

# Director's Report

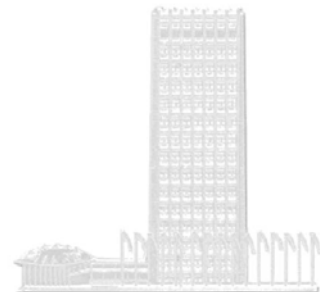
Dr C.P. Wild

International Agency for Research on Cancer  
Lyon, France



# 100 days - First impressions

- Relevance of the Agency's mission
  - International
  - Prevention
  - Coordination
- Dedication of staff
- Need for organizational change

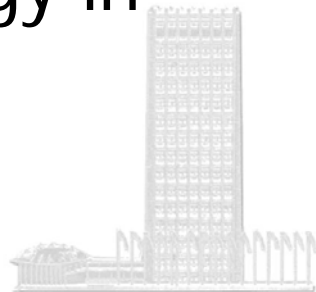


# IARC Day

- Professor Harold zur Hausen, German Cancer Research Centre
- Professor Nubia Muñoz, National Cancer Institute, Colombia, formerly of IARC

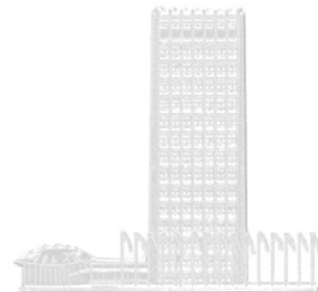
*Identification of human papillomavirus (HPV) as a necessary cause of cervical cancer and the development of a dual strategy of vaccination and screening to reduce cancer burden*

