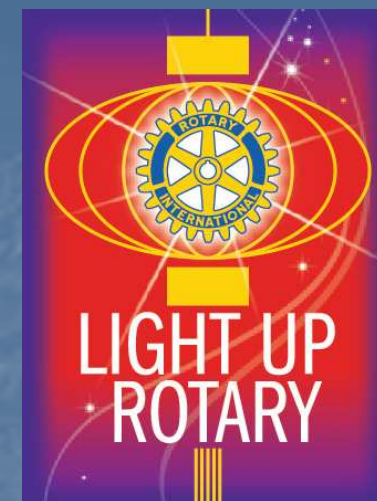


Rotary

• Distretto 2072



• Emilia Romagna - Repubblica di San Marino
Governatore 2014-2015 Ferdinando Del Sante

Livia Garavelli

- I giovani e la scienza: un Ponte per la Pace
- Progetto Malattie Genetiche Rare Pediatriche

• IDIR/SEFR

• Rimini, Palazzo dei Congressi - 20 Settembre 2014



Oggetto: Un ponte per la Pace

Cari Amici,

Nei mesi scorsi abbiamo discusso a più riprese su come dare visibilità al Rotary d'Italia. Alcuni di noi hanno proposto iniziative di vario tipo, tutte comunque più o meno onerose per le casse dei distretti.

Dopo l'Assemblea di San Diego, ho riflettuto molto su come muoverci per far conoscere alla gente l'attività del Rotary a favore dei più deboli e quindi alla promozione della Pace nel mondo. E sono giunto alla conclusione che una migliore visibilità si acquisisce realizzando una iniziativa che colpisca per la sua valenza culturale e sociale a favore dei giovani di un'area a noi vicina ma che ha sofferto e continua a soffrire le conseguenze di una guerra civile inter-etnica dopo la fine della ex Jugoslavia. Mi riferisco in particolare a **Bosnia-Herzegovina, Kosovo, Macedonia, Montenegro e Serbia.**



Penso alla concessione di 13 borse di studio annuali, una per distretto del valore di circa **33.000 USD (= 25.000 €)**, da offrire ad altrettanti neo-laureati dei 5 paesi sopra citati. Durante il prossimo anno scolastico ogni distretto ospiterebbe quindi un giovane neo-laureato scelto per seguire un corso di specializzazione presso una università della regione in cui il distretto stesso opera.

Ho chiamato questa idea **“Un ponte per la Pace”**. Quale migliore strumento per accomunare tutti i 13 distretti italiani nell'obiettivo da perseguire ma lasciando nello stesso tempo ad ognuno l'onore e l'onere della realizzazione di una parte di questa grande iniziativa?



Il 7° Multi-Club Workshop
Belgrado, 5-9 settembre 2013



A bridge for Peace **Two research scholarships**

In view of the 7th Multi-Club Workshop to be held this 5th – 9th September at Belgrade, we have thought how to cooperate in several Rotary projects for improving Peace in the Balkan Region, in particular in the countries that suffered after the end of Yugoslavia. By this project we should involve all the 99 Rotary clubs of these countries, that are Bosnia ed Herzegovina (14 club), Kosovo (11 club), Macedonia (11 club), Montenegro (6 club) and Serbia (57 club).

Thanks to the positive experience shared with Serbian Rotarians for the “Beograd Global Grant” and the incoming “New Beograd Global Grant”, **District 2072 (Emilia Romagna and Republic of San Marino)** has decided to grant 2 research scholarships (12-18 months each), one to be used at University of Bologna and another one at the University of Modena-Reggio.

1. **The research to be executed at the University of Bologna** has the following subject:

Ultrasound prediction of labor outcome in operative vaginal deliveries

The candidate to this scholarship (30.000 USD approx.) shall have the following titles:

- Medicine and Surgery (6 years) together with a satisfactory scientific and professional curriculum
- Certificate of a 2-year practice and experience in Gynecology and Obstetrics or a post-graduate trainee in Pediatrics or in Medical Genetics
- Degree of a specialized Academic Studies in Human Reproduction of a well known school of Medicine

2. **The research to be executed at the University of Modena-Reggio Emilia** has the following subject:

Clinical approach, diagnosis, treatment, follow-up and prevention of Rare and ultra-Rare Diseases in Childhood

The candidate to this scholarship (30.000 USD approx.) shall have the following titles:

- Medicine and Surgery (6 years) together with a satisfactory scientific and professional curriculum
- Admittance to the school of specialization in Pediatrics or in Medical Genetics or Certificate of a 1-year practice and experience in Pediatrics or in Medical Genetics





