dr. Jenique Bailly



Graduation and exam news

The Haematology team would like to congratulate the following students who have passed their college exams with the CMSA or obtained a research degree at UCT:

FC Path (SA) Haem Part I:

Dr. Athenkosi Kema

Dr. Rory Shein

Dr. Kathleen De John

FC Path (SA) Haem Part II:

Dr. David Richardson

BSc Med Hons (UCT):

Thando Kubheka completed her Honours mini-project under the supervision of A/Prof. Shaheen Mowla and Dr. Leonardo Alves de Souza Rios, investigating the role of miRNA in lymphoma. (Photograph on the right).

Sub-speciality Certificate in Clinical Haematology:

Dr. Simon Brett

MMed Degrees:

Dr. Siphwe Baloyi obtained his MMed (Haem) degree at UCT, investigating the utility of GeneXpert MTB/RIF Ultra compared to TB culture on bone marrow aspirate samples in diagnosing disseminated tuberculosis under the supervision of Prof. Graeme Meintjies and Dr. Celeste Swart.

Dr. Danai Mapimhidze obtained her MMed (Med) degree at UCT for the study titled 'Response and remission after first-line corticosteroid therapy in primary ITP' under the supervision of A/Prof. Estelle Verburgh and Dr. Jenique Bailly.

Dr. Nokubonga Vundla obtained her MMed (Med) degree with distinction at UCT for the study titled 'Trends in clinical presentation and treatment outcomes in a South African TTP cohort' under the supervision of A/Prof. Estelle Verburgh and Dr. Jenique Bailly.





Publication list

1. Nell EM, Bailly J, Oelofse D, Linstrom M, Opie J, Chapanduka ZC, et al. Multicentre verification of haematology laboratory blood collection tubes during a global blood collection tube shortage. *Int J Lab Hematol*. 2023. <https://doi.org/10.1111/ijlh.14129>
2. De John KO, De Quintal H, Mathibe MD, Albertus N, Opie JJ. A rare case of acute megakaryoblastic leukaemia with constitutional ring chromosome 21. *Br J Haematol*. 2023 Jun 6. <https://doi.org/10.1111/bjh.18892>
3. Mandal S, Smith DL, Peter PJ, Louw VJ, Sil S, Ibrahim IN, Maji M, Nath S. Perioperative Anemia Management. *Annals of Blood*. Published online: 26 June 2023. doi: 10.21037/aob-22-42. <https://dx.doi.org/10.21037/aob-22-42>
4. Jagga WM, Biccard B, Bailly J, Esmail A, Antel K, Opie J. Point of care ultrasound findings in critically ill SARS-COV2 patients in an HIV endemic, resourced constrained setting. *Heliyon*, Volume 9, Issue 6, June 2023. <https://doi.org/10.1016/j.heliyon.2023.e16519>
5. Van Staden Q, Bailly J, Louw VJ. T-Cell Large Granular Lymphocytic Leukaemia in a South African Patient Living with HIV. *IJCMCR*. 2023 May 2; 26(1):1-4. <https://ijclinmedcasereports.com/pdf/IJCMCR-CR-00629.pdf>
5. Van Staden Q, Bailly J, Louw VJ. T-Cell Large Granular Lymphocytic Leukaemia in a South African Patient Living with HIV. *IJCMCR*. 2023 May 2; 26(1):1-4. <https://ijclinmedcasereports.com/pdf/IJCMCR-CR-00629.pdf>
6. Shires K, Rust A, Harryparsad R, Coburn J, Gopie, R. JAK2/STAT5 Pathway Mutation Frequencies in South African BCR/ABL Negative MPN Patients. *Hematol Oncol Stem Cell Ther*. 2023 Apr 4. <https://doi.org/10.56875/2589-0646.1064>
7. Jacobson BF, Schapkaitz E, Takalani A, Rowji PF, Louw V, Opie J, Bekker LG et al. Vascular thrombosis after single dose Ad26.COV2.S vaccine in healthcare workers in South Africa: open label, single arm, phase 3B study (Sisonke study). *BMJ Med*. 2023 Mar 23. <http://dx.doi.org/10.1136/bmjmed-2022-000302>
8. Antel K, Oosthuizen J, Brown K, Malherbe F, Loebenberg P, Seaton C, Baloyi S, Simba K, Chetty D, Louw VJ, Maartens G, Verburgh ER. Focused investigations to expedite cancer diagnosis among patients with lymphadenopathy in a tuberculosis and HIV-endemic region. *AIDS*. 2023 Mar 15;37(4):587-594. <https://pubmed.ncbi.nlm.nih.gov/36472201/>
9. Simba K, Mohamed Z, Opie JJ, Andera LF, Brown K, Oosthuizen J, Antel K, Dawood T, Van der Vyfer L, Du Toit C, Louw VJ, Verburgh E. The International Prognostic Score and HIV status predict red cell concentrate transfusion needs in Hodgkin lymphoma. *Leuk Lymphoma*. 2023 Mar;64(3):613-620. <http://dx.doi.org/10.1080/10428194.2022.2157214>
10. van den Berg K, Murphy EL, Louw VJ, Maartens G, Hughes SD. Motivations for blood donation by HIV-positive individuals on antiretrovirals in South Africa: A qualitative study. *Transfus Med*. 2023 Feb 17. <https://doi.org/10.1111/tme.12957>

11. Arora S, Goel R, Al-Riyami AZ, Al-Rawas AH, Al Hosni S, Montanari M et al. [Louw V 38th author]. International Forum on Small-Volume Transfusions in Neonates and Paediatric Patients: Summary. Vox Sang. 2023 Mar;118(3):223-229.