Integration of laboratory and epidemiology in cancer prevention



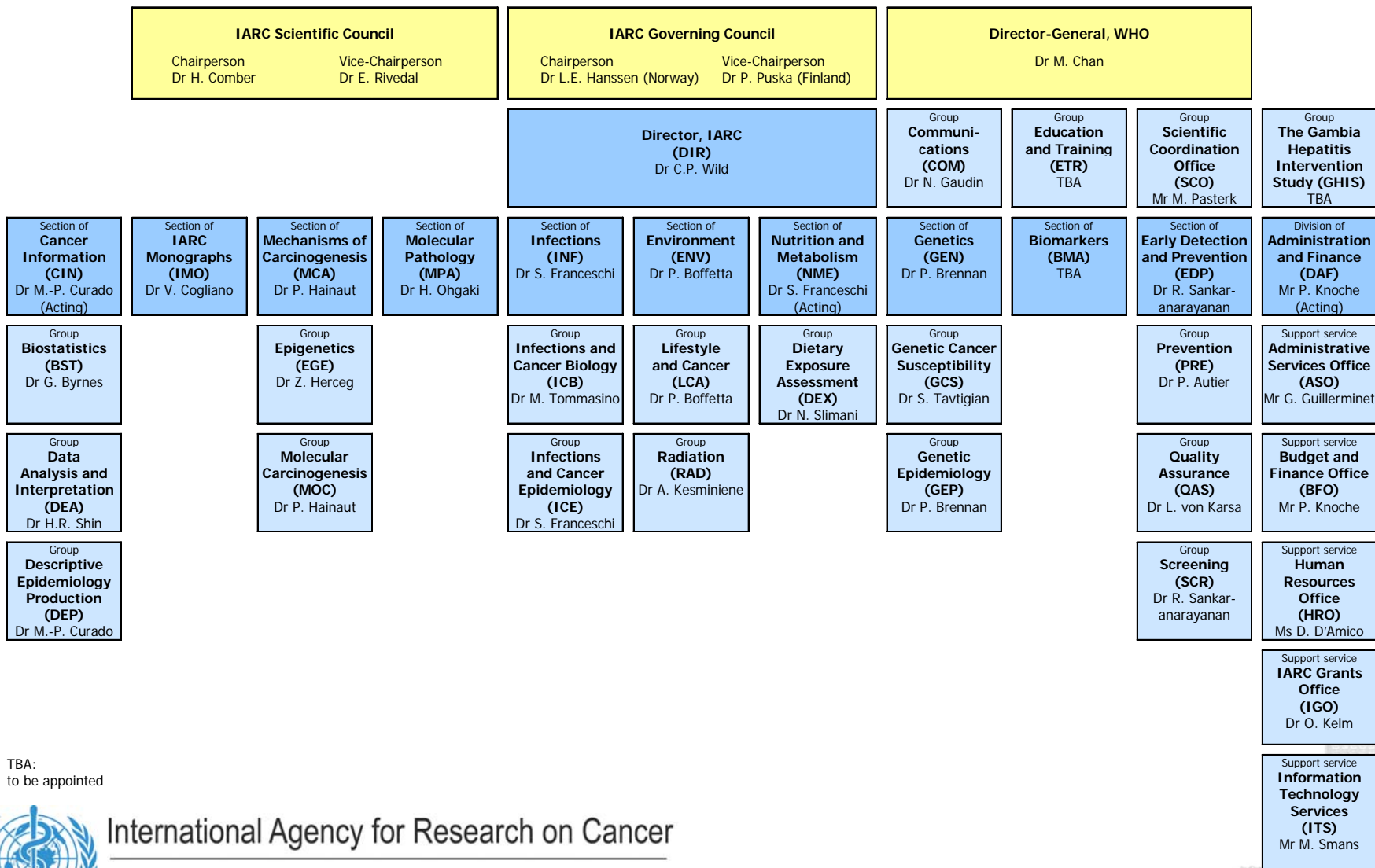
# Scientific organization

- Cluster structure
  - Poor fit for some Groups; lack of identity
  - Unclear leadership roles
- Section structure
  - Consistent with major research activities
  - Provide clear leadership and line management
  - Support inter-disciplinary working



# New IARC organizational structure

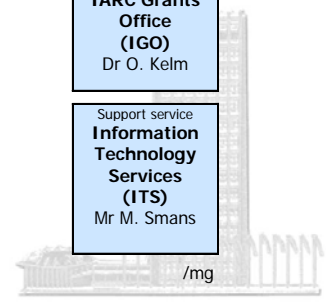
14 April 2009



TBA:  
to be appointed



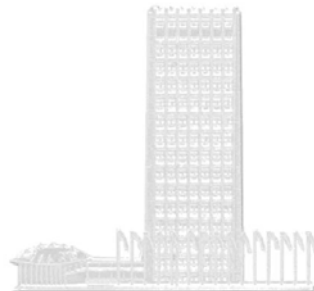
International Agency for Research on Cancer  
 Centre International de Recherche sur le Cancer



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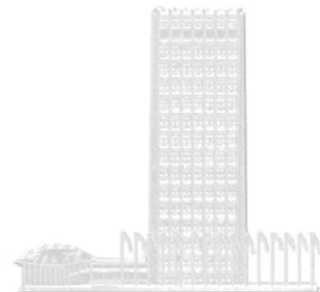
# Leadership and accountability

- Senior Leadership Team (SLT):  
*DIR, DAF, COM, Section Heads*
- IARC Operational Team (IOT):  
*DAF, COM, Heads of support services,  
one Section Head*
- Objective: all staff with route to SLT
- Published terms of reference; opened for comments



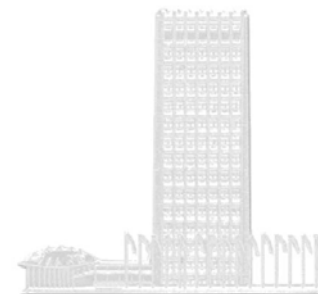
# Laboratory working group

- Technical support – organization
- Equipment – maintenance, replacement, new initiatives
- Various procedural matters – purchasing, shipment
- Final report end June 2009



# Staffing – Update May 2009

- 283 staff
- 170 fixed-term
  - 62 professional (48 in scientific sections)
  - 108 general service
- 26 temporary/short-term staff
- 46 students
- 32 postdoctoral scientists
- 9 visiting scientists





# IARC Staff Day – 11<sup>th</sup> June 2009



## *Invitation*

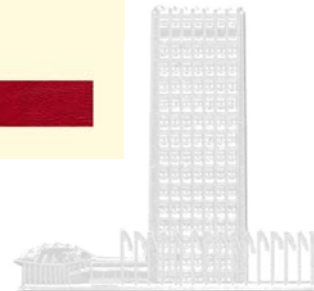
### IARC Staff Day

- Doctor Wild has the pleasure of inviting you to participate in our first IARC Staff Day
- The goal of this day is to enable us to better understand each others' roles, to improve team spirit and to encourage initiative.
  - Date: Thursday, June 11, 2009
  - Location: IARC
  - The success of Staff Day will depend upon the presence of all Agency staff - therefore your attendance is anticipated.
  - Further details will soon be forthcoming, but please save the date on your calendar for an enjoyable day and a relaxing break.



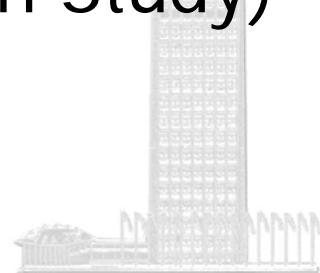
### Journée collaborateurs du CIRC

- Le docteur Wild a le plaisir de vous inviter à participer à notre première Journée collaborateurs du CIRC.
- L'objectif de cette journée est de nous permettre de mieux comprendre nos rôles respectifs, de favoriser l'esprit d'équipe et d'encourager l'initiative.
  - La date : jeudi 11 juin 2009
  - Le lieu : CIRC
  - Pour assurer le succès de cet événement, la présence de tous est requise, et votre participation est donc attendue.
  - Vous recevrez de plus amples informations sous peu, mais réservez d'ores et déjà la date dans votre agenda pour une journée pleine de sens... et de détente aussi !



