



## INTERNATIONAL ACADEMY OF PATHOLOGY (WEST AFRICAN DIVISION)

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Our Ref: 017/20

The Secretary

International Academy of Pathology

Dear Sir,

Please find attached the West Africa Division of International Academy of Pathology on its educational activities for the year 2020 for presentation and discussion at the Executive Committee meeting of IAP 2020.

The division made tremendous stride in its academic and educational activities in the year under review.

Sincerely,

Dr Garba Dahiru Waziri

Secretary

West Africa Division

International Academy of Pathology

Date: 29<sup>th</sup> November, 2020

**THE WEST AFRICA DIVISION  
OF  
THE INTERNATIONAL ACADEMY OF PATHOLOGY 2020 REPORT OF ACTIVITIES**

**INTRODUCTION:-**

The year has been quite eventful with the scourge of COVID-19, economic recession but still we have had quite some good academic year. We started the year with our biannual TSL/WADIAP regional workshop involving about 6 centres in Nigeria and One (1) in Ghana. The 17<sup>th</sup> in the TSL/WADIAP EQA series held in the September 2020. The topics covered were in dermatopathology. The Resource person was Dr. Uche Igbokwe a Consultant histopathologist, Queen's Hospital Romford, England. UK and the link for the slides is:-

[https://www.virtualpathology.leeds.ac.uk/nigeria/slide\\_seminar.php?seminar=1&year=2020](https://www.virtualpathology.leeds.ac.uk/nigeria/slide_seminar.php?seminar=1&year=2020)

We then had our 13<sup>th</sup> West African Division of International Academy of Pathology (WADIAP) And 6<sup>th</sup> USCAP-WADIAP School of Pathology Conference, term DABO 2020 on 17<sup>th</sup>-20<sup>th</sup> November 2020. The topics discussed were: -

- Musings of A Surgical Pathologist and The Challenges of Modern Diagnostic Techniques. ---Prof M.O.A Samaila
- Demystifying the Difficulty in The Diagnosis Of Soft Tissue Tumours: An Overview. --- Prof V. J. Ekanem.
- Approach to workup of (problematic) soft tissue neoplasms: A Practical Guide – Dr. Jason Hornick
- Interesting Soft Tissue Lesions: Case Presentations – Dr. Paari Murugan
- Updates and New Entities in Soft Tissue Pathology – Dr. Jason Hornick
- Role of Cytogenetics in Soft Tissue and Other Solid Tumors – Dr. Michelle Dolan
- Autopsy of Highly Hazardous Infectious Diseases: Protocol and Safety Concerns —Prof John Oladapo Obafunwa
- Molecular Techniques And Bioinformatics In Applied Sciences-- Prof Haruna Nggada
- Best Orthopaedic pathology practices with Dr Hans Iwenofu and Dr Tom Scharschmidt
- Bone tumors, interesting case series - Dr. Kum Cooper
- Role of the anatomic pathology in infectious disease: applications of special & immunohistochemical stains and microbiology correlations - Dr. Laurel Glaser
- The role of molecular testing in infectious disease pathology - Dr. Bobbi S. Pritt
- Anatomic pathology and pandemics, with a focus on COVID-19 - Dr. Sherif Zaki
- The Impact of Covid-19 On the Practice of Pathology---Prof Barnabas Mandong Mafala

- Autopsy Pathology of SARSCOV19 Infection: The Ghana Experience--- Prof Edwin Kwame Wiredu
- Essentials of Immunohistochemistry I: Preanalytical and Analytical Considerations in Attaining and Maintaining Quality Assurance - Dr. Andrew Bellizzi
- Essentials of Immunohistochemistry II: Immunohistochemistry Workup of Malignancies of Unknown Primary - Dr. Andrew Bellizzi
- Applications of Next-Generation Sequencing in Solid Tumor Diagnosis and Management - Dr. Angshumoy Roy

