Don Ostrow Trieste Yellow Retreat – Program

Thursday August, 29, 2013

Welcome and Opening Lecture (Coordinator Claudio Tiribelli, IT)

8.55 – 9:00 Claudio Tiribelli (Trieste, IT): Welcome and Introduction
9:00 - 9:45 Steven Shapiro (Kansas City, US): The Jay Donald Ostrow Lecture: “Kernicterus: From Bench to Bedside”

Biological Activities of UCB (Chair: Andres Muro, IT)

9:45 – 10:05 Libor Vitek (Prague, CZ): “Molecular basis of anticancer effects of Spirulina platensis and algal tertrapyroles”.
10:05 – 10:20 Mohamed Qaisiya (Trieste, IT): “Free Bilirubin mediated oxidative stress, ER stress, and activation of Nrf2 pathway”
10:35 – 11:00 Coffee Break
11:00 – 11:20 Jean Baptiste Le Pichon (Kansas City, US): “What are the molecular mechanisms that govern selective vulnerability in the CNS? An old problem re-examined in the light of new technologies”.
11:20 – 11:40 Giulia Bortolussi (Trieste, IT): “Understanding bilirubin-induced neurodevelopmental toxicity”
12.00 – 12.20 Luka Bockor (Trieste, IT): “Modulation of bilirubin neurotoxicity by the multidrug resistance protein 1 (Mdr1)”.
12.20 – 12:40 Discussion
12:40– 13:45 Lunch and View of the Posters

From phenotype to genetics (Chair: Libor Vitek, CZ)

13:45 – 14:05 Milan Jisra (Prague, CZ): “Molecular basis and mechanism of Rotor type hyperbilirubinemia”.
14.05 – 14.25 Doug Bittel (Kansas City, US): “Can we use Next Generation Sequencing Tools to predict vulnerability to bilirubin neurotoxicity?”
14:25 – 14:45 Jesper Padkær Petersen (Aarhus, DK): “The UGT1A1*28 allele and extreme hyperbilirubinaemia, a Danish case-control study”.

Don Ostrow Trieste Yellow Retreat - August, 29-30, 2013
14:45 – 15:05 Stefan Stender (Copenhagen, DK): "Genetically elevated bilirubin, and risk of ischemic heart disease and symptomatic gallstone disease in the general population".


15:25 – 16:00 Coffee Break

16:00 – 16:30 Henkjan J Verkade (Groningen, NL): “Optimizing exchange transfusion for acute hyperbilirubinemia – studies in the Gunn rat”.

16:30 – 17:00 Kateřina Váňová (Prague, CZ): “Protective effects of inhaled carbon monoxide in endotoxin-induced cholestasis”.

17:00 - 17:30 Claudio Tiribelli (Trieste, IT): “General discussion and Wrap up of the day”.

20:00 Dinner: Harry’s Restaurant & Cafè, Pz. Unità d’Italia, 2.
**Clinical aspects and management of hyperbilirubinemia** (Chair: Henkjan J Verkade, NL)

9:00 – 9:30 Richard Wennberg (Seattle, US): “Comparing Total Serum Bilirubin and Bilirubin/Albumin Ratio as Predictors of Bilirubin Encephalopathy”.

9:30 – 10:00 Anne Cortey (Paris, FR): “Acute bilirubin encephalopathy to kernicterus or BIND”.

10:00– 10:30 Pernille Vandborg (Aarhus, DK): “Follow-up of extreme neonatal hyperbilirubinemia in 5-10 year old children: a Danish population-based study”.

11:30 – 11:00 Coffee Break

11:00 – 11:30 Chinyere Ezeaka (Lagos, Nigeria): “Kernicterus in Nigeria”

11:30 – 11:00 Richard Wennberg (Seattle, US): “Kernicterus in Egypt”.

12:00 – 12:10 Claudio Tiribelli (Trieste, IT): “Summing up, future trends and farewell.”
**Poster Session**

Anne Cortey: “LED and fiber optic phototherapy: new developments and perspectives of use in jaundiced neonates and adults”.