# Recruitment

- New DAF, Dr Hichem Lafif, on 22 June
- Adverts for three new Section Heads now published (*circulated via Scientific Council members*)
- Consultancy roles
  - Dr DM Parkin (Cancer Information)
  - Dr JD Potter (Nutrition and Metabolism)
  - Dr AJ Hall (Gambia Hepatitis Intervention Study)



# Building work and renovation

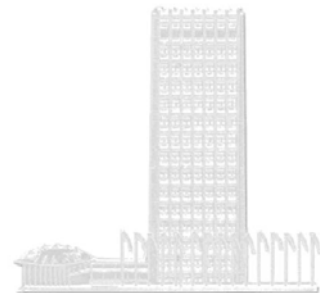
- Renewed dialogue with City of Lyon
- Security
  - Reinforced glass windows
  - Restricted external access to the basement
- Renovation/improvement
  - Replacement of bar; lighting system in entrance hall
  - Videoconferencing facility (May 2009) in previous “cabinet room” on 11<sup>th</sup> floor
  - New staff room on 12<sup>th</sup> floor
  - Additional meeting room on 11<sup>th</sup> floor to replace the “VIP lounge” – the “Lorenzo Tomatis Meeting Room”



# Scientific Highlights



International Agency for Research on Cancer  
Centre International de Recherche sur le Cancer

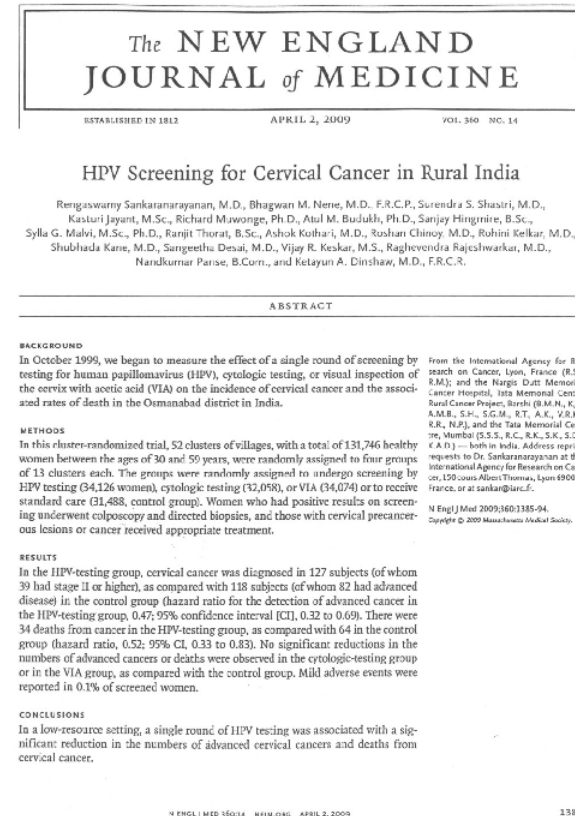


# Cancer Prevention

## HPV testing and cervical cancer in India

(Sankaranarayanan *et al.*, *New Engl J Med*, 360, 1385-94, 2009)

