Program-at-a-Glance

Day 1 – Sunday, June 9th
15:00-19:00  Registration
18:30-20:30  Welcoming Reception and Dinner

Day 2 – Monday, June 10th – Victoria Ballroom
8:45-9:00  Opening remarks – Torsten Wiesel, HFSP Secretary General
           Welcoming address – Arthur Carty, President, National Research Council Canada
9:00-10:40  Presentations
10:40  Coffee
11:10-12:10  Presentations
12:30-13:30  Lunch
14:00-16:00  Poster session
16:00-18:00  Chalkboard sessions
18:00  Plenary Lecture

Day 3 – Tuesday, June 11th
9:00-10:40  Presentations
10:40  Coffee
11:10-12:30  Presentations
12:30  Lunch and free afternoon
18:15  Shuttle bus departure
18:30  Reception / Dinner at the Canadian Museum of Civilization

Day 4 – Wednesday, June 12th
9:00-10:40  Presentations
10:40  Coffee
11:10-12:30  Presentations
12:30-13:30  Lunch
14:00-16:00  Poster session
16:00-18:00  Chalkboard sessions
18:00  Plenary Lecture
19:00  Farewell reception
Program

Sunday, June 9th
15:00-19:00  Registration – Marriott Hotel, Second Floor
18:30-20:30  Welcoming Reception and Dinner – Victoria North Ballroom, Second Floor

Monday, June 10th
8:45-9:00  Opening remarks – Torsten Wiesel, HFSP Secretary General
            Welcoming address – Arthur Carty, President, National Research Council Canada
9:00  Molecular analysis of the segmentation clock in vertebrates and invertebrates
            Pourquié, O., Ish-Horowicz D., Niehrs, C., Patel, N.
9:20  Four dimensional receptor tyrosine kinase signaling during mouse development
            Corson, L.B., and Rossant, J.
9:40  Protein tyrosine phosphatase 1B as a negative regulator of growth hormone
            signaling by controlling JAK2 dephosphorylation
            Gu, F., Dubé, N., Boisclair, Y.R., Tremblay, M.L.
10:00  Developmental origins of hematopoietic stem cells
            Dzierzak, E., Orelio, C., de Bruijn, M., Ma, X., Robin, C., Peeters, M.,
            Oostendorp, O., Patient, R., Hara, T., Keller, G., Charbord, P. and Peault, B.
10:20  Developmental biology of color polymorphisms in butterfly wing patterns
            Cieslak, A., Collins, S., Heckel, D.G., Nijhout, H.F., Sekimura, T., Vane-Wright, R.I.,
            Vogler, A.P.
10:40  Coffee – Ballroom Foyer
11:10  Molecular misreading and cellular quality control in Alzheimer’s disease
            M., Verhaagen, J. and van Leeuwen, F.W.
11:30  Early transcription regulation of Drosophila primordial germ cells
            Martinho, R.G., Kunwar, P., Lehmann, R.
11:50  Direct DNA targets and Chromatin profiling for the Drosophila dMyc transcriptional network using tethered Dam methyltransferase (Dam-ID)
            Orian, A., Van Steensel, B., Loo, L., Henikoff, L., Delrow, J., Parkhurst, S.M., and
            Eisenman, R.N.
12:10  Novel small RNA-encoding genes in the intergenic regions of Escherichia coli
            Wagner, E.G.H., Altuvia, S., Margalit, H., Argaman, L., Hershberg, R., Vogel, J.
            and Bejerano, G.
12:30-13:30  Lunch – Merlot Restaurant, 28th Floor
14:00-16:00  Poster session – Victoria South/Alta Vista
16:00-18:00 Chalkboard sessions:
#1 Developmental Genetics (Chair: Paul Lasko) Capital/Carleton Rooms
#2 Structural Biology (Chair: Emil Pai) Dalhousie Room
#3 Cellular and Molecular Neuroscience (Chair: Gill Bates) Rideau Room
#4 Gene Expression and Regulation (Chair: Gerhart Wagner) Wellington Room

18:00 Plenary Lecture – Victoria North Ballroom
Ion Channels – Lecturer: Rod MacKinnon

Tuesday, June 11th
9:00 Understanding corticogenesis through the analysis of genes involved in neuronal migration disorders
Chelly, J., Francis, F., Friocourt, G., Orly Reiner, O., McConnell, S.K., Schaar, B.S.

