



IARC SUMMER SCHOOL ON CANCER EPIDEMIOLOGY

International Agency for Research on Cancer
Lyon, France

15 June – 2 July 2009

P R O G R A M M E

***Cancer Registration
15 – 19 June 2009***

SECRETARIAT

Director, IARC Training Programme

Dr Paolo Boffetta

Director, IARC Summer School

Ms Mary Heanue

Scientific Co-Directors

Professor Tongzhang Zheng

Course Assistant

Mrs Sue Anthony

Course Secretary

Mrs Karima Abdedayem

With the support of the:

International Atomic Energy Agency (IAEA)

FACULTY

Dr Maria-Paula Curado

Head, Descriptive Epidemiology Production
Group
IARC
150, cours Albert Thomas
F-69372 Lyon Cedex 08
curadomp@iarc.fr

Mr John Daniel

Communications Group
IARC
150, cours Albert Thomas
F-69372 Lyon Cedex 08
danielj@iarc.fr

Mr Morten Ervik

Descriptive Epidemiology Production
Group
IARC
150, cours Albert Thomas
F-69372 Lyon Cedex 08
ervikm@iarc.fr

Ms April Fritz

(ex NCI/SEER Program)
A. Fritz and Associates, LLC
21361 Crestview Road
Reno, NV 89521
USA
april@afritz.org

Dr Mia Hashibe

Lifestyle and Cancer Group
IARC
150, cours Albert Thomas
F-69372 Lyon Cedex 08
boffetta@iarc.fr

Ms Mary Heanue

Descriptive Epidemiology Production
Group
IARC
150, cours Albert Thomas
F-69372 Lyon Cedex 08
heanuem@iarc.fr

Mrs Isabelle Savage

Descriptive Epidemiology Production
Group
IARC
150, cours Albert Thomas
F-69372 Lyon Cedex 08
savagei@iarc.fr

Dr Hai-Rim Shin

Head, Data Analysis and Interpretation
Group
IARC
150, cours Albert Thomas
F-69372 Lyon Cedex 08
shinhr@iarc.fr

IARC Teaching Assistants

Eric Masuyer

Alice Koechlin

CANCER REGISTRATION

15-19 June 2009

Monday 15 June 2009

08h30	Registration	
09h00	Official Opening	
	Introduction of teaching staff and participants	Mary Heanue
09h30	Cancer registration and its role in epidemiology	Mia Hashibe
10h00	Cancer registration: basic principles	Maria Paula Curado
11h00	COFFEE BREAK	
11h30	International Classification of Disease (ICD-O)	April Fritz
12h00	ICD-O coding exercise	April Fritz
13h00	LUNCH	
14h00	Introduction to cancer staging	April Fritz
15h15	TEA BREAK	
15h45	Staging exercise	April Fritz
17h00	Group work CI5 exercise	Mary Heanue
18h00	WELCOME RECEPTION	

Tuesday 16 June 2009

09h00	Abstracting, coding, staging, basis of diagnosis -1 Head and neck	April Fritz
11h00	COFFEE BREAK	
11h30	Abstracting, coding, staging, basis of diagnosis -2 Breast, Lung	April Fritz
13h00	LUNCH	
14h00	Abstracting, coding, staging, basis of diagnosis -3 Oesophagus, stomach, colon, rectum	April Fritz
15h15	TEA BREAK	
15h45	Abstracting, coding, staging, basis of diagnosis -4 Cervix, prostate and bladder	April Fritz
17h30	Group work	Mary Heanue

Wednesday 17 June 2009

09h00	CanReg4 - 1	Morten Ervik
11h00	COFFEE BREAK	
11h30	CanReg4 - 2	Morten Ervik
13h00	LUNCH	
14h00	CanReg4 - 3	Morten Ervik
15h15	TEA BREAK	
15h45	CanReg4 - 4	Morten Ervik
17h15	Group work and CanReg exercises	Mary Heanue/ Morten Ervik

Thursday 18 June 2009

09h00	Basic information required and variable definitions	Hai Rim Shin
10h00	Case finding and notification form	Maria-Paula Curado
11h00	COFFEE	
11h30	Data quality and completeness	Maria-Paula Curado
13h00	LUNCH	
14h00	Cancer control and national cancer registration	Hai Rim Shin
15h15	TEA BREAK	
15h45	Measurement of disease occurrence, data presentation	Mia Hashibe
16h45	Epi exercise	Mary Heanue
17h15	Group work and CanReg exercises	Mary Heanue/ Morten Ervik

