

Targeting Replication and Integration of HIV

Fourth General Assembly and Open Symposium

In collaboration with
the Belgian Society of Biochemistry and Molecular Biology

June 11-12, 2007

Convent van Chièvres

Groot Begijnhof - Benedenstraat 39 – Leuven

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TRIOH

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Belgian Society of Biochemistry and Molecular Biology

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Program

All lectures will take place in the Willem Van Croy Room
in the Convent van Chièvres

Monday, June 11, 2007

8.15–9.00	COFFEE AND SNACK, Cousture Room
9.00-9.15	Opening Marc Vervenne Rector Katholieke Universiteit Leuven, Belgium
9.15-9.45	The TRIOH project and major achievements with focus on HIV integrase Myriam Witvrouw, TRIOH Coordinator Laboratory for Molecular Virology and Drug Discovery, K U Leuven, Belgium
9.45-10.45	Host genetic factors in HIV infection in Africa Thumbi Ndung'u University of Kwazulu Natal, South Africa
10.45-11.15	COFFEE, Cousture Room
11.15-11.45	HIV entry and virus coreceptor switch Jose A Esté Hospital Germans Trias i Pujol, Badalona, Spain
11.45-12.15	Progress towards an HIV-susceptible transgenic rat model - challenges and promises Oliver T Keppler University of Heidelberg, Heidelberg, Germany
12.15-12.45	Towards the development of new anti-HIV drugs targeting the viral proteins NC Jean-Luc Darlix LaboRetro, Dept. of Human Virology, ENS de Lyon, France
12.45-14.30	LUNCH, Faculty Club - Infirmierie
14.30-15.00	Chaperoning and zinc binding properties of NCp7: mechanisms and targeting Yves Mely Université Louis Pasteur, Strasbourg, France

15.00-15.30	Summary of the main results concerning polymerase and/or RNase inhibitors
	Jaume Vilarrasa & Giovanni Maga
	University of Barcelona, Spain and Istituto di Genetica Molecolare, Pavia, Italy
15.30-16.00	Small Molecule Inhibitors Targeting HIV-1 Reverse Transcriptase Dimerization
	Tobias Restle
	Universitätsklinikum Schleswig-Holstein, Campus Lübeck, Germany
16.00-16.30	COFFEE, Cousture Room
16.30-17.00	Adapting the HIV-1 integrase to NMR: unite and conquer? NMR studies of the HIV-1 integrase
	Rob N. de Jong and Rob Kaptein
	Utrecht University, Bijvoet Center for Biomolecular Research, the Netherlands
17.00-17.30	Investigation of the HIV-1 integrase interactor LEDGF/p75 with fluorescence cross-correlation spectroscopy
	Yves Engelborghs
	Department of Chemistry, Laboratory of Biomolecular Dynamics, K U Leuven, Belgium
20.00	Invited Dinner for TRIOH participants and invited speakers

Tuesday, June 12, 2007

9.00-9.50	Acyclic nucleoside phosphonates as antiviral agents
	Erik De Clercq
	Rega Institute, K U Leuven
9.50-10.40	15 years of NNRTI research: how scientists resist the viral escape
	Piet Wigerinck
	Tibotec, Mechelen, Belgium
10.40-11.10	COFFEE, Cousture Room
11.10-12.00	Discovery of novel HIV-1 Integrase Inhibitors: a multidisciplinary approach
	Letizia Barreca
	Università degli Studi di Messina, Messina, Italy

12.00-12.50	TRIM5 and HIV-1 Restriction
	Jeremy Luban
	Institute for Research in Biomedicine, Bellinzona
12.50-14.00	LUNCH, Faculty Club - Infirmierie
14.00-15.30	Poster Session, M.M. van Hamaele room
15.30-16.20	Interaction of HIV-1 with cellular chromatin: a molecular and optical study
	Anna Cereseto
	Scuola Normale Superiore, Pisa, Italy
16.20-17.10	LEDGF/p75 is a novel cofactor of HIV and a novel target for antiretroviral therapy
	Zeger Debyser
	Laboratory for Molecular Virology and Gene Therapy, K U Leuven, Belgium
17.10-17.30	Closing remarks - TRIOH Training Awards
	Myriam Witvrouw , TRIOH Coordinator
	Laboratory for Molecular Virology and Drug Discovery, K U Leuven, Belgium
17.30	FAREWELL DRINK, Cousture Room