



# CHRONICLE

ISSUE 03 • MAY 2022



## WELCOME!

WE'RE HAPPY TO SEE YOU!

Welcome to the newsletter for the Division of Anatomical Pathology at the University of Cape Town/National Health Laboratory Service.

This biannual publication seeks to share news from the Division and highlight the important work of Anatomical Pathology.

ANATOMICAL PATHOLOGY  
NEWSLETTER

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# WOMEN IN PATHOLOGY

The theme of International Women's Day 2022 was #BreaktheBias. It is a call to: *"imagine a gender equal world. A world free of bias, stereotypes and discrimination. A world that's diverse, equitable, and inclusive. A world where difference is valued and celebrated."*

Head of Division, Prof Pillay was featured as part of the Royal College of Pathologists #BreaktheBias initiative. We sat down with Prof Pillay, to ask her which women have inspired her in pathology, over the years.

## Prof Pillay:

"I have been fortunate to have strong women role-models growing up (mum, neighbours, teachers, aunts, cousins, friends, grandmothers, great-grandmothers). As medical students we were both in awe and terrified of the Head of Anatomical Pathology at University of Natal, Prof Kallichurum; so I was incredibly honoured to win the Inaugural Kallichurum award at our IAP conference in 2003.

As a young registrar, the registrars senior to me were so generous with their time and knowledge. I am so grateful for all that I have learnt from the pathologists that I checked with over the years (which included a good dose of non-academic conversation).



Prof Soromini Kallichurum:

<http://www.sahistory.org.za/people/soromini-kallichurum#sthash.vZdNb17J.dpuf>



The Royal College of Pathologists  
Pathology: the science behind the cure

“ I commit myself to lifelong learning and development for the benefit of our patients.

— Professor Komala Pillay  
Head of Division of  
Anatomical Pathology  
University of Cape Town,  
South Africa



International Women's Day

#IWD2022

#BreakTheBias



# "WOMEN IN PATHOLOGY" CONT.

I had the pleasure of working with many people in the lab including cleaners, laboratory assistants, technicians, technologists, registrars, academic and support staff and scientists and who taught me so much over the years about life and work. Colleagues on the clinical platform have also been incredibly inclusive and nurturing over the years especially when I found myself as the only paediatric histopathologist at Red Cross War Memorial Children's Hospital.

I would like to end by highlighting two ladies that come to mind as a source of inspiration:

When visiting Nigeria to teach a renal pathology course in 2015, there were problems with the technical aspects of processing tissue, and we identified an enthusiastic young technologist Ms Martha Akpanumoh to spend 3 months with us at the Red Cross War Memorial Children's Hospital. With this expertise she grew as a renal technologist and still contributes to this critical service in Port Harcourt, Nigeria by processing the renal biopsies and contributing to publications and presentations on kidney disease. She is currently completing her Msc degree.

Dr Balgis Khalil, a pathologist from Sudan, spent a short period with us in Cape Town in 2012 (before specialisation) and then returned in 2019 with her family as she prepared to write her Royal College of Pathologists exam in the UK which she passed.

I would encourage women to continue to consider pathology as an incredible field to join and contribute to."



Dr Balgis Khalil (right), with Dr Brendon Price (left)



Ms Martha Akpanumoh (middle), at a visit to Red Cross War Memorial Hospital, 2015.

Xolelwa Mbutho (left) and Prof Pillay (right)



## BRAG BOARD

We have had some incredible achievements in the Division of Anatomical Pathology.

Well done!

Period: November 2021 – April 2022.

**Part I CMSA exams:** Dr Solomon  
Dr Chimatira  
Dr Rocher

**MMed Anatomical Pathology with distinction:**  
Dr Norman Rikhotso

**MPhil (Health Professions Education) cum laude:**  
Dr Lynelle Govender

**International Society of Nephrology (ISN)  
Certificate in Nephropathology:** Dr Brendon Price

*Congrats!*



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### ACCOLADES AND AWARDS:

DR LYNELLE GOVENDER - ASSOCIATE FELLOWSHIP AMEE (INTERNATIONAL ASSOCIATION FOR MEDICAL EDUCATION)

MR RAYMOND KRIEL: EXCEEDS AWARD

# HOT OFF THE PRESS

**Research, and sharing work with the academic community through publication is an important part of scholarly work.**

**Congratulations to the staff who contributed to these academic publications (November 2021 - April 2022).**

Aldera AP, Govender D. Gene of the month: H3F3A and H3F3B. *Journal of clinical pathology*. 2022 Jan 1;75(1):1-4.