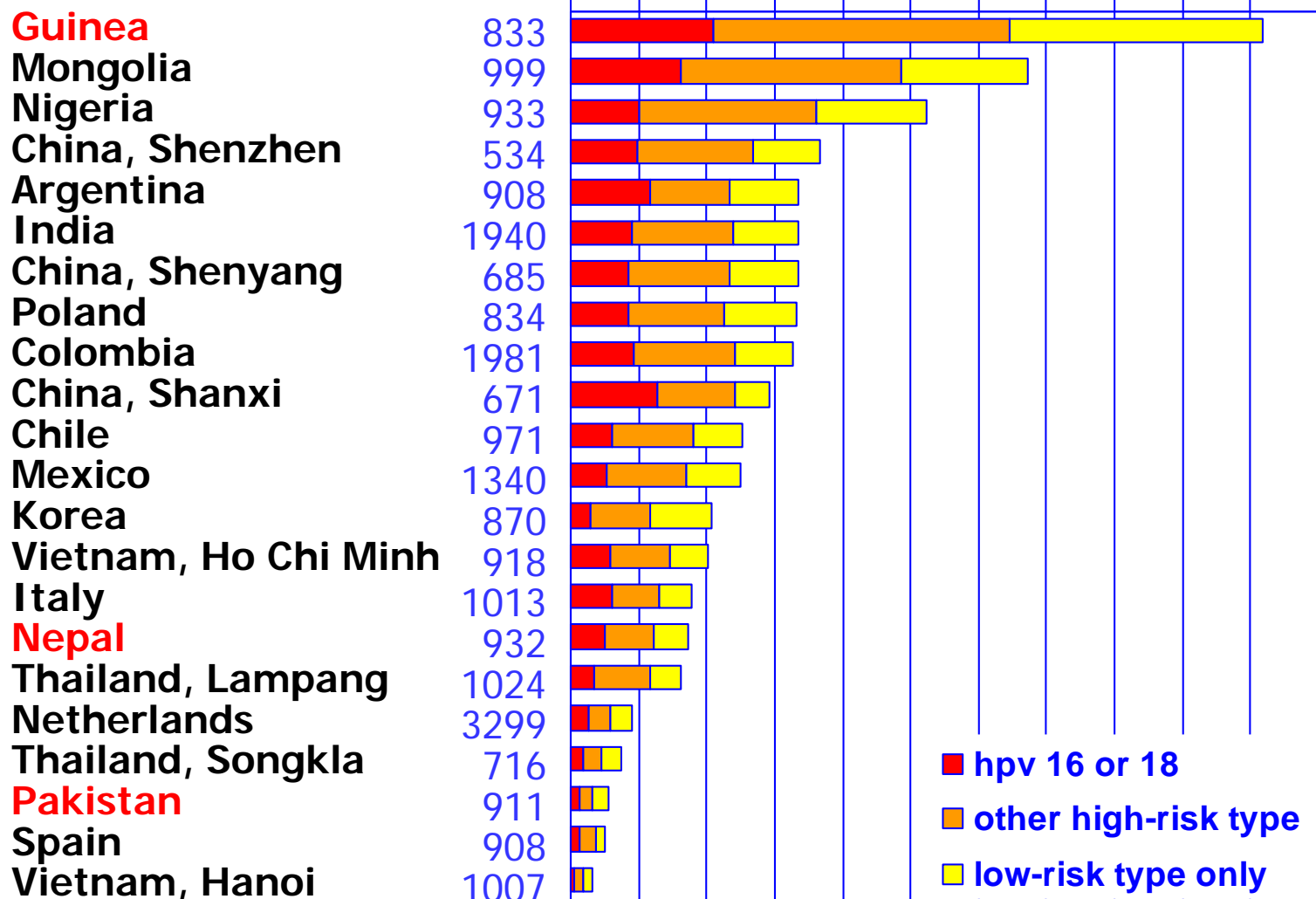
- Cluster-randomized trial of 131,746 women in Osmanabad District
- A single round of HPV testing associated with 48% reduction in advanced cervical cancers and cervical cancer deaths
- Major implications for screening practices worldwide



# Prevalence of cervical HPV DNA in sexually active women

## IARC Multi-centre HPV Prevalence Survey, 1995-2008

0 5 10 15 20 25 30 35 40 45 50 55



International Agency for Research on Cancer

Centre International de Recherche sur le Cancer

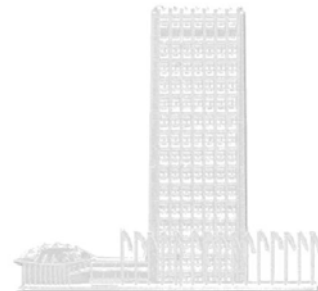


# Cancer Aetiology

## Genetic susceptibility to lung cancer

*(McKay et al., Nature Genetics, 40, 1404-6, 2008)*

- Part of a series of genome-wide association studies
- 317,139 genetic variants tested in 1989 cases of lung cancer and 2625 controls in a multi-centre collaborative study
- Strong association with two variants; replicated in subsequent studies

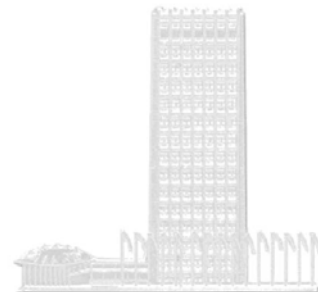


# Cancer Aetiology

## Adiposity and death in Europe

*(Pischon et al., New Engl J Med, 359, 2105-20, 2008)*

- Part of the EPIC study with 359,387 participants in nine countries
- BMI, waist circumference and waist-to-hip ratio strongly associated with risk of death
- General adiposity and abdominal adiposity are important in assessing risk of death

