



INTERNATIONAL
SYMPOSIUM

October
23-25
2017

www.irht-symposium.com

2nd Announcement

« CD34+ AND OTHER STEM CELL PROMISES:
KEY TO PLURIPOTENT CLINICAL APPLICATIONS »

MULHOUSE - FRANCE



Organized by
« Institut de Recherche en Hématologie et Transplantation »

Crédit image : Frédéric Broyer

AIMS OF THE SYMPOSIUM

Stem cells promises have open the way to better knowledges and new therapeutic options for a large variety of diseases which cannot be cured up to now. Regenerative medicine is the most recent and emerging branch of medical science dealing with the hope to structurally and functionally repair damaged tissues or organs. Hopefully, this will help to provide breakthrough therapies to patients suffering from severe organic injuries or chronic diseases for which current therapies are inadequate.

The bone marrow and the umbilical cord blood are rich sources of stem cells, mainly CD34+ cells, including both Very Small Embryonic Like (VSEL) stem cells and Hematopoietic Stem Cells (HSC), but also Mesenchymal Stem Cells (MSC). Study of their genetic or acquired defaults and their use in regenerative medicine are already widely ongoing.

The ambitious goal of this symposium, geographically located in the centre part of Europe, aspires to concentrate over 3 days researchers working on stem cells, coming from these various horizons and concerned in basic as well as in clinical research.

Even if some of the sessions will be specific, most of them will be organized according to main themes (pluripotent stem cells, CD34+ cells and their different sub-populations) and will therefore mix both fundamental and clinical applications to make an inventory of ongoing research in these fields.

We hope that this kind of brain storming meeting will, at short term, lead to fructuous collaborations and contribute to a rapid development of Regenerative Medicine, which, in our mind, is actually a conceptual revolution in the therapeutic approach of many diseases presently incurable

This symposium, being also my retirement meeting, will represent both the continuation and the full stop of the first meetings dedicated to peripheral blood stem cells we organized in Mulhouse in 1989 and 1991, which largely contributed to worldwide spreading of their knowledge



Ph. HENON

MAIN TOPICS

- **Adult and Umbilical cord blood Stem Cells (hematopoietic, Very Small Embryonic Like, mesenchymal)**
- **Blood Stem Cells Differentiation and Diseases**
- **Regenerative Medicine**

CONFIRMED SPEAKERS

- **Pr. Nader G. ABRAHAM**, Ph. D., Dr. H.C., New York Medical College, New York, NY, USA
- **Dr. Tauseef AHMED**, M. D., Westchester Medical Center and New York Medical College, Valhalla, NY, USA
- **Dr Anne ARIES**, Ph. D., Institut de Recherche en Hématologie et Transplantation, Mulhouse, France
- **Dr Romain BARBET**, Ph. D., Institut de Recherche en Hématologie et Transplantation, Mulhouse, France
- **Dr. Deepa BHARTIYA**, M. Sc, Ph. D., National Institute for Research in Reproductive Health (NIRRH), Mumbai, India
- **Pr. Curt CIVIN**, M. D., University of Maryland School of Medicine, Baltimore, MD, USA
- **Dr. Anthony CRIQUET**, M.D., Cellprothera, Mulhouse, France
- **Pr. Luc DOUAY**, M. D., Ph. D., Université Pierre et Marie Curie-Paris, Centre de Recherches Saint Antoine (UMR_S938), Paris, France
- **Pr. Michaela FONTENAY**, M. D., Ph. D., Inserm U1016 - CNRS UMR8104 - Université Paris Descartes Groupe Hospitalier Cochin, Paris, France
- **Dr. Robert P. GALE**, M. D., Ph. D., Haematology Research Centre, Division of Experimental Medicine, Department of Medicine, Imperial College London, London, UK
- **Pr. Eva HELLSTRÖM LINDBERG**, M. D., Ph. D., Karolinska Institutet and Karolinska University Hospital, Stockholm, Sweden
- **Dr Rachid LAHLIL**, Ph. D., Institut de Recherche en Hématologie et Transplantation, Mulhouse, France
- **Dr. Douglas LOSORDO**, M. D., Clinical Professor of Medicine, New York University, New York, NY, USA
- **Dr. Mona NEMER**, Ph. D., University of Ottawa, Ottawa, Canada
- **Dr. Marc RAAIJMAKERS**, M. D., Ph. D., Erasmus MC Cancer Institute, Rotterdam, the Netherlands
- **Pr. Mariusz RATAJCZAK**, M. D., Ph. D., James Graham Brown Cancer Center, University of Louisville, Louisville, KY, USA
- **Pr. Denis Claude ROY**, M. D., Centre de recherche de l'Hôpital Maisonneuve-Rosemont, Montréal, Canada
- **Dr Claire SAUCOURT**, Ph. D., Cellprothera, Mulhouse, France
- **Pr. David SMADJA**, PU-PH, Université Paris Descartes, Inserm UMR-S1140, AP-HP, European Georges Pompidou Hospital, Paris, France

