



XXXV IPPA Advanced Course in Paediatric Pathology

12th – 18th October, 2013

Jerusalem, Israel

Course Hotels: Prima Royale & Dan Panorama

Lecture Venue: Mishkenot Sha' ananim



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P R O G R A M M E

Local Organisers: ***Ayala Arad***
Ilana Ariel

Course Director: ***Elisabeth Bruder***

Technology Director: ***Roger Malcomson***

Slide Seminars: ***Michael Ashworth***

Tutors

Michael Ashworth

John Choi

Marta C. Cohen

Phil Cox

Ronald de Krijger

Brian Harding

Ron Jaffe

Yee Khong

Peter Nikkels

Poul Sorensen

Local Guest Tutors

Ilana Ariel

Marva Balouka

Debra Goldman Wohl

Debora Kidron

Zvi Leibovitz

Israel Shapiro

Resident Tutor

Luc L. Oigny

Saturday 12th October 2013



Registration and tea from 14.00 (Dan Panorama rooftop)

18.30 Dinner (Prima Royale)



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20.00-21.00 Introductory Lecture (Mishkenot Sha'ananim)

http://www.jerusalemfoundation.org/de/project_overview.aspx?TAB=0&MID=550&CID=565&PID=1341

**DISCOVERING JERUSALEM:
AN ATTEMPT TO UNDERSTAND THE ARCHAEOLOGY OF JERUSALEM**

M. BALOUKA

Sunday 13th October 2013

Chair: Yee Khong

08.15 OPENING

M. Ashworth & E. Bruder & R.D.G. Malcomson

08.30 LECTURE 1

FETAL AKINESIA – INVESTIGATION AND CAUSES

P. COX

9.25 LECTURE 2

MORPHOLOGY OF TERM PLACENTA IN ADVERSE PERINATAL OUTCOME

P. NIKKELS

10.20– 10.45 Coffee

10.45 LECTURE 3

ADVANCES IN THE PATHOGENESIS OF PREECLAMPSIA

D. GOLDMAN WOHL

11.40 LECTURE 4

SEQUENTIAL SEGMENTAL ANALYSIS OF THE HEART

M. ASHWORTH

12.35 LECTURE 5

MITOCHONDRIAL DISORDERS IN THE BRAIN

B. HARDING

13.30 Lunch (Mishkenot)

14.30 – 18.00 Afternoon -Tour & Course Photograph



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18.30 Dinner (Prima Royale)

Chair: Michael Ashworth & Roger Malcomson

20.00 LECTURE 6

NEURODEGENERATIVE DISEASE IN THE YOUNG - A PRACTICAL APPROACH

C. JANSEN

20.50-22.00 LECTURE 7

PARTICIPANTS' SLIDE SEMINAR

Monday 14th October 2013

Chair: Peter Nikkels

8.15 LECTURE 8

INTRODUCTION TO THE PAEDIATRIC LYMPH NODE

J. CHOI

9.10 LECTURE 9

PRE-ECLAMPSIA AND IUGR: PATHOLOGY AND MECHANISMS

Y. KHONG

10.00 LECTURE 10

INFECTIONS OF THE PLACENTA

I. ARIEL

10.50 – 11.25

Coffee

11.25 LECTURE 11

CURRENT STATUS AND DIFFICULT DIAGNOSIS IN HISTIOCYTIC DISORDERS

R. JAFFE

12.20 LECTURE 12

WHITE MATTER DEGENERATION

B. HARDING

13.00 LECTURE 13

CILIOPATHIES IN PAEDIATRIC PATHOLOGY

L. OLIGNY

13.45 Lunch (Mishkenot)

14.30-18.00

Afternoon – Tour



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18.30 Dinner (Prima Royale)

Chair: Michael Ashworth & Roger Malcomson

20.00-20.50 LECTURE 14

INTRODUCTION ON SKELETAL DYSPLASIAS I

P. NIKKELS

20.50-22.00 LECTURE 15

TUTORS' SLIDE SEMINAR

(part 1)

