

# A systematic elucidation of Differences of Sex Development

COST-Action BM1303

[www.dsdnet.eu](http://www.dsdnet.eu)

DIMEC BO



## 2nd Training School

### People with DSD

*- holistic care and research through the lifespan -*

**6 – 8 October 2016**

**Camplus Living Bononia**

**Via Sante Vincenzi, 49**

**40138 Bologna**

### Programme

**PRENATAL AGE · NEONATAL AGE · ADOLESCENT AGE · ADULT**

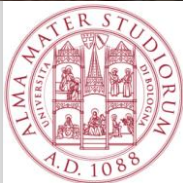


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## Welcome to the 2nd DSDnet Training School

Dear Trainers and Trainees

It is a pleasure to welcome you to the 2nd COST DSDnet Training School under the theme “People with DSD: holistic care and research through the lifespan.” The European Cooperation in Science and Technology (COST) is the longest running European framework supporting trans-national cooperation among researchers, scholars, and professionals across Europe and beyond. At this Training School we have 19 Trainers from Europe as well as 30 Trainees from 12 COST countries. Furthermore, both the Trainers and the Trainees represent very different specialties and professions, ranging from basic research to clinical scientists to psychologist. We would like to foster interaction and networking among you all in all directions.

It is our main goal to provide training in various steps from a holistic view, ranging from genetics and development to gender aspects and communication. This should lead to a truly interdisciplinary view on sex development and its variations as well as aspects of care and management and enhance discussions amongst you all. At the end we not only hope to enlighten you personally to a very special field of human science, but also to provide the basis for further interaction and collaboration among young and experienced scientists.

We wish you a very pleasant and memorable Training School and are truly looking forward to a wonderful adventure on behalf of the whole COST Action.

**Olaf Hiort**  
Action Chair

**Antonio Balsamo**  
Lead POC/Local Organizer



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## 2<sup>nd</sup> DSDnet Training School 6 – 8 October 2016, Bologna (IT)

### People with DSD - holistic care and research through the lifespan -

**Thursday, 06.10.2016**

Friday, 07.10.2016

Saturday, 08.10.2016

Terms & Conditions

Faculty

<b>08:30</b>	<b>1<sup>st</sup> day morning - PRENATAL AGE</b>		
08:30	Introduction to the school and presentation of trainers and trainees		Olaf Hiort, Antonio Balsamo, Silvano Bertelloni
09:30	Evolution of DSD care		Franco D'Albertoni
09:50	1 <sup>st</sup> and 2 <sup>nd</sup> clinical case - presented by 2 trainees with tutors		
10:20	Prenatal diagnosis: why and when		Gian Luigi Pilu
10:35	Genetic analysis before birth: indications		Laura Audi
10:50	DISCUSSION		
11:10	Break		
11:30	Discussion of the cases		
	Room 1	Room 2	Room 3
	Group 1	Group 2	Group 3
	10 trainees, chairs 1	10 trainees, chairs 2	10 trainees, chairs 3
12:30	Plenary discussion and question to the faculty		
13:00	Lunch		
<b>14:15</b>	<b>1<sup>st</sup> day afternoon – NEONATAL AGE</b>		
14:15	Next Generation Sequencing – Pros and Cons		Ken McElreavey, Laura Audi
14:55	1 <sup>st</sup> and 2 <sup>nd</sup> clinical case - presented by 2 trainees with tutors		
15:25	Clinical and imaging evaluation of genitalia at birth		Paolo Ghirri
15:40	Hormonal evaluations: which tests and when		Stefan Wudy
15:55	Sex Assignment		Olaf Hiort
16:10	DISCUSSION		
16:30	Break		
16:50	Discussion of the cases		
	Room 1	Room 2	Room 3
	Group 1	Group 2	Group 3
	10 trainees, chairs 2	10 trainees, chairs 3	10 trainees, chairs 1
17:50-18:50	Plenary discussion and question to the faculty		
19:30	Dinner "Pane e panelle"		

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<b>08:30</b>	<b>2<sup>nd</sup> day morning – ADOLESCENT AGE</b>		
08:30	How to communicate the diagnosis in time of life		Lih Mei Liao
08:50	Steroid biochemistry for the Pediatric Endocrinologists		Stefan Wudy
09:10	1 <sup>st</sup> and 2 <sup>nd</sup> clinical case - presented by 2 trainees and tutors		
09:40	Clinical presentation of DSDs in adolescence		Faisal Ahmed
09:55	Puberty induction / HRT in males		Olaf Hiort
10:10	Puberty induction / HRT in females		Anna Lauber-Biason
10:25	DISCUSSION		
10:40	Break		
11:00	Discussion of the cases		
	Room 1	Room 2	Room 3
	Group 1	Group 2	Group 3
	10 trainees, chairs 3	10 trainees, chairs 1	10 trainees, chairs 2
12:00	Plenary discussion and questions to the faculty		
12:30	Lunch		
<b>13:30</b>	<b>2<sup>nd</sup> day afternoon – ADOLESCENT AGE and transition to ADULT care</b>		
13:30	Sexuality and social relationships		Massimo Di Grazia
13:50	1 <sup>st</sup> and 2 <sup>nd</sup> clinical case - presented by 2 trainees and tutors		
14:20	– Pediatric endocrinologist		Faisal Ahmed
14:40	– Adult endocrinologist		Anna Lauber-Biason
15:00	– DISCUSSION		
15:20	Discussion of the cases		
	Room 1	Room 2	Room 3
	Group 1	Group 2	Group 3
	10 trainees, chairs 1	10 trainees, chairs 2	10 trainees, chairs 3
16:20	Break		
<b>16:30</b>	<b>New trends in DSD genital surgery</b>		
16:30	– Pediatric surgeon		Lutz Wunsch
16:50	– Gynecologist		Maria Cristina Meriggiola
17:10-17:30	– DISCUSSION		
17:30	Social Event + Dinner		