PRELIMINARY PROGRAM

MONDAY, OCTOBER 23TH

MORNING 9.00- 12.00

Inaugural Lecture - "CD34 Wars"

Pr. Curt CIVIN., M.D.,

University of Maryland School of Medicine, Baltimore, MD, USA

Plenary Session:

Very Small Embryonic Like Stem Cells (VSELs)

"Novel view on adult stem cell compartment"

Pr. Mariusz RATAJCZAK, M.D., Ph. D.,

James Graham Brown Cancer Center, University of Louisville, Louisville, KY, USA Ratajczak M.Z

"Endogenous, Pluripotent VSELs Survive and Can Regenerate Non-functional Gonads: Paradigm Shift for Oncofertility"

Dr. Deepa BHARTIYA, M. Sc, Ph. D.,

National Institute for Research in Reproductive Health (NIRRH), Mumbai, India

"From Very small embryonic like stem cells to endothelial progenitor cells: which is the best vasculogenic stem cell in adult?"

Pr. David SMADJA, PU-PH,

Université Paris Descartes, Inserm UMR-S1140, AP-HP, European Georges Pompidou Hospital, Paris, France

"Ex vivo expansion and pluripotential differentiation of umbilical cord blood VSELs"

Dr. Rachid LAHLIL, Ph. D.,

IRHT, Mulhouse, France

MONDAY, OCTOBER 23TH

AFTERNOON 14.00 - 17.30

Plenary Session:
Myelodysplastic Syndrome (MDS)

"Myelodysplastic syndromes shake up the hematopoietic cells hierarchy's"

Pr. Michaela FONTENAY, M.D., Ph.D.,

Inserm U1016 - CNRS UMR8104 - Université Paris Descartes Groupe Hospitalier Cochin, Paris, France

«From hemopoietic stem cells to terminal erythropoiesis in SF3B1 mutated MDS with ringsideroblasts»

Pr. Eva HELLSTRÖM LINDBERG, M. D., Ph. D.,

Karolinska Institutet and Karolinska University Hospital, Stockholm, Sweden

"Stem cell niches, inflammation and leukemogenesis"

Dr. Marc RAAIJMAKERS, M.D., Ph.D.,

Erasmus MC Cancer Institute, Rotterdam, the Netherlands

"Is Mesenchymal Inflammatory Status Driving the Hematopoietic Stem Cells Future?"

Dr. Romain BARBET, Ph. D.,

IRHT, Mulhouse, France

TUESDAY, OCTOBER 24TH

MORNING 09.00 - 12.00

Plenary Session:
Preclinical Cardiac Study

"Cardiac Regeneration"

Dr. Mona NEMER, Ph.D.,

University of Ottawa, Ottawa, Canada

"Differentiation Potential of Human CD34+ Cells into Cardiac Lineage"

Dr. Anne ARIES, Ph. D.,

IRHT, Mulhouse, France

Other speakers to be confirmed

PRELIMINARY PROGRAM

TUESDAY, OCTOBER 24TH

AFTERNOON 14.00 - 17.30

**Plenary Session:
CD34+ Expansion and Large Scale Production**

“Design and validation of a GMP manufacture process for the production of clinical-grade peripheral blood-derived CD34+ cells for intra myocardial therapy after myocardial infarct”

