



## 3<sup>rd</sup> Meeting

# RESCUES 2010 Conference

“What is new in Europe in the field of regenerative medicine? “



**Date:** 8-9 November 2010

**Venue:** North East Stem Cell Institute, University of Newcastle, Newcastle upon Tyne, NE1 4EP, United Kingdom

**Organizer:** National contacts of Research Experience of Stem Cells in Europe Society (R.E.S.C.U.E.S.), a society dedicated to European stem cell science & education, [www.RESCUE-Society.org](http://www.RESCUE-Society.org)

**Contact & Conference Management:** Tel&Fax: +49-641-490-244  
[rescue.society@gmx.de](mailto:rescue.society@gmx.de), Grünbergerstr. 124, ISPI e.V.-AG Chen, D-35394 Giessen, Germany

**Local Organizers:** Karim Nayernia, Lucy Glasper and colleagues

**Abstract:** Deadline for poster presentation will be **15 October, 2010**  
 Application forms: Registration, CME, society membership, industrial exhibition, will be available at  
[www.rescue-society.org](http://www.rescue-society.org), [rescue.society@gmx.de](mailto:rescue.society@gmx.de)

**Speakers:** nominated-invited by national contacts of the society, include  
 Katarina Le Blanc, Stockholm, SE, Olle Lindvall, Lund, SE, Irving Weissmann, CA, USA

**Scientific program committee:** Daniel Aberdam (Nice, FR), Michael Pampichail (Athen, GR), Ruurd Torensma (Nijmegen, NL), Miodrag Sojkovic, (Valencia, SPN), Arnaud Scherberich (Basel, CH), Clemente Cillo (Napoli, IT), Shimon Efrat (Tel Aviv, IL), Eva Syková (Praque, CZ)

**Abstract committee:** Daniel Aberdam (Nice, FR), Daniella Crosara-Alberto (Campinas, BR), Raja Natarajan (Gent, BE), Ruurd Torensma (Nijmegen, NL), Miodrag Sojkovic, (Valencia, SN), Arnaud Scherberich (Basel, CH), Umberto Galderisi (Napolie, IT), Clemente Cillo (Napolie, IT), Shimon Efrat (Tel Aviv, IL)

**Financial-Fund raising committee:**

**Industrial - private source:** Arnaud Scherberich (Basel, CH), Eva Syková (Praque, CZ), and more

**Public funding source:** Arnaud Scherberich (Basel, CH), Clemente Cillo (Napolie, IT), Umberto Galderisi (Napolie, IT)

**Business committee:** Don Gerson (Basel-Toronto, CH-Canada), Arnaud Scherberich (Basel, CH), Eva Syková (Praque, CZ), Clemente Cillo (Napolie, IT), Umberto Galderisi (Napolie, IT), Raju Pareek (Glasgow, UK), Mariana Resnicoff (London, UK)

**Social Program committee:** Ulrich Hain (Giessen, DE), Raja Natarajan (Gent, BE), and more



## Preliminary Programme:

**Monday, 8 November 2010**

**9:00-9:30**

**Opening ceremony:** [Una Chen](#), President of RESCUES

**Music:** [Local musicians](#)

**Welcome and Introduction to the Institution:** [Chris Hutchison\\*](#) and colleagues, Co-Director of NESCI

## Scientific Programme:

**9:30-12:35**

**Embryonic stem cells**

**9.30-10:00**

ES cells for human cardiac cell therapy and cardiogenesis physiopathology

[Michel Puceat](#), Evry, France

**10:00-10:30**

ES cells as a cellular model of epithelial physiopathology

[Daniel Aberdam](#), Nice, France

**10:30-10:55** Coffee break

**10:55-11:25**

Differentiation of hESC

[Miodrag Sojkovic](#), Valencia, Spain

**11:25-11:45**

Speaker selected from abstracts

**11:45-12:35**

**Keynote speech**

Neural differentiation of hESC

[Olle Lindvall\\*](#), Lund, Sweden

**12:35 -13:30** Lunch break, Poster view, Tour GMP facility in Newcastle

GMP facility in Newcastle campus: Stem Cell Banking: Clinical grade hES cells

[Mary Herbert\\*](#) and colleagues, Newcastle, UK

**13:30 -14:15** Society member assembly and other issues :

[Una Chen](#), Giessen, Germany

**14:15 -17:30**

**Adult Stem Cells-Tissue Specific Stem Cells:**

**14:15-14:45**

Potential application of a tet-off mouse keratinocytic precursor cell line

[Una Chen](#), Giessen, Germany

**14:45-15:15**

Sperm stem cells:

[Karim Nayernia](#), Newcastle, UK

**15:15-15:45**

Epigenetics and chromatin remodeling of embryonic and tumoral stem cells  
[Eran Meshorer, Jerusalem, Israel](#)

**15:45-16:15**

Epigenetics and chromatin remodeling of embryonic and tumoral stem cells  
[Veronique Azuara, London, UK](#)

**16:15 -16.30** Coffee break**16:30-17:00**

[Speakers selected from abstracts](#)

