

# Gaslini - IARC - Menarini Course in Cancer Genetics: September 29 - October 3

Directors: **R. Fodde** (Leiden), **G. Romeo** (Lyon and Genoa), **M. Seri** (Genoa)  
(In collaboration with EUROPE AGAINST CANCER)

---

## Wednesday 29 - Cancer as a Genetic Disease

Morning Lectures: **R. Fodde** (Leiden): Introduction: Mendelian inheritance in cancer genetics; **M. Devoto** (New York): Linkage analysis in familial cancer; **C. Sapienza** (Philadelphia): Epigenetics and cancer; **G. Romeo** (Lyon and Genoa): Non-mendelian inheritance: genetic and environmental modifiers

Afternoon Workshops: **P. Devilee**: Identification of tumor suppressor genes by loss of heterozygosity; **M. Devoto**: Linkage analysis of single gene disorders using the linkage computer programs; **C. Sapienza**: Imprinting and cancer; **P. Hainaut**: Gene mutations in cancer: the p53 example; **P. Hainaut**: Use and misuse of electronic mutation databases.

## Thursday 30 - FAMILIAL CANCER SYNDROMES

Morning Lectures: **R. Fodde** (Leiden): Family cancer syndromes: defects in gatekeepers; **K. Jaspers** (Rotterdam): Family cancer syndromes: defects in caretakers; **P. Devilee** (Leiden): Familial breast cancer; **B. Pasini** (Milan): Multiple endocrine neoplasia: MEN1, MEN2 and VHL

Afternoon Workshops: **P. Devilee**: Identification of tumor suppressor genes by loss of heterozygosity; **M. Devoto**: Linkage analysis of single gene disorders using the linkage computer programs; **L. Varesco / R. Fodde**: Mutation Analysis Strategies; **N. Jaspers**: DNA Repair: biology and inherited syndromes; **G. Romeo**: RET: one gene, several diseases; **B. Pasini**: The Li-Fraumeni syndrome: the influence of molecular genetics on screening and treatment.

21:00-22:00 - **C. Sapienza** (Philadelphia): *Evening Research Seminar*

## Friday 1 - From Familial Cancer to Cancer Biology

Morning Lectures: **R. Fodde** (Leiden): Familial colorectal cancer; **J. Burn** (Newcastle): Counseling and prevention in FAP and HNPCC; **R. Wolf** (Dundee): Genetic polymorphisms and cancer; **P. Hainaut** (Lyon): Gene mutations and cancer: applications in functional studies

Afternoon Workshops: **C. Sapienza**: Epigenetics and cancer; **P. Hainaut**: Gene mutations in cancer: the p53 example; **P. Hainaut**: Use and misuse of electronic mutation databases; **R. Fodde**: Transgenic approaches to cancer; **R. Wolf**: Drug and carcinogen metabolizing enzymes; **R. Bernards**: Cell cycle regulation; **L. Varesco / J. Burn**: Genetic counselling of familial colorectal cancer syndromes; **N. Jaspers**: DNA Repair: biology and inherited syndromes; **M. Rocchi**: Molecular cytogenetics: applications for tumor analysis; **J. Behrens**: The role of cell adhesion in metastasis; **B. Pasini / R. Eeles**: The Li-Fraumeni syndrome: the influence of molecular genetics on screening and treatment.

21:00-22:00 - **N. Hastie** (Edinburgh): *Evening Research Seminar*

## Saturday 2 - THE BIOLOGY OF CANCER

Morning Lectures: **B. Young** (London): Translocations, fusion genes and acute leukemia; **R. Bernards** (Amsterdam): Cell cycle, apoptosis and cancer; **J. Behrens** (Berlin): Cell adhesion and cancer; **N. Hastie** (Edinburgh): Embryonic development and cancer

## Sunday 3 - CANCER GENETICS AND SOCIETY

Morning Lectures: **K. Sikora** (Lyon): Cancer Genetics and society; **N. A. Holtzman**

(Baltimore): The future of cancer genetics in medicine; **F. Eisinger** (Marseille): Cancer genetics: medical opportunity or social risk?; **R. Eeles** (Sutton): The organization of a cancer genetics clinic; **N. Haites** (Aberdeen): Models of implementing cancer genetics services in Europe

Afternoon Workshops: **J. Burn** / **L. Varesco**: Genetic counseling of familial colorectal cancer syndromes; **R. Eeles**: Genetic counseling of familial breast and ovarian cancer syndromes; **R. Eeles**: Genetic predisposition to prostate cancer; **F. Eisinger** / **N. A. Holtzman**: Criteria for predictive genetic testing in clinical practice; **N. Haites**: Ethical dilemmas posed by cancer genetics; **G. Romeo**: *RET*: one gene, several diseases; **L. Varesco** / **R. Fodde**: Mutation analysis strategies; **R. Wolf**: Drug and carcinogen metabolizing enzymes;

21:00-22:00 - **John Burn** (Newcastle): *Evening Lecture*

22:00 Get together/Farewell party

---

**How to apply for the 4th Gaslini-IARC-Menarini Course on Cancer Genetics:** Send by regular mail or e-mail (not FAX) a short C.V., a brief description of your research interests, a letter of recommendation signed by your supervisor and a certificate of your fluency in English to: **Mme Trochard, IARC, 150 Cours A.Thomas, 69372 Lyon cedex 08**; e-mail [trochard@iarc](mailto:trochard@iarc). Applications will be accepted until the course is full on a first come, first served basis: about 150 students. After acceptance you will receive instructions regarding payments.

**Registration fees:** for the entire course (5 days) It. Lire 500,000 / Euro 258,23 (covering abstract book, lunches, coffee breaks).

**Accommodation:** rooms on a half board basis (breakfast and dinner) in 3 and 4 stars Hotels at the following reduced rates (per night per person): It.Lire 140,000/Euro 72,30 (single room), It. Lire 110,000/Euro 56,81 (double room sharing), It.Lire 90,000/Euro 46,48 (three-beds room sharing). Cheaper accommodation will be available in 2 stars hotels (half pension) or in apartments (without meals) at lower prices. A list of all the possible accommodation with prices and addresses will be sent in response to your application.

**Fellowships:** a limited number of fellowships of the European Commission covering registration fees and living expenses will be available only for citizens of the European Union who are under 35 years of age.

For further information visit the EGF website: [www.eurogene.org](http://www.eurogene.org)