Dr Claire SAUCOURT, Ph. D.,
Cellprothera, Mulhouse, France

“Improving umbilical cord stem cell transplantation with UM171”

Guy SAUVAGEAU work
by Denis-Claude ROY or Sandra COHEN,
Institut de Recherche en Immunologie et en Cancérologie (IRIC), Université de Montréal, Montréal, Canada

“Use of Peripheral blood CD34 expansion for treatment of the infarcted heart, improving left function and survival”

Pr. Nader G. ABRAHAM, Ph.D., Dr. H.C.,
New York Medical College, New York, NY, USA

“Large-scale production of red blood cells from stem cells: where are we?”

Pr. Luc DOUAY, M.D., Ph.D.,
Université Pierre et Marie Curie-Paris, Centre de Recherches Saint Antoine (UMR_S938), Paris, France

GALA DINNER

WEDNESDAY, OCTOBER 25TH

MORNING 09.00 - 12.00

**Plenary Session:
CD34+ Clinical Applications**

“Does an elephant need more CD34+ cells than a human? ”

Dr. Robert P. GALE, M.D., Ph. D.,
Haematology Research Centre, Division of Experimental Medicine, Department of Medicine, Imperial College London, London, UK

“Generating anti-leukemia cells without causing GVHD: mission possible”

Pr. Denis Claude ROY, MD,
Centre de recherche de l'Hôpital Maisonneuve-Rosemont, Montréal, Canada

”Excellent protocol in Acute Myocardial Infarct”

Dr. Antony CRIQUET, M.D.
Cellprothera, Mulhouse, France

“The cardiovascular CD34 clinical studies”

Dr. Douglas LOSORDO, M.D.,
Clinical Professor of Medicine, New York University, New York, NY, USA

“The Valhalla experience High dose therapy and ASCT for myeloma and beyond”

Dr. Tauseef AHMED, MD,
Westchester Medical Center and New York Medical College, Valhalla, NY, USA



REGISTRATION

Registration Fees:

Global Access :

Early Registration (Until August 31, 2017)	€ 450
Regular Registration (From September 1, 2017)	€ 500
Student Registration (you will have to justify your student status)	€ 300

One day Registration :

October 23	€ 200
October 24	€ 200
October 24 + Gala Dinner	€ 300
October 25	€ 200

To register for the Symposium and the social program :

1. Online Registration :

You can also register on line:

<https://www.weezevent.com/irht-symposium-international>



2. Offline Registration :

Please complete the enclosed registration form (Form A) and return it to:

Administrative Secretariat
IRHT - Hôpital du Hasenrain
87 avenue d'Altkirch - 68100 MULHOUSE, FRANCE
Phone: +33 (0)3 89 64 74 18 - Fax: +33 (0)3 89 64 78 87
e-mail: secr-irht@ghrmsa.fr

We cannot guarantee congress documents for late i.e. on site registrations.

Conditions of payment: Please read carefully the instructions on the website.

For participants: Fees include admission to scientific sessions, technical exhibitions, congress documentation, coffee breaks and 2 lunches, Gala Dinner, bus transfers from the hotel and back for Gala Dinner, and daily pass to use tramways for transfers from hotel to the "La Filature" and back.

For accompanying persons: Fees include admission (except scientific sessions), 2 lunches and Gala Dinner.

Confirmation of Registration: Only completed registration forms and payments reaching Administrative Secretariat before September 30, 2017 will be confirmed either by e-mail, fax or mail. Past this delay, your registration will be recorded but not confirmed, proof of your payment will be requested upon your arrival on site. If not, full payment will be required on site.

Cancellation:

In case of cancellation, please fax, mail or e-mail your request to the Administrative Secretariat before September 30, 2017. All requests received prior to this date will be fully refunded, minus a 50 € processing fee. Refunds are not processed until after the conference. Substitutions are always accepted.