## LIST OF SPEAKERS

1. Prof. Jason Hornick: Soft tissue pathologist, Brigham & Women's Hospital/Harvard Medical School
2. Associate Prof. Paari Murugan, Soft Tissue pathologist, University of Minnesota
3. Associate Prof. Michelle Dolan, Cytogeneticist, University of Minnesota
4. Prof. Kum Cooper, Surgical pathologist, University of Pennsylvania
5. Professor Bobbi S. Pritt, MD, MSc, DTM&H, Medical Director, Clinical Parasitology & Co-Director, Vector-borne Disease Testing, Mayo Clinic
6. Assistant professor Laurel J. Glaser, MD, PhD, Director, Clinical Microbiology Laboratory, University of Pennsylvania Perelman School of Medicine
7. Associate Prof. Andrew Bellizzi, Expert Immunohistochemistry an current chair of the CAP IHC Committee, University of Iowa
8. Adesina (Molecular pathology) Professor of Pathology & Immunology and Pediatrics – Hematology/Oncology. Baylor College of Medicine/Texas Childrens' Hospital
9. Dr. Sherif Zaki, Chief of Infectious Disease Pathology Branch at the Centers for Disease Control and Prevention, Atlanta, USA
10. Dr. Angshumoy Roy, MD, PhD, Director of Cancer Genomics, Texas Children's Hospital, Associate Professor of Pathology & Immunology and Pediatrics, Texas Children's Hospital and Baylor College of Medicine, Houston, Texas 77030
11. Dr M.O.A. Samaila, Professor of Dermatopathology, Breast and Gynecological pathology, Ahmadu Bello University Teaching Hospital, Department of Pathology Shika-Zaria
12. Dr John Oladapo Obafunwa, Professor of Forensic Pathology, Department of Pathology and Forensic Medicine, Lagos State University Teaching Hospital Lagos, Nigeria.
13. Dr Barnabas Mandong Mafala Professor of Urogenital pathology, Department of Pathology University of Jos/ JUTH

14. Dr V. J. Ekanem Professor of University of Benin and University of Benin Teaching Hospital, Department of Pathology Benin City
15. Dr Haruna Nggada Professor of University of Maiduguri Teaching Hospital Department of Pathology, Maiduguri, Borno State.
16. Dr Prof Edwin Kwame Wiredu Professor of Pathology, University of Ghana, Legon.
17. Dr Hans Iwenofu, MD Associate Professor in the Anatomic Pathology Branc and Faculty member of the Division of Bone and Soft Tissue. Ohio State University Wexner Medical Center, USA
18. Dr Oyedele A. Adeyi, M.D., FRCPC Professor of Pathology, Director of Surgical Pathology & GI/Liver Fellowship. University of Minnesota Medical School, Department of Laboratory Medicine and Pathology

We had 112 participants from Nigeria, 23 from Ghana and 75 participants internationally from USA, KSA, Ireland, JORDAN, South Africa, Rwanda, Kenya, Sudan, UK etc.

This year's conference was the best despite the fact that the division is financially constraint.

#### **REPORT ON WORKSHOP ON IMMUNOHISTOCHEMISTRY OF CHILDHOOD CANCER 17<sup>TH</sup> AND 18<sup>TH</sup> OF SEPTEMBER 2020 IN GHANA**

Since 2019, the Department of Pathology at the Korle Bu Teaching Hospital has enjoyed support from the World Child Cancer Foundation with the main aim to improve the diagnosis of childhood cancers in Ghana. To this end, the Department had several activities planned for this year. One of these was a workshop on the immunohistochemistry of childhood cancers to build the capacity of pathologists and biomedical scientists in the diagnosis of childhood cancers. The two (2) day workshop was organized under the educational umbrella of the West African Division of the International Academy of Pathology (Ghana subdivision) which is housed in the Department of Pathology. It took place in September 2020 and had participants from various centers offering pathology services across the country. Participants were very much impressed by the professional organization and the quality of the presentations, and expressed their gratitude for the opportunity to participate in the workshop.

The attendance was very encouraging. Sixty (60) participants were budgeted for and at the end of the two (2) days' workshop, Fifty (50) people participated.

#### **Number of Participants from various facilities**

|                                              |   |    |
|----------------------------------------------|---|----|
| 1. Korle-Bu Teaching Hospital (Accra)        | - | 36 |
| 2. World Child Cancer (Accra)                | - | 3  |
| 3. 37 Military Hospital (Accra)              | - | 3  |
| 4. Komfo Anokye Teaching Hospital (Kumasi)   | - | 4  |
| 5. Tamale Teaching Hospital (Tamale)         | - | 1  |
| 6. St Joseph's Hospital (Koforidua)          | - | 2  |
| 7. Cape Coast Teaching Hospital (Cape Coast) | - | 1  |

**Number of Facilitators:** Twelve (12)

**Venue of the workshop:** National Blood Service Conference Room, behind the Electricity Company of Ghana, Korle-Bu.

## **Day 1 (17<sup>th</sup> September 2020)**

### **Theme: Theoretical aspects of the Immunohistochemistry of Childhood Cancers**

The programme for day 1 started with registration of participants from 8:00am to 8:45am. The sessions started at 9:00a.m with an opening prayer followed by a welcoming address by the Head of Pathology Department, KBTH. There was a message from the World Child Cancer Regional Coordinator for Sub Saharan Africa.