Friday 19 June 2009

09h00	Writing an annual report, press statement, poster	John Daniel
11h00	COFFEE BREAK	
11h30	Multiple primaries Follow up and survival Confidentiality, ethical and legal issues	April Fritz Mary Heanue Mary Heanue
13h00	LUNCH	
14h00	Presentation of group work	Mary Heanue
15h30	TEA BREAK	
16h00	International Association of Cancer Registries (IACR)	Isabelle Savage
16h15	Course evaluation and conclusion	Mary Heanue
16h45	Closure	Chris Wild



IARC SUMMER SCHOOL ON CANCER EPIDEMIOLOGY

International Agency for Research on Cancer
Lyon, France

15 June – 3 July 2009

P R O G R A M M E

Introduction to Cancer Epidemiology

22 June to 3 July 2009

SECRETARIAT

Director, IARC Training Programme

Dr Paolo Boffetta

Director, IARC Summer School

Ms Mary Heanue

Scientific Co-Directors

Professor Tongzhang Zheng

Course Assistant

Mrs Sue Anthony

Course Secretary

Mrs Karima Abdedayem

With the support of the:

International Atomic Energy Agency (IAEA)

FACULTY

Dr Philippe Autier

Head, Prevention Group
IARC
150, cours Albert Thomas
F-69372 Lyon Cedex 08
autierp@iarc.fr

Dr Paolo Boffetta

Head, Environment Section
IARC
150, cours Albert Thomas
F-69372 Lyon Cedex 08
boffetta@iarc.fr

Dr Mathieu Boniol

Prevention Group
IARC
150, cours Albert Thomas
F-69372 Lyon Cedex 08
boniol@iarc.fr

Dr Graham Byrnes

Head, Biostatistics Group
IARC
150, cours Albert Thomas
F-69372 Lyon Cedex 08
byrnesg@iarc.fr

Dr Gary Clifford

Infections and Cancer Epidemiology Group
IARC
150, cours Albert Thomas
F-69372 Lyon Cedex 08
clifford@iarc.fr

Mr John Daniel

Communications Group
IARC
150, cours Albert Thomas
F-69372 Lyon Cedex 08
danielj@iarc.fr

Ms Sharon Grant

Communications Group
IARC
150, cours Albert Thomas
F-69372 Lyon Cedex 08
grant@iarc.fr

Dr Mia Hashibe

Lifestyle and Cancer Group
IARC
150, cours Albert Thomas
F-69372 Lyon Cedex 08
hashibe@iarc.fr

Dr Richard Muwonge

Screening Group
IARC
150, cours Albert Thomas
F-69372 Lyon Cedex 08
muwonger@students.iarc.fr

Dr R. Sankaranarayanan

Head, Early Detection and Prevention
Section
IARC
150, cours Albert Thomas
F-69372 Lyon Cedex 08
sankar@iarc.fr

Dr Catherine Sauvaget

Screening Group
IARC
150, cours Albert Thomas
F-69372 Lyon Cedex 08
sauvagetc@iarc.fr

Dr Nadia Slimani

Head, Dietary Exposure Assessment Group
IARC
150, cours Albert Thomas
F-69372 Lyon Cedex 08
slimani@iarc.fr

Mr Martyn Plummer

Infections and Cancer Epidemiology Group
IARC
150, cours Albert Thomas
F-69372 Lyon Cedex 08
plummer@iarc.fr

Dr Kurt Straif

IARC Monographs Group
IARC
150, cours Albert Thomas
F-69372 Lyon Cedex 08
straif@iarc.fr

Professor Tongzhang Zheng
Head
Division of Environmental Health Sciences
Yale University School of Medicine
60 College Street
New Haven, CT 06510
USA
tongzhang.zheng@yale.edu

IARC TEACHING ASSISTANTS

Coordinator – Dr Valerie McCormack

Marianna Cancela

Karima Chaabna

Dominique Isabelle Chaillol

Shu-Chun Chuang

Jean Marie Fayette

Farhad Islami

Fabienne Lesueur

Manuela Marron

Richard Muwonge

Ann Olsson

Thais Pontes

Karina Braga Ribeiro

Ghislaine Scelo

Therese Truong

**INTRODUCTION TO
CANCER EPIDEMIOLOGY**

22 June to 3 July 2009

Monday 22 June 2009

08h30	Registration	
09h00	Official Opening	
	Introduction of teaching staff and participants	Paolo Boffetta/ Mary Heanue
09h30	Measures of occurrence	Paolo Boffetta
10h30	COFFEE BREAK	
11h00	Descriptive cancer epidemiology	Tong Zheng
13h00	LUNCH	
14h00	Overview of study design	Paolo Boffetta
15h30	TEA BREAK	
16h00	Introduction to STATA - 1	Richard Muwonge
17h00	Introduction to PubMed	Sharon Grant
18h00	Welcome Reception	