Tuesday, 15th October 2013

Chair: Poul Sorensen

8.15 LECTURE 16

AN APPROACH TO EXAMINATION OF THE FETAL BRAIN

P. COX

9.10 LECTURE 17

MACROPHAGE ACTIVATION SYNDROMES

R. JAFFE

10.00 LECTURE 18

MOLECULAR PULMONARY EMBRYOLOGY AND CARDIAC DEVELOPMENT

L. OLIGNY

10.50 – 11.25 Coffee

11.25 LECTURE 19

SPINAL MUSCULAR ATROPHY, MORE THAN THE MOTOR NEURON

B. HARDING

12.20 LECTURE 20

PLACENTA ACCRETA: PATHOLOGY

Y. KHONG

13.00 LECTURE 21

THE NORMAL AND PATHOLOGIC POSTERIOR FOSSA

Z. LEIBOVITZ

13.45 Lunch (Mishkenot)

Afternoon – free afternoon for private study



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18.30 Dinner (Prima Royale)

Chair: Michael Ashworth & Roger Malcomson

20.00-20.50 LECTURE 22

INTRODUCTION TO PAEDIATRIC CYTOPENIA

J. CHOI

20.50-22.00 LECTURE 23

TUTORS' SLIDE SEMINAR

(part 2)

Wednesday 16th October 2013

Chair: John Choi

8.15 LECTURE 24

THE UMBILICAL CORD – THE FETAL LIVE WIRE

P. NIKKELS

9.10 LECTURE 25

NEXT-GENERATION SEQUENCING AS TOOL IN PAEDIATRIC ONCOLOGY

P. SORENSEN

10.00 LECTURE 26

AGENESIS OF THE CORPUS CALLOSUM - AN AUTOPSY STUDY IN FETUSES

D. KIDRON

10.50 – 11.25 Coffee

11.25 LECTURE 27

TRANSIENT ABNORMAL MYELOPOIESIS AND MYELOID LEUKAEMIA

J. CHOI

12.20 LECTURE 28

MALFORMATIONS OF THE CEREBRAL CORTEX – AN UPDATE

B. HARDING

13.00 LECTURE 29

HYDROPS

L. OLIGNY

13.45 Lunch (Mishkenot)

14.30-18.00 Afternoon – Tour



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18.30 Dinner (Prima Royale)

Chair: Luc Oligny

20.00 LECTURE 30

PROBING THE BIOLOGY OF PAEDIATRIC SOLID TUMOURS: INSIGHTS FROM BASIC RESEARCH

P. SORENSEN

20.50 LECTURE 31

ALICE THROUGH THE APPENDIX – A QUIZ

R. JAFFE

21.30-22.00 LECTURE 32

THE QUIZ

L. OLIGNY

Thursday 17th October 2013

Chair: Brian Harding

8.15 LECTURE 33

FETAL AND NEONATAL HYPOXIC ISCHAEMIC BRAIN INJURY

P. COX

9.10 LECTURE 34

**INTRODUCTION ON SKELETAL DYSPLASIAS II
PRACTICAL CASE STUDIES**

P. NIKKELS

10.00 LECTURE 35

3-DIMENSIONAL ULTRASOUND: GIMMICK OR BREAKTHROUGH

I. SHAPIRO

10.50 – 11.25 Coffee

11.25 LECTURE 36

GENETICS AND FLOW OF ACUTE LYMPHOBLASTIC LEUKAEMIA

J. CHOI

12.20 LECTURE 37

MATERNAL DEATH AND THE LITERATURE

Y. KHONG

13.00 LECTURE 38

DISORDERS OF SEXUAL DEVELOPMENT: EMBRYOLOGY, RISK AND MARKERS

R. DE KRIJGER

13.45 Lunch (Mishkenot)

Afternoon- free for personal study



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19.30

Course Dinner

Friday 18th October 2013

Chair: Ayala Arad & Ilana Ariel

8.30 LECTURE 39

UPDATE IN GI BIOPSIES IN THE YOUNG

M.C. COHEN

9.15 LECTURE 40

DRIVERS OF METASTASIS IN HIGH-RISK CHILDHOOD SARCOMAS

P. SORENSEN

10.00-10.30

Coffee

10.30 LECTURE 41

AN APPROACH TO PERINATAL CYSTIC RENAL DISEASE

Y. KHONG

11.15 IPPA Course Business Meeting

INTRODUCTION TO IPPA 2014 BERLIN-POTSDAM, GERMANY

KATHRIN HAUPTMANN

COURSE HANDOVER

ROGER MALCOMSON & ELISABETH BRUDER

11.30

Lunch and Depart



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