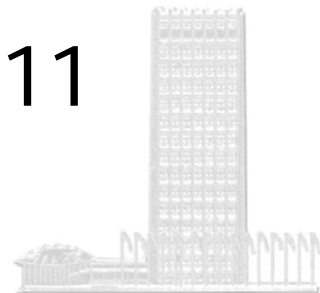




# Carcinogen Identification

## IARC Monographs volume 100

- Review/update all Group 1 carcinogens in six meetings (2008-2009)
- Specifically identify tumour sites with evidence of cancer in humans
  - Asbestos exposure and ovarian cancer
  - Epstein-Barr virus and gastric cancer
- Agreed plan for backlog - end 2010
- New programme of evaluations - 2011

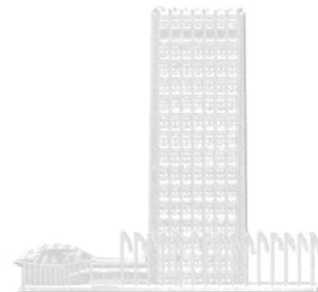


# Method Developments

## Molecular changes in human body fluids

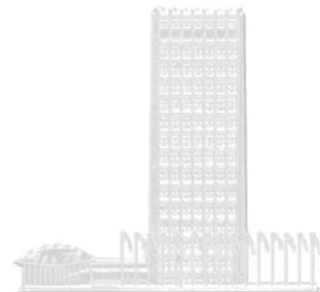
*(Vaissière et al., Epigenetics, in press)*

- Circulating DNA in plasma can be isolated and tested for epigenetic alterations – applicable to population studies
- Translation of new understandings of molecular mechanisms into population-based studies



# INTERPHONE

- Multi-centre international study of mobile phone use and brain tumours
- Analysis complete in 2006, no publication to date
- Principal investigator, Dr Cardis, left IARC
- Since January 2009 - established an agreed process which has resulted in a manuscript for submission

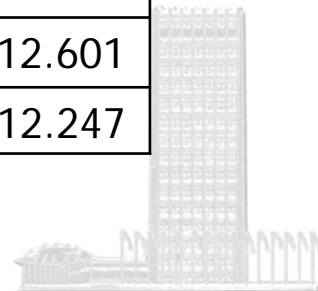


# Staff publications - 2008

- 294 articles in 122 different journals
- 229 (78%) were in the form of peer-reviewed articles
- Papers in:

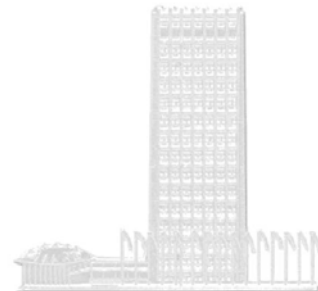
9/20 peer-reviewed,  
original articles

<i>Journal</i>	<i>No.</i>	<i>IF</i>
The New England Journal of Medicine	3	52.589
Nature Reviews Cancer	1	29.190
Nature	1	28.751
Lancet	2	28.638
Science	1	26.372
Nature Genetics	2	25.556
Journal of the National Cancer Institute	1	15.678
Annals of Internal Medicine	1	15.516
Journal of Clinical Oncology	1	15.484
PLoS Medicine	1	12.601
Lancet Oncology	6	12.247



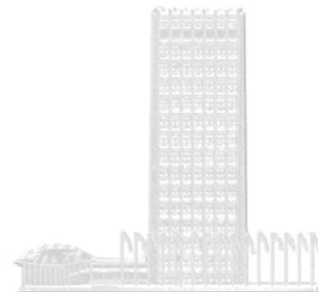
# Other publications

- WHO Classification of Tumours Series (“Blue Books”)
  - Haematopoietic and Lymphoid Tissues, 4<sup>th</sup> edition – published 20 September 2008
  - By end March 2009 >19,268 copies sold
- Cancer Incidence in Five Continents (Vol IX)
  - Printed in 2008 – problems identified with some narrative text; corrections completed July 2009
- World Cancer Report
  - Published in December 2008



