

# Articles for presentation

First name

Family name

Topic

**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

**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

**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

**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

**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

**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

**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

# Articles for presentation

First name

Family name

Topic

**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

**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

**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**

**Bjerkan**

**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

**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

**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

**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

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First name

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**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

**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

**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

**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

**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

**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

**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

**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

Family name

Topic

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

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

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

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

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

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

Lars Christian Stene

14 NFkB

Date onsdag 10. 05

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

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First name

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**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

**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

**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

**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

**Kristina**

**Zarins**

**18 p53**

Date **fredag 12. 05**

Fritatt - Har hatt fremleggelse i fjor

**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