

Articles for presentation

First name

Family name

Topic

Camilla

Almås

02 RNAPII

Date **fredag 28. 04**

Ujvari, A. and Luse, D. S. (2006) **RNA emerging from the active site of RNA polymerase II interacts with the Rpb7 subunit.** Nat Struct Mol Biol 13, 49-54

Grethe Irene

Alnæs

05 KROMATIN

Date **tirsdag 02. 05**

Shogren-Knaak, M., Ishii, H., Sun, J. M., Pazin, M. J., Davie, J. R. and Peterson, C. L. (2006) **Histone H4-K16 acetylation controls chromatin structure and protein interactions.** Science 311, 844-847

Silje

Anda

05 KROMATIN

Date **tirsdag 02. 05**

Xu, F., Zhang, K. and Grunstein, M. (2005) **Acetylation in histone H3 globular domain regulates gene expression in yeast.** Cell 121, 375-385

Jan Terje

Andersen

05 KROMATIN

Date **onsdag 03. 05**

Tsukada, Y., Fang, J., Erdjument-Bromage, H., Warren, M. E., Borchers, C. H., Tempst, P. and Zhang, Y. (2006) **Histone demethylation by a family of JmjC domain-containing proteins.** Nature 439, 811-816

Trude Rakel

Balstad

04 KOAKT

Date **tirsdag 02. 05**

Lee, D., Ezhkova, E., Li, B., Pattenden, S. G., Tansey, W. P. and Workman, J. L. (2005) **The proteasome regulatory particle alters the SAGA coactivator to enhance its interactions with transcriptional activators.** Cell 123, 423-436

Tuva

Barøy

05 KROMATIN

Date **onsdag 03. 05**

Schalch, T., Duda, S., Sargent, D. F. and Richmond, T. J. (2005) **X-ray structure of a tetranucleosome and its implications for the chromatin fibre.** Nature 436, 138-141

Jonas

Bergan

04 KOAKT

Date **tirsdag 02. 05**

Chen, X., Hiller, M., Sancak, Y. and Fuller, M. T. (2005) **Tissue-specific TAFs counteract Polycomb to turn on terminal differentiation.** Science 310, 869-872

Katrine

Bjerkkan

04 KOAKT

Date **tirsdag 02. 05**

Fan, X., Chou, D. M. and Struhl, K. (2006) **Activator-specific recruitment of Mediator in vivo.** Nat Struct Mol Biol 13, 117-120

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Linn Bjørnstad **02 RNAPII** Date **fredag 28. 04**

Kaneko, S. and Manley, J. L. (2005) **The mammalian RNA polymerase II C-terminal domain interacts with RNA to suppress transcription-coupled 3' end formation.** Mol Cell 20, 91-103

Pimthanya Drågen **01 CIS** Date **onsdag 26. 04**

Wei, C. L., Wu, Q., Vega, V. B., Chiu, K. P., Ng, P., Zhang, T., Shahab, A., Yong, H. C., Fu, Y., Weng, Z., Liu, J., Zhao, X. D., Chew, J. L., Lee, Y. L., Kuznetsov, V. A., Sung, W. K., Miller, L. D., Lim, B., Liu, E. T., Yu, Q., Ng, H. H. and Ruan, Y. (2006) **A global map of p53 transcription-factor binding sites in the human genome.** Cell 124, 207-219

Monika Gelauzaukaite **01 CIS** Date **onsdag 26. 04**

Xie, X., Lu, J., Kulbokas, E. J., Golub, T. R., Mootha, V., Lindblad-Toh, K., Lander, E. S. and Kellis, M. (2005) **Systematic discovery of regulatory motifs in human promoters and 3' UTRs by comparison of several mammals.** Nature 434, 338-345

Reidun Hauge **05 KROMATIN** Date **onsdag 03. 05**

Couture, J. F., Collazo, E., Hauk, G. and Trievel, R. C. (2006) **Structural basis for the methylation site specificity of SET7/9.** Nat Struct Mol Biol 13, 140-146

Ståle Horgen **05 KROMATIN** Date **onsdag 03. 05**

Jin, C., Kato, K., Chimura, T., Yamasaki, T., Nakade, K., Murata, T., Li, H., Pan, J., Zhao, M., Sun, K., Chiu, R., Ito, T., Nagata, K., Horikoshi, M. and Yokoyama, K. K. (2006) **Regulation of histone acetylation and nucleosome assembly by transcription factor JDP2.** Nat Struct Mol Biol