Global Grant Record - GG1419444

Grant Title - Clinical approach, diagnosis, treatment, follow-up and prevention of Rare and ultra-Rare Diseases in Childhood

Status - Draft

District Number 2072 (Qualified)

N.	Periodo	Progetto (oggetto)	Beneficiario	International Sponsor Club del D 2072	Local Sponsor Club del D 2483 (Serbia & Montenegro)	Importo US\$	Cash club D 2072 US\$	Cash Club D 2483 US\$	FODD D 2072
A. Progetti realizzati o in fase di realizzazione									
1	2011-2012	Beograd Global Grant <i>Analizzatore DNA per trapianto midollo osseo</i>	Istituto "Dr. Vukan Cupic" Belgrado	Ravenna + 11 club + + D 2070	Beograd Centar + 21 club del D 2483	162.000	35.000	16.000	40.000
2	2013-2014	New Beograd Global Grant <i>Color doppler per analisi del feto</i>	Istituto "Dr. Vukan Cupic" Belgrado	Bologna Valle Idice + D 2070	Beograd Centar + 10 club D 2483+Moscow Int. +Heiligendamm (D)	60.250	2.500	11.000	20.000
3	2013-2015	Scholarship Jovana <i>Borsa di studio presso il DIMEC - Osp. Sant'Orsola</i>	Dr. Jovana Krsmanovic	Bologna Nord + Forli Tre Valli + Lugo + + Ravenna + D 2072	Zrenjanin	40.000	10.000	1.000	14.200
Totale A.						262.250	47.500	28.000	74.200
B. Progetti avviati da finalizzare									
4	2014-2015	Scholarship Ivan <i>Borsa di studio presso l'Ospedale S. Maria Nuova - Reggio Emilia</i>	Dr. Ivan Ivanovski	Reggio Emilia Terra Matilde + 3 club Area Emiliana 1 + D 2072	Novi Sad Dunav	40.000	11.000	1.000	13.500
5	2014-2016	Subotica Global Grant <i>Color doppler per analisi del feto</i>	General Hospital Subotica Pediatric Department Serbia	Faenza + Bologna V. Idice + D2072 + 3 club D 2120	Subotica + 10 club del D 2483 + Heiligendamm (D)	58.000	7.300	14.500	10.000
6	2014-2016	Equipment for Pediatric Ward <i>Fornitura di attrezzature mediche</i>	Hospital Ohrid Macedonia	Bologna V. Idice + Imola + Lugo + Ravenna + Ravenna G. Placidia	Ohrid + Novi Sad Dunav + Malmoe Int. (D 2390) + D 2390 (Svezia Sud)	58.000	6.000	10.000	10.000
Totale B.						156.000	24.300	25.500	33.500
TOTALE A. + B.						418.250	71.800	53.500	107.700
C. Progetti proposti									
7	2014-2015	Super Bus Materiale per attività educative creative e sportive dei bambini	Centro Sociale Belgrado	Da definire	Beograd Centar + altri club del D 2483 + club belgi + D 2170	33.784			
8	2014-2016	"Healthy daughter today – – Happy mother tomorrow" <i>Sistema laparoscopico</i>	Family Planning Centre Belgrado	Da definire	Belgrade Metropolitan + altri club del D 2483	57.591			

Ivan Ivanovski

Home: Milutina Milankovica 48/6
Belgrade 11070
Serbia

Email: ivan.harry1987@gmail.com
692286833@telenormail.rs

Phone: +381692286833

DOB: 7.9.1987.

EDUCATION

- 10.2012. - Specialistic Academic Studies - Epidemiology - all exams passed, currently writing final thesis - "Epidemiologic characteristics of neuroblastoma, and importance of application nuclear medical procedures in diagnosis and treatment." School of Medicine, University of Belgrade
- 10.2006 - 7.2012. **Bachelor of science, Medicine - (Average grade 9,44/10)**
School of Medicine, University of Belgrade
2002. - 2006. **Secondary school**