Tuesday 23 June 2009

08h30	Introduction to STATA - 2	Richard Muwonge
09h00	Intervention studies	R. Sankaranarayanan
10h30	COFFEE BREAK	
11h00	Introduction to biostatistics - 1	Graham Byrnes
12h00	Measures of association	Paolo Boffetta
13h00	LUNCH	
14h00	Biostatistics practical - 1	Graham Byrnes
15h30	TEA BREAK	
16h00	Intervention studies (paper)	R. Sankaranarayanan
17h00	Subgroup work	Paolo Boffetta/ Mary Heanue

Wednesday 24 June 2009

08h30	Introduction to STATA - 3	Richard Muwonge
09h00	Cohort design	Kurt Straif
10h30	COFFEE BREAK	
11h00	Cohort basic analysis	Kurt Straif
12h00	Cross-sectional studies	Tong Zheng
13h00	LUNCH	
14h00	Standardisation (practical)	Tong Zheng
15h30	TEA BREAK	
16h00	Cohort studies (paper)	Kurt Straif
17h00	Subgroup work	Paolo Boffetta/ Mary Heanue

Thursday 25 June 2009

08h30	Introduction to STATA - 4	Richard Muwonge
09h00	Introduction to biostatistics - 2	Graham Byrnes
10h30	COFFEE BREAK	
11h00	Exposure assessment - 1	Kurt Straif
12h00	Introduction to biostatistics - 3	Graham Byrnes
13h00	LUNCH	
14h00	Measures of association and occurrence (practical)	Paolo Boffetta
15h30	TEA BREAK	
16h00	Exposure assessment - 2	Kurt Straif
17h00	Subgroup work	Paolo Boffetta/ Mary Heanue

Friday 26 June 2009

08h30	Introduction to STATA - 5	Richard Muwonge
09h00	Case-control studies - design	Tong Zheng
10h30	COFFEE BREAK	
11h00	Case-control studies – basic analysis	Tong Zheng
12h00	Occupational and environmental cancer	Kurt Straif
13h00	LUNCH	
14h00	Cohort studies (practical)	Kurt Straif
15h30	TEA BREAK	
16h00	Effective writing	John Daniel
17h00	Subgroup work	Paolo Boffetta/ Mary Heanue

Monday 29 June 2009

09h00	Principles of screening	Philippe Autier
10h30	COFFEE BREAK	
11h00	Survival analysis	Philippe Autier
12h00	Introduction to bias	Paolo Boffetta
13h00	LUNCH	
14h00	Case-control studies (practical)	Tong Zheng
15h30	TEA BREAK	
16h00	Screening (paper)	Philippe Autier
17h00	Subgroup work	Paolo Boffetta/ Mary Heanue

Tuesday 30 June 2009

09h00	Diet and cancer: specific features and methodological issues	Nadia Slimani
10h30	COFFEE BREAK	
11h00	Attributable risk	Gary Clifford
12h00	Introduction to biostatistics - 4	Graham Byrnes
13h00	LUNCH	
14h00	Biostatistics practical - 2	Graham Byrnes
15h30	TEA BREAK	
16h00	Methods of data presentation	Tong Zheng
17h00	Subgroup work	Paolo Boffetta/ Mary Heanue

Wednesday 1 July 2009

09h00	Effect modification	Tong Zheng
10h00	COFFEE BREAK	
10h30	Conducting an epidemiological study - 1 (writing a protocol, grant application)	Mia Hashibe
12h00	Confounding	Tong Zheng
13h00	LUNCH	
14h00	Conducting an epidemiological study - 2 (organise field work, sample size, power in low- and medium-resource countries)	Mia Hashibe
15h30	TEA BREAK	
16h00	Case-control studies (paper)	Tong Zheng
17h00	Subgroup work	Paolo Boffetta/ Mary Heanue

Thursday 2 July 2009

09h00	Multivariate analysis	Mathieu Boniol
10h30	COFFEE BREAK	
11h00	Infection and cancer	Martyn Plummer
12h00	Combining epidemiological results	Paolo Boffetta
13h00	LUNCH	
14h00	Multivariate analysis (practical)	Mathieu Boniol
15h30	TEA BREAK	
16h00	Causal inference	Paolo Boffetta
17h00	Subgroup work	Paolo Boffetta/ Mary Heanue

Friday 3 July 2009

09h00	Presentation of projects - 1	Paolo Boffetta/ Mary Heanue
10h30	COFFEE BREAK	
11h00	Presentation of projects - 2	Paolo Boffetta/ Mary Heanue
13h00	LUNCH	
14h00	Cancer Control	Catherine Sauvaget
15h00	TEA BREAK	
16h00	Course evaluation	Paolo Boffetta
16h30	Closure	Chris Wild