

IV International Meeting

«Early Events in Human Pathologies»

Foreword

In Armenia the fundamental investigations on molecular genetics and immunology are carried out for a long time. The most significant data are obtained on studying the neurohormonal mechanisms of regulation and treatment of several diseases as lymphoma, mieloma, leukemia and chondrosarcoma. The antibacterial peculiarities of the new discovered neurohormones are of interest to the scientists. They are of great importance as those diseases are accompanied with different infections as well. The organization of this conference in Armenia will create the basis for good cooperation on international level.

*Academician Armen A. Galoyan,
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The meeting «Early Events in Human Pathologies» held in Yerevan (Republica of Armenia) on October 12–16, 2011 will unite Armenian, Ukrainian, Russian, and French scientists working on cancer, neurodegenerative and autoimmune diseases. This is the fourth meeting in this very successful series, the previous mettings were held in Moscow, Russian Federation (2007), Kiev, Ukraine (2009) and Barbizon, France (2010). The challenges of modern medicine include a variety of diseases with a slow onset, where a success of treatment depends on early diagnostics, which in its turn relies on the knowledge of early mechanisms of disease. These diseases include cancer, neurodegenerative and autoimmune diseases. They also represent a challenge to modern society, as their treatment is a heavy financial burden on public health systems. Therefore, the understanding of early mechanisms of these diseases is particularly important for the success of treatment and for development of new drugs. Some of the early mechanisms of cancer, autoimmune and neurodegenerative diseases are similar, eg mutations and translocations in immunoglobulin genes may provoke both autoimmune diseases and cancer. Therefore, cooperation between laboratories working on these subjects may provide new insights into early mechanisms of these diseases. The quality of the meeting and the collaborations born from the previous meetings are reflected in the artilces and the abstracts, published in this issue of «Biopolymers and Cell». We would like to thank the local organizing committee, namely Academician Armen Galoyan, Dr. Karine Gevorgyan and Dr. Anahit Khachatryan for the wonderful organization of the meeting, and the «Biopolymers and Cell» journal for their support. The meeting was organized with the financial support from CNRS, the Region Ile-de-France and the Armenian Association of Biochemists.

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