Frazia Hussain **01 CIS** Date **fredag 28. 04**

Dean, A. (2006) **On a chromosome far, far away: LCRs and gene expression.** Trends Genet 22, 38-45

Camilla Holm Jørgensen **05 KROMATIN** Date **fredag 05. 05**

Metzger, E., Wissmann, M., Yin, N., Muller, J. M., Schneider, R., Peters, A. H., Gunther, T., Buettner, R. and Schule, R. (2005) **LSD1 demethylates repressive histone marks to promote androgen-receptor-dependent transcription.** Nature 437, 436-439

Eili Tranheim Kase **07 REPRESJON** Date **mandag 08. 05**

Schramke, V., Sheedy, D. M., Denli, A. M., Bonila, C., Ekwall, K., Hannon, G. J. and Allshire, R. C. (2005) **RNA-interference-directed chromatin modification coupled to RNA polymerase II transcription.** Nature 435, 1275-1279

Articles for presentation

First name

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Topic

Henok

Kassahun

18 p53

Date **fredag 12. 05**

Moumen, A., Masterson, P., O'Connor, M. J. and Jackson, S. P. (2005) **hnRNP K: an HDM2 target and transcriptional coactivator of p53 in response to DNA damage**. Cell 123, 1065-1078

Eileen Holm

Klavenes

13 bZIP HLH

Date **onsdag 10. 05**

Cheng, A. S., Jin, V. X., Fan, M., Smith, L. T., Liyanarachchi, S., Yan, P. S., Leu, Y. W., Chan, M. W., Plass, C., Nephew, K. P., Davuluri, R. V. and Huang, T. H. (2006) **Combinatorial analysis of transcription factor partners reveals recruitment of c-MYC to estrogen receptor-alpha responsive promoters**. Mol Cell 21, 393-404

Ingvild Paur

Knudsen

05 KROMATIN

Date **fredag 05. 05**

Flanagan, J. F., Mi, L. Z., Chruszcz, M., Cymborowski, M., Clines, K. L., Kim, Y., Minor, W., Rastinejad, F. and Khorasanizadeh, S. (2005) **Double chromodomains cooperate to recognize the methylated histone H3 tail**. Nature 438, 1181-1185

Wenche

Kristiansen

09 UBI SUMO

Date **mandag 08. 05**

Pascual, G., Fong, A. L., Ogawa, S., Gamliel, A., Li, A. C., Perissi, V., Rose, D. W., Willson, T. M., Rosenfeld, M. G. and Glass, C. K. (2005) **A SUMOylation-dependent pathway mediates transrepression of inflammatory response genes by PPAR-gamma**. Nature 437, 759-763

Heidi

Kvaløy

01 CIS

Date **onsdag 26. 04**

Vavouri, T. and Elgar, G. (2005) **Prediction of cis-regulatory elements using binding site matrices--the successes, the failures and the reasons for both**. Curr Opin Genet Dev 15, 395-402

Timothy J

Lavelle

07 REPRESJON

Date **fredag 05. 05**

Hirota, T., Lipp, J. J., Toh, B. H. and Peters, J. M. (2005) **Histone H3 serine 10 phosphorylation by Aurora B causes HPI dissociation from heterochromatin**. Nature 438, 1176-1180

Melinda

Lillesand

07 REPRESJON

Date **fredag 05. 05**

Fischle, W., Tseng, B. S., Dormann, H. L., Ueberheide, B. M., Garcia, B. A., Shabanowitz, J., Hunt, D. F., Funabiki, H. and Allis, C. D. (2005) **Regulation of HPI-chromatin binding by histone H3 methylation and phosphorylation**. Nature 438, 1116-1122

Helge

Lind

18 p53

Date **fredag 12. 05**

Gomes, N. P., Bjerke, G., Llorente, B., Szostek, S. A., Emerson, B. M. and Espinosa, J. M. (2006) **Gene-specific requirement for P-TEFb activity and RNA polymerase II phosphorylation within the p53 transcriptional program**. Genes Dev 20, 601-612

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Topic

Per-Bjarne

Mikalsen

08 ELONG

Date **mandag 08. 05**

Zhang, Z. and Gilmour, D. S. (2006) **Pcf11 is a termination factor in Drosophila that dismantles the elongation complex by bridging the CTD of RNA polymerase II to the nascent transcript.** Mol Cell 21, 65-74