**17:00 – 18:30**

**Public Education Program: Chair** [Mariana Resnicoff \(London, UK\)](#) and co-chair

Open to the public, free of charge, will be announced locally

**Public education with layman- understandable talks:**

-speakers and participants of the scientific programme

**18:30 – 23:00** Conference Buffet-Dinner with poster, exhibition**Tuesday, 9 November 2010****9:00-12:40**

**Mesenchymal Stem Cells (with panel discussion): Chair:** [Umberto Galderisi, Napolie, Italy](#)

**9:00-9:45****Keynote Speech:**

GVHD and mesenchymal cells

[Katarina Le Blanc\\*, Stockholm, Sweden](#)

**9:45-10:15**

Isolation, growth and differentiation of MSC – new perspectives

[Deborah Sullivan\\*, New Orleans-LO, USA:](#)

**10:15 -10:35** Coffee break**10:35-11:00**

Aging and mesenchymal stem cells

[Michael Pappmichail, Athen, Greece](#)

**11:00-11:25**

Hypoxia and MSC

[Jan Nolte\\* Sacremento-CA, USA](#)

**11:25-11:50**

Mesenchymal stem cells in wound healing

[Ruurd Torensma, Nijmegen, The Netherlands](#)

**11:50-12:15**

The biology of CD133+ cells from cord blood in culture

[Daniella Crosara-Alberto, Campinas, Brazil](#)

**12:15.12:40**



**12:40 -13:30** Lunch break, Poster award announcement

**13:30-16:15**

**Reprogramming-transdifferentiation:**

**13:30-14:15**

Cell therapy for diabetes: Stem cells, nuclear reprogramming, or islet expansion?

Shimon Efrat, Tel Aviv, Israel

**14:15-14:45**

From fat to bone, different approaches

Arnaud Scherberich, Basel, Switzerland

**14:45-15:15**

Stem cells, biomaterials and nanotechnologies in CNS injury

Eva Syková, Prague, Czech Republic

**15:15-15:45**

General: Regulatory networks define phenotypic classes of human stem cell lines

Franz-Josef Müller\*, Kiel, Germany

**15:45-16:15**

Speakers selected from abstracts

**16:15 -16.30** Coffee break

**16:30-16:45 Last-minute break through and other topics**

Speakers selected from abstracts

**16:45-17:30 Keynote speech**

Tumor Stem Cells

Irving Weissman\*, Stanford, CA, USA

**17:30 - 18:30 Concluding remarks and the future direction of stem cells in regenerative medicine 2011**

Coordinator of the 2011 conference



**Provided:**

**Membership form:** *attached or available from society webpage*

**Registration form:** *attached or available from society webpage*

**Abstract form:** *attached or available from society webpage.*

**CME credit form:** *attached or available from society webpage*

**Travel Award:** *attached or available from society webpage*

18.03.2009, 26.04.2010, 07.05.2010, 26.05.2010



**\*Speakers and chairpersons: are nominated-volunteered by national contacts (ABC country order)**

Daniella Crosara-Alberto (BR), Arnaud Scherberich, Don Gerson (CH), Eva Syková (CZ), Una Chen, Franz-Josef Müller (DE), Daniel Aberdam, Michel Puceat (FR), Michael Pappmichail (GE), Shimon Efrat, Eran Meshorer (IL), Clemente Cillo, Umberto Galderisi (IT), Ruurd Torensma (NL), Miodrag Sojkovic (SP), Katarina Le Blanc, Olle Lindvall\* (Sweden), Veronique Azuara, Karim Nayernia, Mary Herbert\*, Chris Hutchison\*, Raju Pareek, Marian Resnicoff (UK), Jan Nolte, Deborah Sullivan, Irving Weissman\* (USA) and more

**Speakers and chairpersons of 2008 Stockholm conference (ABC country order)**

Catherine Verfaillie (Belgium), Zhuqing Qu-Petersen (Denmark), Maija Castren, Kristiina Rajala -Heli Skottman (Finland), Una Chen, Ulrich Martin, Dorothea Spaube-Margit Stadler (Germany), Bernard Mahon (Ireland), Clemente Cillo, Umberto Galderisi, Cinzia Calzarossa (Italy), Ruurd Torensma (Netherlands), Katarina Le Blanc, Anders Björklund, Outi Hovatta, Pontus Blomberg, Lorenz Poellinger, Henrik Semb, Fanie Barnabé-Heider, Ian Cotgreave, Marianne Levin - Åsa Hellstadius (Sweden), Steffen Zeisberger, (Switzerland), Ian Wilmut, Karim Nayernia, Veronique Azuara, Dave Hay, Nillendran Prathalingam.-Mary Herbert (United Kingdom), Ben Bowen, Philip Vanek (USA)

**Speakers & chairpersons of 2007 Workshop (ABC country order)**

Catherine Verfaillie (Belgium), Zhuginh Petersen (Denmark), Maija Castrén (Finland), Una Chen, Klaus Cichutek, Jürgen Hescheler, Antohny Ho, Hans-Werner Mueller, Robert Oostendorp (Germany), Mariana Resnicoff (France), Shimon Efrat (Israel), Umberto Galderisi (Italy), Robert Passier, Ruurd Torensma, Lieke C.J. van den Berk, Ans van Pelt (Netherlands), Mercy Varghese (Norway), Almudena Ramon-Cueto (Spain), Andrea Banfi, Clemente Cillo, Alois Gratwohl, Ivan Martin, Nicolas Mermod, Antonius Rolink (Switzerland), Stefan Bajada, Chris Denning, Charles Hunt, Craig Taylor, Ian Wilmut (United Kingdom).