PUBLICATIONS

1. Rovcanin B, **Ivanovski I**, Djuric O, Nikolic D, Petrovic J, Ivanovski P. Mitotic crossover - an evolutionary rudiment which promotes carcinogenesis of colorectal carcinoma. *World J Gastroenterol.* Jun 2014. (currently in print)
2. Ivanovski P, **Ivanovski I**, Nikolic D, Jovanovic I. Childhood leukemia genetic bottleneck phenomenon related to TEL-AML1: the postulation by a mathematical model. *Chin Med J (Engl).* 2012 Mar;125(6):1182-5.
3. **Ivanovski I**, Djuric O, Kozarski K, Jankovic M, Cerovic I. Etiology Of Acute Bacterial Meningitis In Serbia In Childrens Population In Period 1997/2010. 23rd European Students' Conference, Berlin. Book of Abstracts 2012. P:299.
4. **Ivanovski I**, Djuric O, Coric V, Kozarski K, Jankovic M. Hematologic characteristics of people with β heterozygous thalassemia in Serbia. *Eur J Med Res.* 2011; 16(Suppl 1): 142.
5. Ivanovski P, Nikolic D, Dimitrijevic N, **Ivanovski I**, Perisic V. Erythrocytic transglutaminase inhibition hemolysis at presentation of celiac disease. *World J Gastroenterol.* 2010 Nov 28;16(44):5647-50.
6. Coric V, **Ivanovski I**. The role of GSTM1 polymorphism in susceptibility to renal cell carcinoma. *Eur J Med Res.* 2009; 14(Suppl 2): 3.
7. Ivanovski P, Alqam M, **Ivanovski I**. Case-control studies compare "apples and pears": Proposal for a retrospective cohort study in the USA of vaccination history in relation to subsequent childhood leukemia. *Med Hypotheses.* 2008 Dec;71(6):892-6.
8. Ivanovski PI, **Ivanovski IP**, Sedlarevic R. Are xenogeneic anti-tissue transglutaminase antibodies the holy grail for celiac patients? *Med Hypotheses.* 2007;69(6):1257-60. Epub 2007 Jun 5.
9. Ivanovski PI, **Ivanovski IP**. Childhood acute lymphoblastic leukemia is triggered by the introduction of immunization against diphtheria. *Med Hypotheses.* 2007;68(2):324-7.



WORK EXPERIENCE

- 3.2013. - 2.2014. Volunteer doctor at Pediatric Clinic, Institute For Mother And Child Healthcare "dr Vukan Cupic" - Belgrade, Serbia
- 9.2012. - 2.2013. Postgraduate Clinical practice at Clinical Center Of Serbia, Belgrade
- 2009.-2012. **Student fellow**
Assisting bachelor students to comprehend histopathological slides during their regular pathology practice

SPOKEN LANGUAGES

- Mother language** Serbian
- English** Full working proficiency
- Italian** basic knowledge

TECHNICAL SKILLS

- Computer skills Microsoft Office, SPSS, Android OS

GRANTS

- October 2011 Participated in IFMSA (International federation of Medical Students' Association) exchange program. One month in Bahrain, Arabian Gulf University, Sulmaniya Medical Center, Pediatrics department
- August 2012 Participated in IFMSA (International federation of Medical Students' Association) exchange program. One month in Lebanon, American University of Beirut, American University of Beirut Medical Complex, Pediatrics department

PERSONAL INTERESTS AND HOBIES

Enjoy all sports particularly swimming, skiing, football and rollerskating. Love reading books. Spent eight years in semi professional swimming practice, and two years in handball.
Love to travel and get known with different cultures.



UNIVERSITÀ DEGLI STUDI
DI MODENA E REGGIO EMILIA

Ateneo fondato nel 1175

Rotary International
Distretto 2072
Commissione distrettuale
Federazione Rotary
Via Collegio di Spagna 7
40123 Bologna

E p.c. Dr Ivan Ivanovski
Milutina Milankovica 48/6
Belgrade 11070
Serbia
E-mail: ivan.harry1987@gmail.com
692266833@telenormail.rs

OGGETTO: Progetto "Clinical approach, diagnosis, treatment, follow-up and prevention of Rare and ultra-Rare Diseases in Childhood" Verifica idoneità candidatura presentata dalla Fondazione Rotary-Distretto 2072.

Spettabile Fondazione Rotary-Distretto 2072

Come da accordi intercorsi si è proceduto ad effettuare la valutazione della candidatura Dr Ivan Ivanovski, presentata dalla Fondazione Rotary Distretto 2072, per il progetto di ricerca in oggetto.

La Commissione, composta dal sottoscritto, dalla Dr.ssa Livia Garavelli e dalla Dr.ssa Simonetta Rosato, verificati i titoli presentati, la produzione scientifica ed il curriculum scientifico professionale del candidato e a seguito di approfondito colloquio, ritiene il Dr Ivan Ivanovski idoneo a svolgere le attività connesse alla realizzazione del progetto.

Si resta pertanto in attesa di una bozza di convenzione, come da Protocollo di intenti recentemente sottoscritto, per definire le modalità di frequenza del candidato, una volta espletate le procedure di Vostra competenza, nell'assegnazione della borsa di studio.