9:20 Design and testing of rational therapeutic approaches for Huntington’s disease
Bates, G.P., Apostol, B.L., Bodai, L., Dröge, A., Engelman, S., Göhler, H.,
Hockly, E., Kazantsev, A., Mahal, A. Pallos, J., Slepko, N., Smith, D., Steffan, J.S.,
Woodman, B., Housman, D., Marsh, J.L., Davies, S.W., Wanker, E. E. and
Thompson, L. M.

9:40 Reconstitution of the spliceosome’s U1 snRNP from all recombinant subunits:
dissection of interacting subunits and study of their provisional stability by
electrospray Q-tof mass-spectrometry

10:00 The Nova-2 paraneoplastic neurologic disease antigen is necessary for survival in
the mouse and regulates RNA splicing in neurons.
Ruggiu, M., Zhong, R, and Darnell, R.B.

10:20 Study of the function of nuclear receptors in the mouse through conditional
somatic mutagenesis
Desvergne, B., Metzger, D., Chambon, P., Samarut, J., Kato, S., Ichinose, H.,
Wahl, W.

10:40 Coffee – Ballroom Foyer

11:10 Heparan -proteoglycan dependent axon branching induced by the Kallmann
syndrome gene kal-1
Buelow, H., Berry, K., Soussi-Yanicostas, N., Hardelin, J.P., Topper, L., Peles, E.,
Petit, C. and Hobert, O.

11:30 Prediction and design of protein protein interactions
Kortemme, T., Baker, D.

11:50 A distinct pathway remodels mitochondrial cristae and mobilizes cytochrome C
during apoptosis
Scorrano, L., Ashiya, M., Buttle, K., Weiler, S., Oakes, S.A., Mannella, C.A., and
Korsmeyer, S.J.
12:10  Importation of RNA into mitochondria: mechanisms and biomedical significance
Tarassov, I., Entelis, N., O., Rubio, M.A.T, Kolesnikova, Kaneko, T., Kapushoc, S.T.,
Watanabe; Pesant,G., K., Steinberg, S., Aphsizhev, R., Martin, R., Suzuki, T.,
Alfonzo, J.A., Simpson, L.

12:30  Lunch and free afternoon – Merlot Restaurant, 28th Floor

18:15  Shuttle bus departures to the Canadian Museum of Civilization leave from the
Marriott Hotel lobby

18:30  Reception / Dinner at the Canadian Museum of Civilization
Guest Speakers:
Tom Brzustowski, President, Natural Sciences and Engineering Research Council
of Canada (NSERC)
Alan Bernstein, President, Canadian Institutes of Health Research

Wednesday, June 12th

9:00  Language and the Infant Brain
Kuhl, P.K.

9:20  Targets of homeobox genes in the nematode C.elegans
Eizinger, A., and Kim, S.K.

9:40  Replication and protection of chromosome ends
Cooper, J.P., Cech, T.R., Hiraoka, Y., Lingner, J.

10:00  Establishment of asymmetric division in B. subtilis
Ben-Yehuda, S., and Losick, R.

10:20  Internal models for multiple tasks in sensorimotor controls
Kalaska, J., Wolpert, D., Lemon, R., Kawato, M., Kitazawa, S., Flanagan, R.

10:40  Coffee – Ballroom Foyer

11:10  A WAVE1-complex mediates actin nucleation by Rac1 and NCK
Eden, S., Rohatgi, R., Podtelejnikov, A.V., Mann, M. and Kirschner, M.

11:30  Cell movements during gastrulation are dependent on the ARID gene, dril.
Callery, E.M., and Thomsen, G.H.

11:50  Regulation of developmental gene expression by chromatin –mediated
mechanisms.
Rupp, R.A.W., Wolff, A.P., Otte, A.P.

12:10  Transcription-Associated Recombination (TAR)
Wahls, W.P., Aguilera, A., and Ohta, K.

12:30-13:30  Lunch – Merlot Restaurant, 28th Floor

14:00-16:00  Poster session – Victoria South/Alta Vista
14:00-16:00  Poster session – Victoria South/Alta Vista

16:00-18:00  Chalkboard sessions:
#1  Developmental Cell Biology (Chair: Janet Rossant)  Capital/Carleton Rooms
#2  Systems and Cognitive Neuroscience (Chair: John Kalaska)  Dalhousie Room
#3  Cell Signalling (Chair: NN)  Rideau Room
#4  Chromosomes (Chair: Ralf Rupp)  Wellington Room

18:00  **Plenary Lecture** – Victoria North Ballroom
Protein synthesis, proteolysis, and the control of cell cycle transitions
Lecturer: Tim Hunt

19:00  Farewell reception – Mackenzie Room, 28th Floor