If you have any registration questions, please call the Administrative Secretariat: +33 (0)3 89 64 74 18.

Badges:

The admission to the scientific sessions, the exhibition and the social program will be submitted to presentation of a badge given by the registration desk to each participant.

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Mulhouse (Alsace) France - October 23-25, 2017

First Name/Name :	_____	I intend to register for the meeting* : Yes <input type="checkbox"/> No <input type="checkbox"/>
Title :	_____	Other people interested :
Hospital / Institute :	_____	(please indicate names and addresses)
Street / N° :	_____	_____
P.O. Box :	_____	_____
Town :	_____	_____
Country :	_____	_____

To send to :

INSTITUT DE RECHERCHE EN HEMATOLOGIE
ET TRANSPLANTATION (IRHT)

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87 avenue d'Altkirch
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Tél. : 33 (0)3 89 64 74 18
Fax :33 (0)3 89 64 78 87
e-mail : secr-irht@ghrmsa.fr

WWW.IRHT.FR



GENERAL INFORMATION

Venue to the Symposium:

The Symposium will be held in the « LA FILATURE » 20 Allée Nathan Katz, Mulhouse, France which can be easily reached from downtown by Tramway.

Registration and General Secretariat:

On site registration will be open at the “LA FILATURE” everyday, from Monday October 23, 2017 through Wednesday October 25, 2017 at 8.00 am.

Language:

The official Symposium language will be English. There will be no simultaneous translation.

Program changes:

The organizers cannot assume liability for any changes in the program due to external or unforeseen circumstances.

Official letters of invitation:

Official letters of invitation to help overcome administrative difficulties in some countries can be sent by the Administrative Secretariat upon request. This should not, however, be construed as a financial commitment on the part of organizers.

Attendance Certificate:

Attendance Certificate will be issued by the Administrative Secretariat upon registration.

Insurance:

The organizers do not accept responsibility for individual medical, travel or personal insurance. Participants are strongly advised to take out their own personal coverage.

Technical Exhibition:

A trade exhibition of professional products and services will be held in proximity of the conference hall and will be open from 9 a.m. to 6 p.m. from Monday, October 23, 2017 through Wednesday, October 25, 2017.



GENERAL INFORMATION



Hotel Accommodation :

A list of partner hotels can be sent on request

Social Event :

Mulhouse, located in the heart of Europe, a crossroad between research and industry, offers not only brainstorming, but interesting surroundings. Wherever you go, you never lose sight of the vineyards! The reputation of the Alsatian wine together with the delicious food have been renowned long before. There are also the world famous “Cité de l’Automobile” (with, among others, a complete collection of Bugatti cars), “la Cité du Train” and “le Musée de l’Impression sur Etoffes” (printed textile museum). You will enjoy discovering them yourself or using our Travel Agency services.

Travel Information :

Mulhouse can easily be reached by car, train or plane : the International Airport of Basel-Mulhouse is located at about 25 km from Mulhouse; direct flights from and to most of the European countries; intercontinental connexions via Paris, Zurich, Frankfurt.

Necessary documents:

Except for the UE residents who only need valid identity card, most foreign visitors entering France need a valid passport, and depending on the nationality, some need visa.

Please contact the French Consulate or Embassy or any travel agency for the right information on immigration and customs regulations.

Travel:

By air: Special rates will be available from Air France (our Official Carrier) for domestic and intercontinental flights on presentation of your registration confirmation. Possibility to register directly on Air France website with a special code given on request at secr-irht@ghrmsa.fr .

Basel/Mulhouse Airport is also served by many other airlines : Lufthansa, Swiss, British Airways, Easy Jet ... from and to many European Countries. For more information, do not hesitate to get in touch with the Administrative Secretariat.

By train: The congress delegates may benefit from special discounts on round trips with the SNCF (French Railways). The discount coupons can be mailed upon request by the Administrative Secretariat

By road: Mulhouse is at the crossroad of France, Switzerland and Germany, which makes it accessible from most European Countries.





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