Anne Cortey: “Hemolytic disease of the newborn can lead to cholestatic jaundice: why and how?”.

Anne Cortey: “Bilirubin dosage in fetus and premies: what the paediatrician should ask for or should consider?”.

Jesper Padkær Petersen: “The UGT1A1*28 allele and extreme hyperbilirubinaemia, a Danish case-control study”.

Jesper Padkær Petersen: “The UGT1A1*28 Allele and acute lymphoblastic leukemia in children, a Danish case-control study”.

Jesper Padkær Petersen: “The association between UGT1A1*28 genotypes and respiratory disease in very preterm children, a Danish cohort study”.

Jean-François Ghersi-Egea: “A platform to explore the functions of Blood-brain Interfaces in adult and developing brain”.

Others to come
**Operational Tidbits**

1. The meeting will take place at the Seminar Room of ICGEB, AREA Science Park, Padriciano, Trieste, [www.icgeb.org/how-to-reach-us.html](http://www.icgeb.org/how-to-reach-us.html)

2. Info on where AREA is located and how to get there available at [http://www.area.trieste.it/opencms/opencms/area/en/dove_en/](http://www.area.trieste.it/opencms/opencms/area/en/dove_en/)

3. Projection equipment will be provided (both PC and Mac).

4. Poster sizing: max 194cm (78.40 in) vertical x 124cm (48.8 in) horizontal.

5. Coffee Breaks and Lunch will be served.

6. Should you need help please contact TYR office ([tyr@csf.units.it](mailto:tyr@csf.units.it)) or Claudio ([ctliver@csf.units.it](mailto:ctliver@csf.units.it) or mobile phone +39 335 386939).

7. The presentation will be as informal as possible and flexibility in the time schedule will be allowed. The TYR rule is “There are no rules except scientific and human interaction”.

8. Transportation will be arranged by the public transportation system (see point #2). Bus #51 will leave from the station (Piazza Libertà, see map) at 8.15 and reach the meeting place (last stop) at 8.35. You need to buy a bus ticket and stamp upon entry the bus. Bus tickets will be available at the reception of the hotels. If necessary, you can buy the tickets at any tobacco shop. In case of need contact us. [https://maps.google.it/maps?saddr=Via+Santa+Caterina+da+Siena,+7,+Trieste,+TS&daddr=Via+Felice+Venezian,+18,+Trieste,+TS&hl=it&ie=UTF8&ll=45.652163,13.770912&spn=0.009614,0.022724&sll=45.651773,13.769581&sspn=0.009615,0.022724&geocode=FZiSuAIdzS75ACnLuECNcmt7RzGkpUhxS3IW4aMw%3BFb5GuAldcxHSACItH2fPdmt7RzGa_AiDFtYq8Q3BFuGuAld4g_SACK_88Pdmt7RzGRklYhP17b2Pg%3BF66puAldGySACK12Z623bmt7RzFpHHAkpbw%3BFZ2OuAldmBLSACEbwYWkxtZmdinJw2QbcWt7RzEbwYWkxtZmdg&oq=piazza+&dirflg=w&mra=ltm&t=m&z=16](https://maps.google.it/maps?saddr=Via+Santa+Caterina+da+Siena,+7,+Trieste,+TS&daddr=Via+Felice+Venezian,+18,+Trieste,+TS&hl=it&ie=UTF8&ll=45.652163,13.770912&spn=0.009614,0.022724&sll=45.651773,13.769581&sspn=0.009615,0.022724&geocode=FZiSuAIdzS75ACnLuECNcmt7RzGkpUhxS3IW4aMw%3BFb5GuAldcxHSACItH2fPdmt7RzGa_AiDFtYq8Q3BFuGuAld4g_SACK_88Pdmt7RzGRklYhP17b2Pg%3BF66puAldGySACK12Z623bmt7RzFpHHAkpbw%3BFZ2OuAldmBLSACEbwYWkxtZmdinJw2QbcWt7RzEbwYWkxtZmdg&oq=piazza+&dirflg=w&mra=ltm&t=m&z=16)

9. Please forward to all the young speakers/attendees not listed in this email due to lack of address.