Cordiali saluti

Direttore del Dipartimento Sperimentale Interaziendale di Reggio Emilia

Prof Adriano Ferrari

Reggio Emilia, 7 gennaio 2014

WWW.UNIMORE.IT

Da: Jessica Bueltmann [Jessica.Bueltmann@rotary.org]
Inviato: martedì 25 febbraio 2014 19:07
A: Garavelli Livia; putnik021@gmail.com; ivan.harry1987@gmail.com
Oggetto: Global Grant GG1419444 Scholar Acceptance Letter - [Scholar Name]

25 February, 2

van Ivanovski
41lutina Milankovica 48/6
Belgrade, Serbia 11070

Dear Ivan:

We are pleased to inform you that the Trustees of The Rotary Foundation have awarded you a 2014-15 Global Grant Scholarship

STUDY PERIOD LENGTH: 14 Months (May 2014 Start Date)

INTERNATIONAL SPONSOR: Novi Sad-Dunav Rotar Club

STUDY INSTITUTION: RCS Santa Maria Nuova Obstetrics and Pediatric Department Clinical Genetics Unit
Reggio Emilia, Italy

HOST SPONSOR: Reggio Emilia Terra de Matilde

STIPEND AMOUNT: US\$33,150

Congratulations. You join an elite group of scholarship recipients striving to make a difference in Maternal and Child Health, and we look forward to working with you. Please note that you will be required to submit a report to your sponsoring Rotarians every 2 months for the duration of your scholarship. If your scholarship is less than 12 months, you will be required to submit a report to your sponsoring Rotarians at the end of your scholarship period. In the report, you will provide a summary of your studies or research and how it relates to your goals in the area of focus, an account of your Rotary and community involvement, and a statement of expenses. You will also be required to send copies of receipts for expenses. Some sponsoring clubs or districts ask you to provide all receipts, while others require receipts only for expenses of US\$75 or more. Contact your Rotarian sponsors to learn what receipts you will be asked to submit.

Your primary host Rotarian, who will be your main contact, is

Livia Garavelli,
garavelli.livia@asmn.re.it
3337837831

Finally, please take note of the important information below about travel arrangements and insurance coverage.

Travel arrangements

Airfare for any travel funded by Rotary Foundation grants must be booked through Rotary International Travel Services (RITS) according to established travel policies. Please review the [Travel Arrangements](#) page on the Rotary website to learn more.

Travel insurance coverage

All those who receive funding for travel from Rotary Foundation grants will automatically be enrolled for travel insurance that meets Rotary International's requirements. Any additional insurance coverage the traveler wishes to purchase will be the responsibility of the traveler. Grantees can learn more about the insurance coverage automatically provided to them as part of their award on the [Insurance](#) page of the Rotary website.

We wish you much success in your studies. If you have any questions please feel welcome to contact me or your sponsoring Rotarians directly.

Sincerely,

Jessica Bueltmann

1/03/2014

	2013 3 rd Trimester	2013 4 th Trimester	2014 1st Trimester	2014 2 nd Trimester	2014 3 rd Trimester	2014 4 th Trimester	2015 1st Semester	2015 2 nd Semester	2016 1st Semester	2016 2 nd Semester
Recruitment of the clinician living in another country Medicine Doctor with specialization or in training in Genetics or in Pediatrics with a special interest in clinical genetics										
The clinician living in another country will have a one-year training in the Clinical Genetics Unit of the IRCCS-ASMN Reggio Emilia, Italy										
Planning and organization of the new Clinical Genetics Unit in the other country following the same clinical model of the Clinical Genetics Unit of the IRCCS-ASMN Reggio Emilia, Italy										
Planning of the clinical collaboration between the Clinical Genetics Unit Reggio Emilia and the new Clinical Genetics Unit in the other country Analysis of all the conclusive results with all the participating Units and publication.										

Personnel Required through Rotary Club for the fulfilment of the Project in Reggio Emilia

Cosa vedete in questa immagine?



E' impossibile conoscere tutte malattie rare
e spesso non è facile saperle riconoscere