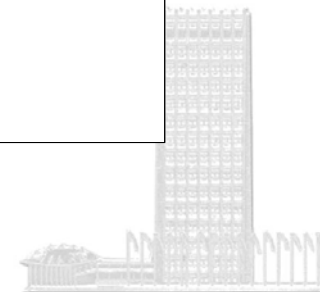
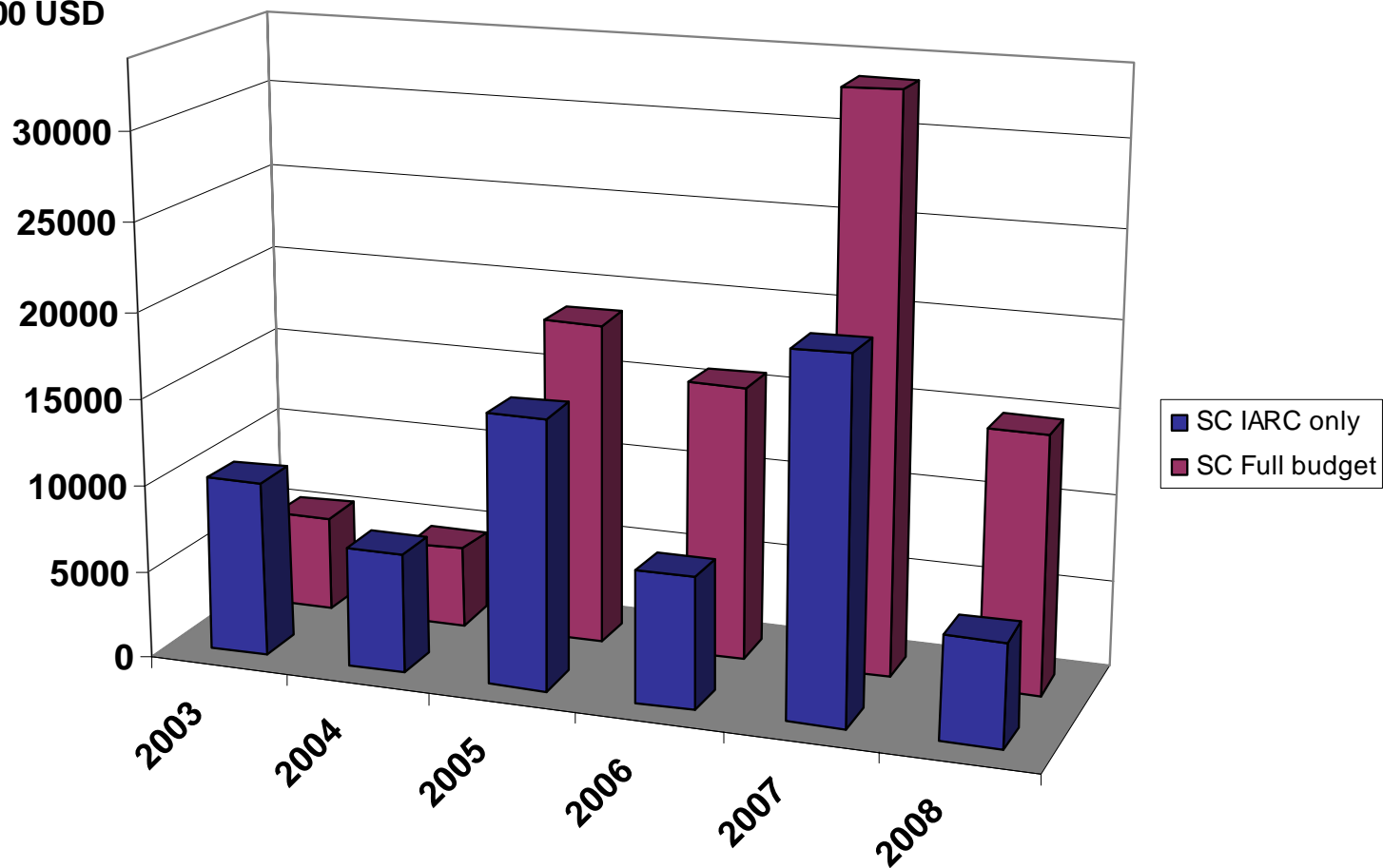
# Voluntary Contributions 2008/2009

- From April 2008 to March 2009, 27 grants or contracts signed
- Total value US \$4,000,000
- Major sources: European Commission (40%); USA (36%); France (18%)