NgaTran

Nguyen

03 GTF

Date **fredag 28. 04**

Szutorisz, H., Dillon, N. and Tora, L. (2005) **The role of enhancers as centres for general transcription factor recruitment.** Trends Biochem Sci 30, 593-599

Linn Kristin

Pettersen

01 CIS

Date **fredag 28. 04**

Deng, W. and Roberts, S. G. (2005) **A core promoter element downstream of the TATA box that is recognized by TFIIB.** Genes Dev 19, 2418-2423

Zaheer

Rana

05 KROMATIN

Date **fredag 05. 05**

Lee, M. G., Wynder, C., Cooch, N. and Shiekhhattar, R. (2005) **An essential role for CoREST in nucleosomal histone 3 lysine 4 demethylation.** Nature 437, 432-435

Anniken Eirin Roppen

15 NR

Date **onsdag 10. 05**

Carroll, J. S., Liu, X. S., Brodsky, A. S., Li, W., Meyer, C. A., Szary, A. J., Eeckhoutte, J., Shao, W., Hestermann, E. V., Geistlinger, T. R., Fox, E. A., Silver, P. A. and Brown, M. (2005) **Chromosome-wide mapping of estrogen receptor binding reveals long-range regulation requiring the forkhead protein FoxA1.** Cell 122, 33-43

Gro Elise

Rødland

16 STAT SMAD

Date **onsdag 10. 05**

Yuan, Z. L., Guan, Y. J., Chatterjee, D. and Chin, Y. E. (2005) **Stat3 dimerization regulated by reversible acetylation of a single lysine residue.** Science 307, 269-273

Ellen

Røyrvik

18 p53

Date **fredag 12. 05**

Bourdon, J. C., Fernandes, K., Murray-Zmijewski, F., Liu, G., Diot, A., Xirodimas, D. P., Saville, M. K. and Lane, D. P. (2005) **p53 isoforms can regulate p53 transcriptional activity.** Genes Dev 19, 2122-2137

Ana

Slipicevic

12 ZNF

Date **mandag 08. 05**

Liew, C. K., Simpson, R. J., Kwan, A. H., Crofts, L. A., Loughlin, F. E., Matthews, J. M., Crossley, M. and Mackay, J. P. (2005) **Zinc fingers as protein recognition motifs: structural basis for the GATA-1/friend of GATA interaction.** Proc Natl Acad Sci U S A 102, 583-588

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Benedicte

Stavik

17 Rb

Date **fredag 12. 05**

Rubin, S. M., Gall, A. L., Zheng, N. and Pavletich, N. P. (2005) **Structure of the Rb C-terminal domain bound to E2F1-DP1: a mechanism for phosphorylation-induced E2F release.** Cell 123, 1093-1106

Lars Christian Stene

14 NFkB

Date **onsdag 10. 05**

Tergaonkar, V., Correa, R. G., Ikawa, M. and Verma, I. M. (2005) **Distinct roles of IkappaB proteins in regulating constitutive NF-kappaB activity.** Nat Cell Biol 7, 921-923

Kirsten

Sørensen

13 bZIP HLH

Date **onsdag 10. 05**

Adhikary, S., Marinoni, F., Hock, A., Hulleman, E., Popov, N., Beier, R., Bernard, S., Quarto, M., Capra, M., Goettig, S., Kogel, U., Scheffner, M., Helin, K. and Eilers, M. (2005) **The ubiquitin ligase HectH9 regulates transcriptional activation by Myc and is essential for tumor cell proliferation.** Cell 123, 409-421

Linn

Wilhelmsen

05 KROMATIN

Date **onsdag 03. 05**

Yamane, K., Toumazou, C., Tsukada, Y. I., Erdjument-Bromage, H., Tempst, P., Wong, J. and Zhang, Y. (2006) **JHDM2A, a JmjC-Containing H3K9 Demethylase, Facilitates Transcription Activation by Androgen Receptor.** Cell

Susanne

Windju

07 REPRESJON

Date **mandag 08. 05**

Kato, H., Goto, D. B., Martienssen, R. A., Urano, T., Furukawa, K. and Murakami, Y. (2005) **RNA polymerase II is required for RNAi-dependent heterochromatin assembly.** Science 309, 467-469

Kristina

Zarins

18 p53

Date **fredag 12. 05**

Fritatt - Har hatt fremleggelse i fjor