Preliminary Programme

COS Symposium:

"At the Roots of Stemness"
Evolution of regeneration mechanisms and stem cell systems

Heidelberg, Germany, July 6th, 2012

Thursday, July 5th, 2012

5.00 p.m.	"Icebreaker"	**Drinks & Posters**

Friday, July 6th, 2012

Session 1: *Arabidopsis* **– Chair: Jan Lohmann**		
8.30 a.m.		**Welcome**
8.40 a.m.	**Elliot Meyerowitz** -SLCU, Cambridge UK	Keynote - "Surprises from studies of the regeneration of stem cell niches in plants"
9.30 a.m.	**Jan Lohmann** -COS, Heidelberg, Germany	"Hormonal control of stem cell fate: lessons from plants"
10.10 a.m. Coffee Break & Posters		
Session 2: Protostomes – Chair: Bruce Edgar		
10.40 a.m.	**Volker Hartenstein** -UCLA, California, USA	"Stem cells and lineages of the intestine: a developmental and evolutionary perspective"
11.20 a.m.	**Alexa Bely** -UMD, Maryland, USA	"Evolution of annelid regeneration: pattern and process"
12.00 a.m.	**Bruce Edgar** -DKFZ, Heidelberg, Germany	"Stem cell-powered regenerative growth in the *Drosophila* intestine"
13.00 p.m Lunch		
Session 3: Basal groups – Chair: Thomas Holstein		
2.00 p.m.	**Mitsuyasu Hasebe** -NIBB, Okazaki, Japan	"Induction of a stem cell inducing factor STEMIN can change differentiated cells to pluripotent stem cells in the moss *Physcomitrella patens*"
2.40 p.m.	**Thomas Holstein** -COS, Heidelberg, Germany	"Cnidarian stem cells: On the evolution of metazoan stem cells"
3.20 p.m.	**Noriko Funayama** -KY, Kyoto, Japan	"Archeocytes and choanocytes give insight into the stem cell system of demosponges"
4.00 p.m. Coffee Break		
Session 4: Deuterostomes – Chair: Jochen Wittbrodt		
4.30 p.m.	**Jeremy Brockes** -UCL, London, UK	"Evidence for local evolution of mechanisms underlying limb regeneration in salamanders"
5.10 p.m.	**Jochen Wittbrodt** -COS, Heidelberg, Germany	"Lineage restriction and pluripotency in retinal stem cells"
5.50 p.m.		**General Discussion**
6.30 p.m.		**Drinks & Posters**

Saturday, July 7th, 2012

12.00 p.m	**Social Programme**	**Visit to local winery *Weingut Geissler***

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