

EDITORIAL

Interdisciplinary Approach: From Basic Sciences to Clinical Practice

The present Volume 42 (2015) of the journal RAD of the Croatian Academy of Sciences and Arts – Medical Sciences introduces papers presented at the symposium *DEVELOPMENTAL BIOLOGY OF PLATELETS, THROMBOCYTOPENIA AND MYELOPROLIFERATIVE NEOPLASMS*, organized by the Department of Clinical and Transplantation Immunology and Molecular Medicine of the Croatian Academy of Sciences and Arts in Rijeka (Head: Daniel Rukavina). The meeting was held in Rijeka on 12 March 2015. Co-organizers were the Clinical Hospital Centre in Rijeka, the Medical Faculty of the University of Rijeka, and the Croatian Medical Association – Branch Office Rijeka. The aim of the meeting was to highlight several recent breakthroughs in the field of the thrombopoiesis by promoting the interdisciplinary approach in the range from basic sciences to clinical practice. Today, this is the only approach possible in modern medicine. The development of new approaches based on wide profiling methods in studying biological and medical systems is bringing large amounts of data on a daily basis.

I would like to cite the Conclusion of one recently published article concerning genome and cancer research: *Different sophisticated, detailed, complex and elaborate fields conditioned us to be experts only in single compartment of biology (medicine) or even only in the specific level of it. As science progressed through centuries it became clear that one person cannot truly comprehend vastly different fields and we concluded that in science there are no more Renaissance men. But in the light of new vast research and high-throughput techniques we will have to go back to the future and once again become Renaissance men understanding biology, biochemistry, bioinformatics and biophysics. Only this time it is going to be much more difficult. We have data but now we have to make sense of it. Seems to us even harder to achieve.* (Pećina Šlaus N., Pećina M. Only one health, and so many omics. *Cancer Cell Int.* 2015 Jun 23;15:64. doi: 10.1186/s12935-015-0212-2. eCollection 2015).

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