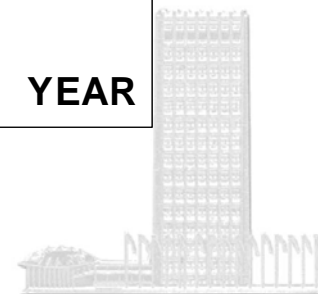
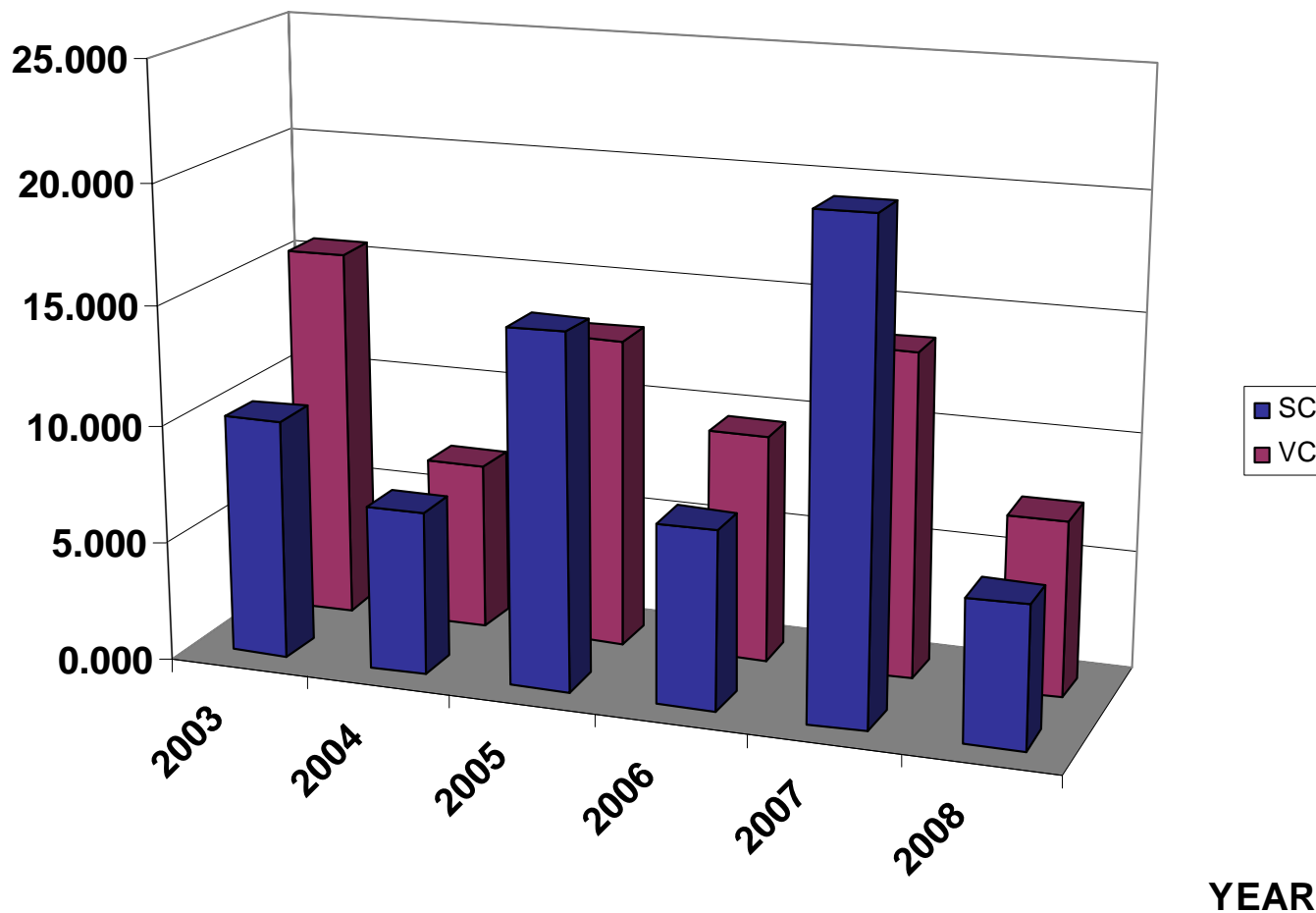
# IARC Signed Contracts 2003-2008 Comparison

1000 USD



# IARC Signed Contracts (SC) compared to Voluntary Contributions (VC) from 2003-2008

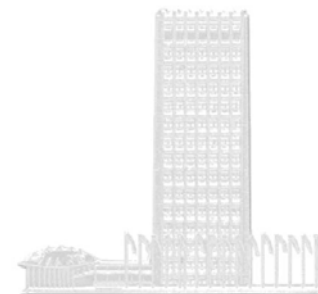
Million USD





# EU Contracts currently under negotiation

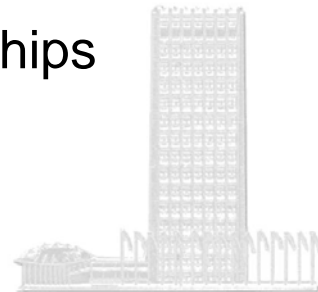
- IARC International Fellowships Programme:  
€ 0.839m overall; € 0.839m IARC
- PPACTE – Pricing Policies and Control of Tobacco in Europe (Partner):  
€ 2.9m overall; € 0.33m IARC
- CHANCES – Consortium on Health and Ageing: network of cohorts in Europe and the USA  
€ 11.9m overall; € 1.6m IARC
- EUROCOURSE – Optimisation of the use of registries for scientific excellence in research:  
€ 2m overall; € 0.25m IARC



