

Laboratory of Biochemistry and Molecular Biology

Selected Publications

Reviews

R.G. Roeder. Transcriptional regulation and the role of diverse coactivator in animal cells. *FEBS Letters* 579:909-915, 2005

S. Malik and R.G. Roeder. Dynamic regulation of RNA polymerase II transcription by the mammalian Mediator complex. *TiBS*, 30:256-263, 2005

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S. Malik and R.G. Roeder. Regulation of basal transcription by RNA polymerase II. *Handbook of Cell Signaling* Vol. 3, Chapter 271, 2003

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General Initiation Factors and Mechanisms for Transcription by RNA Polymerase II

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Transcriptional Activation by Nuclear Receptors in Homeostasis and Cell Differentiation

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Transcriptional Regulation During Cell Growth, Proliferation and Differentiation

M.J. Plevin, J. Zhang, R.G. Roeder and M. Ikura. The acute myeloid leukemia fusion protein AML1-ETO targets E-proteins via a PAH like TAFH domain. *Proc. Natl. Acad. Sci. USA* in press, 2006

R.R. Shen, D.O. Ferguson, M. Renard, K.K. Hoyer, U. Kim, X. Hao, F.W. Alt, R.G. Roeder, H.C. Morse III and M.A. Teitell. Dysregulated TCL1 requires the germinal center and genome instability for mature B cell transformation. *Blood* in press, 2006.

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Transcriptional Regulation During B-Cell Differentiation and Immune Responses

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Transcriptional Activation via Chromatin Structural Modifications

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