



## **SECOND ADVANCED SUMMER SCHOOL IN AFRICA**

### **Training Course on the Molecular Mechanisms of Viral Infection and Propagation**

**6<sup>th</sup> - 14<sup>th</sup> March, 2010**

**Application deadline: Sunday 15<sup>th</sup> November, 2009**

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The second biennial course in the **Advanced Summer School in Africa** training courses will take place under the auspices of the International Centre for Genetic Engineering and Biotechnology (ICGEB), International Union of Biochemistry and Molecular Biology (IUBMB), Federation of European Biochemical Societies (FEBS), European Molecular Biology Organisation (EMBO) and United Nations Educational, Scientific and Cultural Organization (UNESCO), from 6 – 14 March 2010.

**Location:** The course will be held in Hermanus, a seaside resort located in very pleasant surroundings approximately 100 km from Cape Town.

**Funding:** Admission to the course will include contribution towards a round-trip economy-class airfare, and the cost of accommodation for the duration of the course.

**The Program:** An international faculty of scientists will conduct the one-week advanced theoretical training course for young scientists interested in the Molecular Mechanisms of Viral Infection and Propagation. The course will include lectures and tutorials on the following topics: Molecular virology, (SARS, Influenza, etc), Genetic diversity of viruses, Molecular aspects of the life cycle of viruses, Molecular aspects of retroviral biology, DNA and RNA Tumour viruses and gene therapy

**Participants:** The course is open to all nationalities. A scientific committee will select 50 trainees on a competitive basis, but attention will be given to achieving a good geographical distribution. Applicants must be senior PhD students, postdoctoral fellows, or young academics under the age of 35 who are in possession of a PhD degree. Appropriate background knowledge and expertise in the field of virology are essential.

**Faculty:** Lawrence Banks (Italy), Ethel Cesarman (USA), John Doorbar (UK), Luis Enjuanes (Spain), Ingemar Ernberg (Sweden), Ariberto Fassati (UK), Denise Galloway (USA), Janet Hapgood (South Africa), Hans-Georg Kraeusslich (Germany), Paul Lambert (USA), Alessandro Marcello (Italy), M.Iqbal Parker (South Africa), Aluisio Segurado (Brazil), Carolyn Williamson (South Africa), Luiz Zerbini (South Africa),

**Application Procedure:** Candidates should submit the following documents no later than **15<sup>th</sup> November 2009:**

1. A duly completed on-line application ([www.advancedsummerschool.org.za](http://www.advancedsummerschool.org.za)).
2. A one-page CV
3. A list of all your publications.
4. A one-page abstract describing your current research interests.
5. A letter of recommendation by your head of Department, to be sent directly to [lauren.arendse@uct.ac.za](mailto:lauren.arendse@uct.ac.za)

**All incomplete applications or applications received after the deadline will automatically be rejected.**

**For more information, please contact:**

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