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[Terms & Conditions](#)

[Faculty](#)

<b>08:30</b>	<b>3<sup>rd</sup> day morning – ADULT</b>		
08:30	1 <sup>st</sup> and 2 <sup>nd</sup> clinical case - presented by 2 trainees and tutors		
09:00	Role of Support groups in improving clinical management and research on DSD		Martina Bollati
09:20	Fertility options		Jorma Toppari
09:40	DISCUSSION		
10:15	Break		
10:30	Discussion of the cases		
	Room 1	Room 2	Room 3
	Group 1	Group 2	Group 3
	10 trainees, chairs 2	10 trainees, chairs 3	10 trainees, chairs 1
11:30	Plenary discussion and questions to the faculty		
12:00	MEET the Expert Gonadectomy: when and why		Martine Cools
12:30	Evaluation questionnaire & closing remarks by trainers and trainees		
13:00	End of 2 <sup>nd</sup> Training School		



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<b>What is our aim?</b>	By connecting young professionals and experts from a multidisciplinary background with each other in an interactive training environment, attendees can optimize their ability to understand DSD, deliver best practice in care and identify research needs.
<b>What do we offer?</b>	Lectures by leading experts, clinical case presentations by trainees and break out sessions with case discussion in smaller groups; team building in the evening and enjoyment of the capital of Emilia-Romagna
<b>What are the topics?</b>	Holistic care and research through the lifespan: PRENATAL AGE · NEONATAL AGE · ADOLESCENT AGE · ADULT
<b>Who should apply?</b>	Professionals from COST Countries* in their early stages** of career, from a medical and a scientific background as well as representatives of family and support groups to convey the best of knowledge regarding developmental, medical, social, and also societal aspects about basics and people with DSD. A balanced representation of the various disciplines, gender and countries is aimed.
<b>What do we expect from the applicant?</b>	Active involvement in the care or research related to DSD, age < 45 yrs/ Early Career Investigator and presentation of clinical cases related to the age of diagnosis through lifespan.
<b>How is the timeline for application?</b>	Deadline for application is June 30, 2016. The Call is closed. All grant letters have been sent. Deadline for case reports is August 10, 2016. Confirmation letters about case report presentation will be sent until September 15, 2016
<b>How many trainees will be accepted?</b>	30 trainees have been invited.
<b>How do COST support the Trainees?</b>	The Training School is offered at no cost. Trainees get travel grants as COST as contribution to the overall travel, accommodation and meal expenses of the Grantee. The grants do not necessarily cover all expenses related to attending the Training School. Once accepted as trainees, they will receive a grant letter. For trainees from Italy the grant has the fixed amount of 450 €, for trainees from other COST countries 550 €. For the social program, which is mandatory for all trainees, we will collect a fee of 100 €.

\* Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Montenegro, The Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey, United Kingdom, the former Yugoslav Republic of Macedonia and as cooperating state Israel

\*\* Early Career Investigator (ECI) is a researcher within a time span of up to 8 years from the date they obtained their PhD/doctorate (full-time equivalent)

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Ahmed, Faisal	UK	University of Glasgow
Audi, Laura	ES	Vall d'Hebron Research Institute (VHIR), Barcelona
Baldazzi, Lilia	IT	S.Orsola-Malpighi Hospital, Bologna
Balsamo, Antonio	IT	University of Bologna
Berra, Marta	IT	University of Bologna
Bertelloni, Silvano	IT	University of Pisa
Cools, Martine	BE	Ghent University
D'Alberton, Franco	IT	University of Bologna
Di Grazia, Massimo	IT	IRCCS Ospedale Infantile Burlo Garofolo, Trieste
Bollati, Martina	IT	AISIA Support Group
Ghirri, Paolo	IT	University of Pisa
Hiort, Olaf	DE	University of Lübeck
Lauber-Biason, Anna	CH	University of Fribourg
Liao, Lih-Mei	UK	University College London
McElreavey, Kenneth	FR	Institute Pasteur, Paris
Meriggiola, Maria Cristina	IT	University of Bologna
Pilu, Gian Luigi	IT	University of Bologna
Toppari, Jorma	FI	University of Turku
Wudy Stefan	DE	Justus Liebig Universität, Gießen
Wünsch, Lutz	DE	University of Lübeck