Aldera AP, Hes O. Eosinophilic Solid and Cystic Renal Cell Carcinoma With Melanin Pigment - Expanding the Morphological Spectrum. *Int J Surg Pathol*. 2021;

Aldera AP, Ramburan A, John J. TFE3-rearranged renal cell carcinoma with osseous metaplasia and indolent behaviour. *Urology Case Reports*. 2022 Feb 25:102041.

Caulley L, Eskander A, Yang W, Price B et al. Trends in Diagnosis of Noninvasive Follicular Thyroid Neoplasm With Papillary-like Nuclear Features and Total Thyroidectomies for Patients With Papillary Thyroid Neoplasms. *JAMA Otolaryngol Head Neck Surg*. Published online November 24, 2021. doi:10.1001/jamaoto.2021.3277

Dapaah G, Hille J, Faquin WC, Whittaker J, Dittrich CM, Ebrahim AK, Schneider JW, van Wyk AC, Opperman J, Merven M, Naidoo K. The Prevalence of Human Papillomavirus-Positive Oropharyngeal Squamous Cell Carcinoma at One of the Largest Tertiary Care Centers in Sub-Saharan Africa. *Archives of pathology & laboratory medicine*. 2021 Dec 6.

Du Toit, M., Chiswo, J., Wessels, S., Wu, H.T., Lazarus, J., Locketz, M.L. and Aldera, A.P., 2022. Eosinophilic solid and cystic renal cell carcinoma-an emerging renal tumour with a good prognosis. *African Urology*, 2(1).

Govender, L., Geitner, J., Tyam, N., Botha, F.C.J. and Yeats, J., 2021. Pathology Lexicon AZ: A multilingual glossary app. *African Journal of Health Professions Education*, 13(4), pp.212-213.

**READ  
ALL  
ABOUT IT**



# HOT OFF THE PRESS

**But wait, there's more!**

**Congratulations to the staff who contributed to these academic publications (November 2021 - April 2022).**

Ikumi NM, Matjila M, Gray CM, Anumba D, Pillay K. Placental pathology in women with HIV. *Placenta*. 2021 Nov;115:27-36. doi: 10.1016/j.placenta.2021.09.006. Epub 2021 Sep 11. PMID: 34537469.

Ikumi NM, Pillay K, Tilburgs T, Malaba TR, Dzanibe S, Enninga EA, Chakraborty R, Lamorde M, Myer L, Khoo S, Jaspan HB. T-Cell Homeostatic Imbalance in Placentas From Women With Human Immunodeficiency Virus in the Absence of Vertical Transmission. *The Journal of Infectious Diseases*. 2021 Dec 1;224(Supplement\_6):S670-82.

John J, Mngqi N, Aldera AP. Metastatic prostate carcinoma presenting as a gluteal soft tissue mass. *Ther Adv Urol* 2022, Vol. 14: 1-4 DOI: 10.1177/17562872221096384

John J, Aldera AP. Wilm's tumour with spinal cord involvement. *Urology Case Reports*. 2022 Apr 25:102095.

John J, Aldera AP, Louw D, Lazarus J, Kesner K. Pulmonary lymphangiomyomatosis with an associated giant renal angiomyolipoma. *Therapeutic Advances in Urology*. 2022 Jan;14:17562872211069700.

Omar, A., Lazarus, J., Jackson, C.N. and Roberts, R., 2022. An unusual presentation of metastatic prostatic adenocarcinoma: a case report. *African Urology*, 2(1).

Sayed S, Fan S, Moloo Z, Wasike R, Bird P, Saleh M, Shaikh AJ, Figueroa JD, Naidoo R, Makokha FW, Gardner K. Breast cancer risk factors in relation to molecular subtypes in breast cancer patients from Kenya. *Breast Cancer Research*. 2021 Dec;23(1):1-7.

**LEARN  
ALL  
ABOUT IT**



# UNDERGRADUATE EDUCATION: FNA WORKSHOP



UNIVERSITY OF CAPE TOWN

# SHAWCO

WITH SPECIAL THANKS TO  
DR JACKIE CHOKOE-MALULEKE

Fine-needle aspiration (FNA) is a simple procedure used by doctors at every level to diagnostically assess a palpable nodule. In the rural setting, FNA (which requires comparatively few resources) is a highly useful tool in the diagnostic process. Cytopathology performed on FNA specimens is influenced by the quality of specimens (and the completeness of laboratory request forms). As such, the Division of Anatomical Pathology (UCT/NHLS) sought to augment existing MBChB teaching with an elective FNA workshop. This workshop offered the dual benefit of exposing students to proper FNA technique, and the utility of Anatomical Pathology as a specialty discipline.

As a pilot, this FNA workshop was offered to three SHAWCO students based on previous successful initiatives introducing SHAWCO students to a practical skill. SHAWCO is a UCT student-run clinic initiative. As SHAWCO students are often positioned in rural communities, this pilot may prove directly beneficial to the communities that SHAWCO serves. Furthermore, as SHAWCO acts as a vehicle for near-peer mentoring and teaching, it is envisioned that FNA skills may filter onward to other students in the SHAWCO community of practice.