#### **Facilitators and their topics**

1. Overview of Childhood Cancers in Ghana delivered by Professor Lorna Renner
2. Diagnostic Challenges of Childhood Cancers delivered by Dr. Solomon Quayson
3. Basic Principles of Immunohistochemistry delivered by Professor Edwin K. Wiredu
4. Immunohistochemistry of small round blue cell tumours delivered by Dr. Lawrence Edusei
5. Immunohistochemistry of Lymphoma delivered by Professor Richard K. Gyasi
6. Immunohistochemistry of Soft tissue tumours delivered by Professor Yao Tettey
7. Summary on the Immunohistochemistry of Childhood Cancers in Ghana by Dr. Afua O. Abrahams, the Head of Pathology Department, KBTH.

A group photograph of participants at the workshop was taken during the snack break in the morning. The programme for day 1 came to a close with a question and answer session coordinated by Dr. Akosua Boateng. The closing prayer was said at 3:30pm.

## **Day 2 (18<sup>th</sup> September 2020)**

### **Theme: Practical Session (Technical aspects and Interpretation of Childhood Cancers)**

The programme for day 2 also started with registration of participants between 8:00a.m to 8:45a.m. Evaluation forms were given to all participants and collected at the end of the day.

#### **Facilitators and their topics**

1. Presentation on Immunohistochemical Staining - Faults and Remedies, delivered by Ms. Bernice Mawuli
2. Case presentation 1 delivered by Dr. Akosua Boateng and discussion led by Dr. Lawrence Edusei
3. Case presentation 2 delivered by Dr. Isaac Erskine and discussion led by Dr. Lawrence Edusei
4. Case presentation 3 delivered by Dr. Bernard Petershie and discussion led by Dr. Lawrence Edusei
5. Demonstration of Staining with the automatic Immunohistochemical (IHC) stainer delivered by Mr. Andrew Hooper

The programme for day 2 came to a close at the Department of Pathology with demonstration of staining with the automatic IHC stainer by Mr. Andrew Hooper at 3:00p.m.

Closing remarks were made by the Head of Department, and all participants were presented with certificates of participation.

The workshop was accredited by both the Allied Health Professions Council and the Medical and Dental Council, for continuous professional development.

## **HOUSEKEEPING**

A mid-morning snack and buffet lunch with drinks and water were served daily, provided by the Deans Guest House with financial support from World Child Cancer.

**COURSE EVALUATION:** This was done by administering an evaluation form and analyzing the responses.

### **SCORES OF THE EVALUATION FORM**

1 = poor, 2 = Satisfactory, 3 = Good, 4 = Very good and 5 = Excellent

### **ITEM DESCRIPTION**

#### **1. Organization and Logistics**

- a. **Timeliness of invitation:** Majority of participants scored 5 = Excellent
- b. **Venue:** Majority of participants scored 4 = Very good
- c. **Setup:** Majority of participants scored 4 = Very good
- d. **Responsiveness of support team:** Majority of participants scored 4 = Very good
- e. **Clarity of sound:** Majority of participants scored 3 = Good

#### **2. Content**

- a. **Adequacy of materials:** Majority of participants scored 5 = Excellent
- b. **Clarity of Presentation:** Majority of participants scored 4 = Very good
- c. **Usefulness of presentation:** Majority of participants scored 5 = Excellent
- d. **Choice of topics:** Majority of participants scored 5 = Excellent

#### **3. Management**

- a. **Time allotted for presentations was adequate:** Majority of participants scored 4 = Very good
- b. **Sessions were completed on time:** Majority of participants scored 3 = Good
- c. **Punctuality of facilitators:** Majority of participants scored 5 = Excellent

### **OTHER CONTENTS ON THE EVALUATION FORM**

1. **Have your expectations been met? Yes or No:** All participants responded yes.
2. **Recommendation (s) for improvement:** Various participants responded as follows:
  - a. Majority of participants recommend quarterly/annual workshops.
  - b. Invitations should be extended to Surgeons; Clinicians as Pathology works hand in hand with them and that it would help them in the management of their patients
  - c. Facilitators should keep to their time allocation.
  - d. Participants want programme posters displayed to reiterate the theme and importance of the workshop.
  - e. The participants want a seat with a desk to enable them write down notes

### **SUMMARY/CONCLUSION**

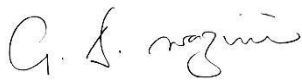
In all, participants think the workshop was very well organized, very useful and timely. It was worth the time spent with well assembled workshop materials by highly experienced Consultants and Technicians in the field of Pathology. The general sentiments were that the Workshop provided very good presentations, and was very educative and interactive. Participants requested for more of such workshops and conferences in the future, and commended World Child Cancer for this support.

The Department is grateful for this collaboration and support and looks forward to a closer working relationship with World Child Cancer.

We have also upgraded our website for better communication and information dissemination. The link is <https://wadiap.org/index.php>.

We will like to thank all the people that made this conference possible and also appreciate the Academic Committee for their assistance in holding this year's conference.

Thank you

A handwritten signature in black ink, appearing to read 'G. S. Dahiru'.

Waziri Garba Dahiru

Secretary

IAP West Africa