<https://doi.org/10.1111/vox.13399>

12. Arora S, Goel R, Al-Riyami AZ, Al-Rawas AH, Al Hosni S, Montanari M et al. [Louw V 38th author]. International Forum on Small-Volume Transfusions in Neonates and Paediatric Patients: Responses. Vox Sang. 2023 Mar;118(3):230-251.

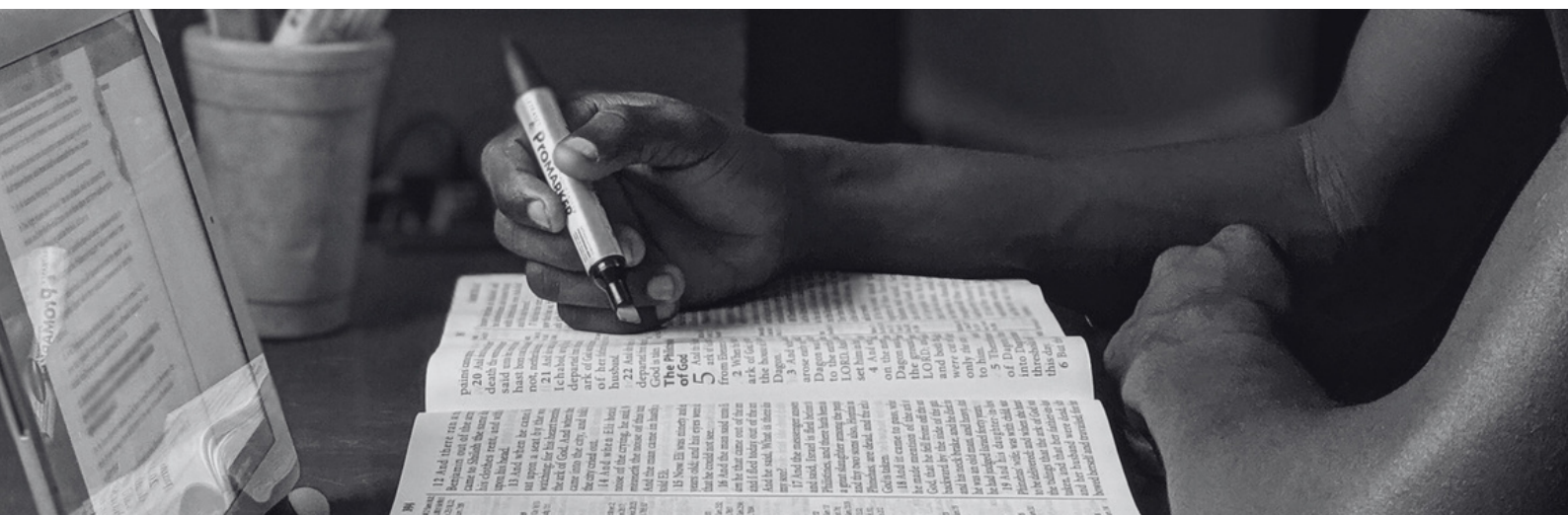
<https://doi.org/10.1111/vox.13398>

13. Louw VJ, Fraser I, Giraldo P. Management goals of type 1 Gaucher disease in South Africa: An expert Delphi consensus document on good clinical practice. PLoS One. 2023 Aug 22;18(8):e0290401.

<https://doi.org/10.1371/journal.pone.0290401>

14. Louw VJ, Al-Riyami AZ, Barrett CL, Johnson ST. Integrated Approach to Transfusion Education for Clinicians, Nurses, and Laboratory Professionals. In: Global Perspectives and Practices in Transfusion Medicine. 1st Edition. 2022 Editors: Eichbaum Q, Abdella Y, Amar S, Barnes L, Bloch E, Delaney M, Ipe T, Smit Sibinga CT, Zacharias PJK.

15. Sibinga CTS, Rambiritch V, Louw VJ. Transfusion Medicine Education: A Global Model Focused on Professionalism. In: Global Perspectives and Practices in Transfusion Medicine. 1st Edition. 2022 Editors: Eichbaum Q, Abdella Y, Amar S, Barnes L, Bloch E, Delaney M, Ipe T, Smit Sibinga CT, Zacharias PJK.



PLEASE SEND ANY HAEMATOLOGY RELATED NEWS, EVENTS, ACHIEVEMENTS, AND PUBLICATIONS FOR THE PERIOD JANUARY TO JUNE 2024 TO HAEMATOLOGY NEWS UCT AT haematologynews-group@uct.ac.za

FOR MORE INFORMATION ON HAEMATOLOGY AT UCT, PLEASE VISIT OUR WEBSITE AT <https://health.uct.ac.za/haematology>

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