Students received a short presentation about FNA-theory from Dr Chokoe-Maluleke, followed by a practical workshop. During the practical workshop students observed, then practiced FNA on suitable teaching specimens. Thereafter, they stained the slides and viewed them under the microscope, to determine whether an adequate sample was obtained. We hope to extend this opportunity to others in future



Left to right: Dr Jackie Chokoe-Maluleke, Camryn Ferns, Ramses Peigou Wonkam, Keegan Mills

# CONFERENCE PRESENTATIONS

**Engaging with the academic community at conferences is an important part of scholarly work. We commend the staff who contributed to the following conferences:**

**International Academy of Pathology** session chair/moderator: Dr Jackie Chokoe-Maluleke

Dr Nelson da Costa: presented a germinoma case

Dr Raisa Wessels: presented an interesting ovarian tumor

**NIHR Global Health research group: Preterm birth prevention and management**

Dr Jackie Chokoe-Maluleke presented: Placental pathology in COVID-19

Dr Jackie Chokoe-Maluleke - Session chair: Pre-eclampsia and COVID-19

**NHLS ECHO Cytology:**

Dr Jackie Chokoe-Maluleke presented: The Bethesda System for reporting of Thyroid Cytopathology

**BushPath** - Dr Jarryd Lunn and Dr Ghaalied Fakier presented in the Registrar slide set

**14th Kenyan Association of Clinical Pathologists scientific conference**, October 2021

Prof Komala Pillay - Paediatric pulmonology

**International Society of Paediatric Oncology**, October 2021

Prof Komala Pillay - Expert panel for problem cases

**8th South African Immunology Society Virtual Conference**, August 2021

Tafadzwa Chimbetete, Choshi P., Pedretti S., Roberts R., Lehloenya R., Peter J. The immunological profile of the skin in DRESS and SJS/TEN reactions to first line tuberculosis drugs in HIV-infected patients.

**H.i.P Biennial Research Symposium**, December 2021 -

Oral presentation: Omotola Abdulmalik, Padmini Govender, Nomonde Mbatani, Hue-Tsi Wu, Richard Naidoo. PD-L1 protein expression profiling in a cohort of HIV positive and negative cervical cancer

**San Antonio Breast Cancer Symposium**, December 2021 -

Shahin Sayed , Xiaohong R Yang , Abubakar Mustapha , Hela Koka, Richard Naidoo, Dhiren Govender. Tumour Infiltrating Lymphocytes (TILs) and immune composition in breast cancer patients from Kenya: Spatial distributions and associations with risk factors and tumour characteristics.



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# RECENT EVENTS

## FAREWELL DR JANE YEATS

In October 2021 we said farewell to Dr Jane Yeats, who has started her retirement.

We are grateful to Jane, who has led the Pathology Learning Centre with careful and innovative curatorship.

We wish her well on the next phase of her journey. Lucky for us, Dr Yeats remains as an honorary senior lecturer in the Division of Anatomical Pathology.



## CONGRATULATIONS DR MARIETTE DU TOIT!

The registrars held a baby shower to celebrate Dr Mariette du Toit's upcoming arrival. Since then, we were delighted to congratulate Mariette and Derek du Toit and brother Josh on the arrival of baby Noah on the 17th of March 2022. We wish them all the best for the future ahead.



# RECENT EVENTS

## 2021 YEAR END EVENT

We couldn't quite believe it, but it was somehow time for another year end event.

2021 flew by, and we are grateful to have worked with a wonderful team at Anatomical Pathology.

Looking forward to more wonderful things ahead!



Above: Dr Shivani Singh (left) and Dr Ayanda Mfokazi (right). We recently said farewell to Dr Mfokazi as she starts an exciting new adventure; and thank her for her incredible contribution during her time here at UCT/Groote Schuur Hospital.

Below (left to right): Prof Komala Pillay, Dr Alessandro Aldera, Dr Riyaadh Roberts & Dr Dharshnee Chetty





We hope you've enjoyed this glimpse into the work of Anatomical Pathology, and the people who make it possible. Keen to learn more? Here's where you can find us:

**University of Cape Town**

Division of Anatomical Pathology  
Falmouth Building  
Faculty of Health Sciences  
Anzio Road  
Observatory  
Cape Town

**National Health Laboratory Service**

Groote Schuur Hospital  
Observatory, Cape Town

Red Cross War Memorial Children's Hospital  
Mowbray, Cape Town

## CONTACT US

We welcome comments, feedback and submissions.  
Please send all correspondence to the editor.

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