# Education and Training - Fellowships

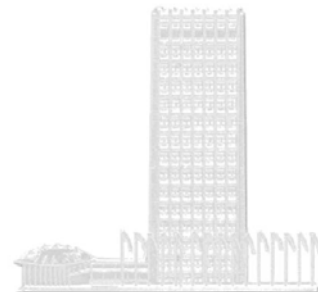
IARC postdoctoral fellowships – new awards	6
IARC postdoctoral fellowships – extensions	5
PhD studentships – new	2
Expertise Transfer Fellowship	1

Marie-Curie Award from EU to permit expansion of fellowships



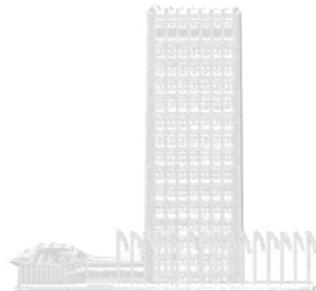
# Education and Training - Courses

- 2008 IARC Summer School:  
81 participants, including 41 from low- and middle-resource countries
- Other courses held outside the Agency on cancer registration; cervical cancer screening and treatment



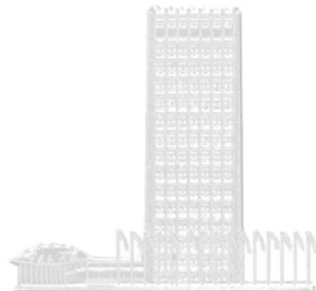
# Education and Training

- Responsibility moved to DIR Office
- Currently reviewing:
  - Overall objectives and strategy
  - Content
  - Leadership
  - Funding



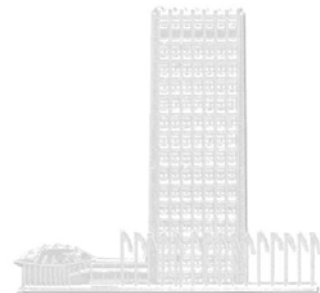
# Scientific meetings

- “Integrative Molecular Cancer Epidemiology” (*joint with European Association of Cancer Research and American Association of Cancer Research*)
- “Infections and Cancer” (*joint with German Cancer Research Centre and two French Cancéropôles*)



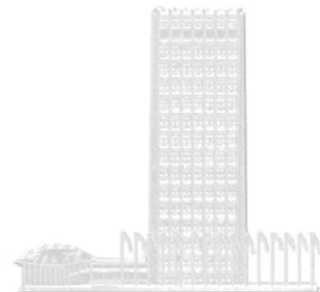
# Scientific meetings

- EPIC Steering Committee meetings – latest in Lyon on 30 March-1 April 2009
- Agenda for Research on Chernobyl Health (ARCH)
- European Network of Cancer Registries



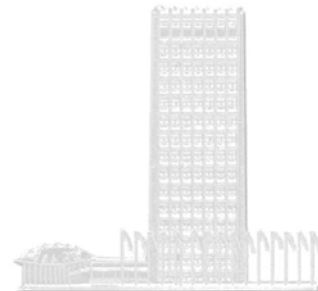
# WHO collaboration

- Excellent working partnership  
(Dr Ala Alwan, ADG)
- Global Burden of Disease  
(joint meeting at IARC in Jan 2009)
- Tobacco – joint planning – exchange visits
- IARC/WHO “Blue books” – WHO Press



# Key Performance Indicators

- Transparent approach
- Sound methodology
- Reflects the broad role of IARC as an international agency – quality and relevance to the IARC mission
- Examining approaches taken by others, and dialogue with scientists responsible for our various programmes
- Propose discussion with the Scientific Council in 2010





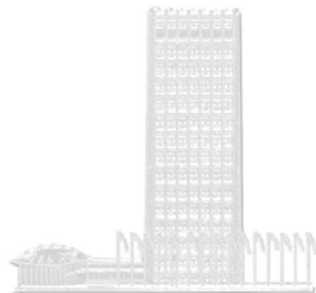
# New Participating States

- Introductions and request for further dialogue made to China, Brazil, Portugal
- Consideration of financial implications
- Overall strategy to be considered
  - More is better?
  - Geographical distribution?
  - Requirements for joining?
  - Expectations from joining?
- Director would welcome further consideration by the GC Sub-Committee on the Admission of New Participating States



# IARC characteristics

- Courtesy
- Honesty
- Generosity



# Lorenzo Tomatis

Il est assez peu fréquent, dans l'histoire des nations, que l'on trouve de bonnes raisons de rendre hommage à la générosité et à l'altruisme des gouvernements et des hommes au pouvoir: la naissance du Centre international de recherche sur le cancer (CIRC) offre l'une de ces rares occasions.

**c1990**



International Agency for Research on Cancer  
Centre International de Recherche sur le Cancer