Transposons

Segmental duplications

miRNAs

Gene number

Gene deserts

Alternative promoters

Indels

SNPs

Matrix attachment regions

Polycistronic clusters

Non-coding RNAs

RNA editing

The Dark Side of the Genome

Haplotypes

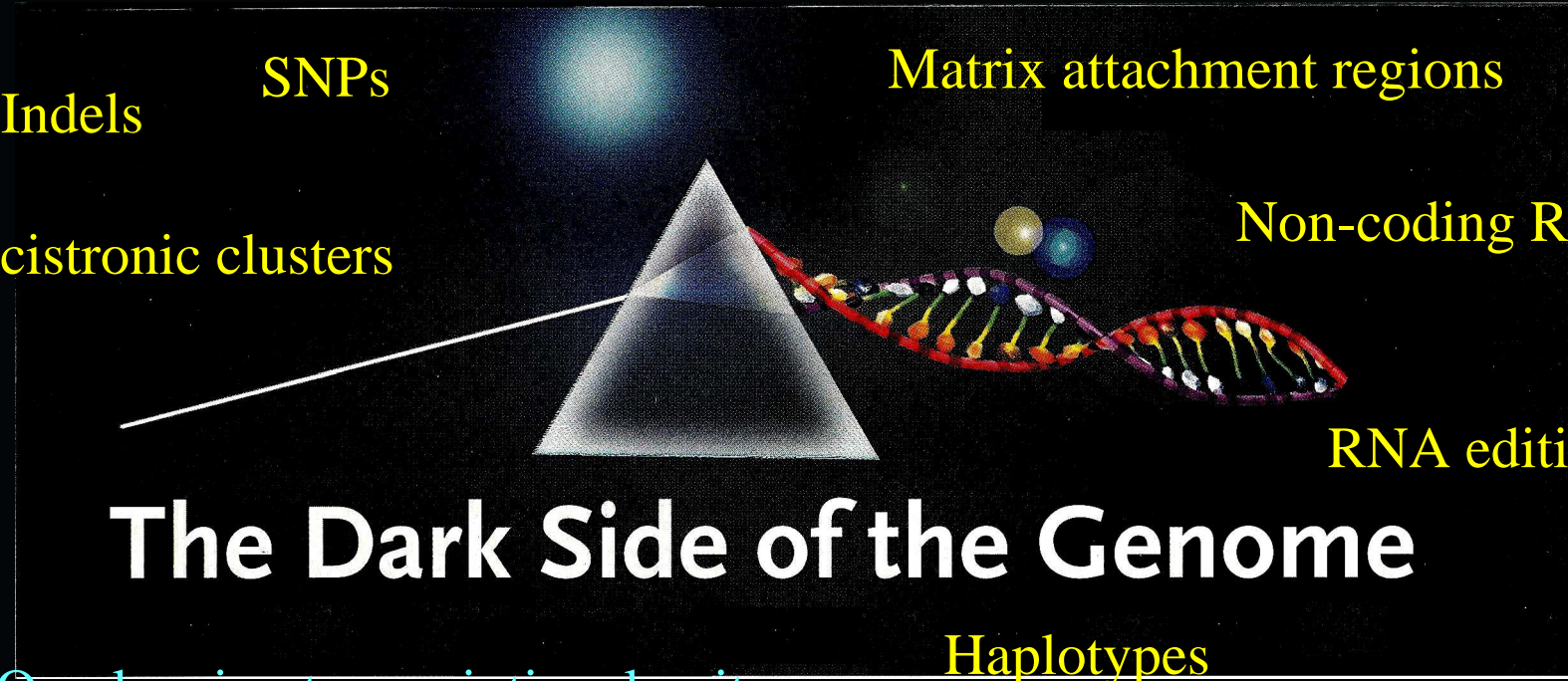
Overlapping transcriptional units

Conserved non-coding sequences

Alternative splicing

Imprinting

Repetitive sequences



Malattie Rare

Complesso di 7.000-8.000 patologie, spesso fatali o croniche invalidanti, che rappresentano il 10% delle patologie che affliggono l'umanità.

La Commissione Europea ha definito rare quelle patologie la cui incidenza non è superiore a 5 su 10.000 abitanti.

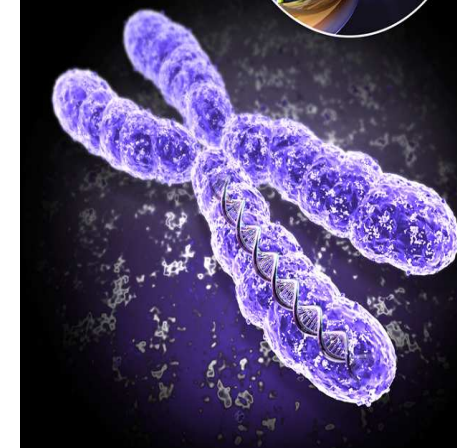
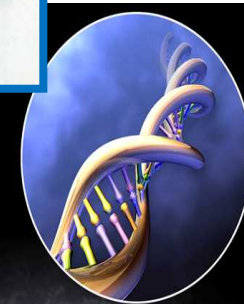
In Italia: 2.500.000 di persone. In Europa: oltre 25.000.000.

L'80% delle malattie rare, circa 6.400, è di origine genetica, mentre il restante 20% sono acquisite.

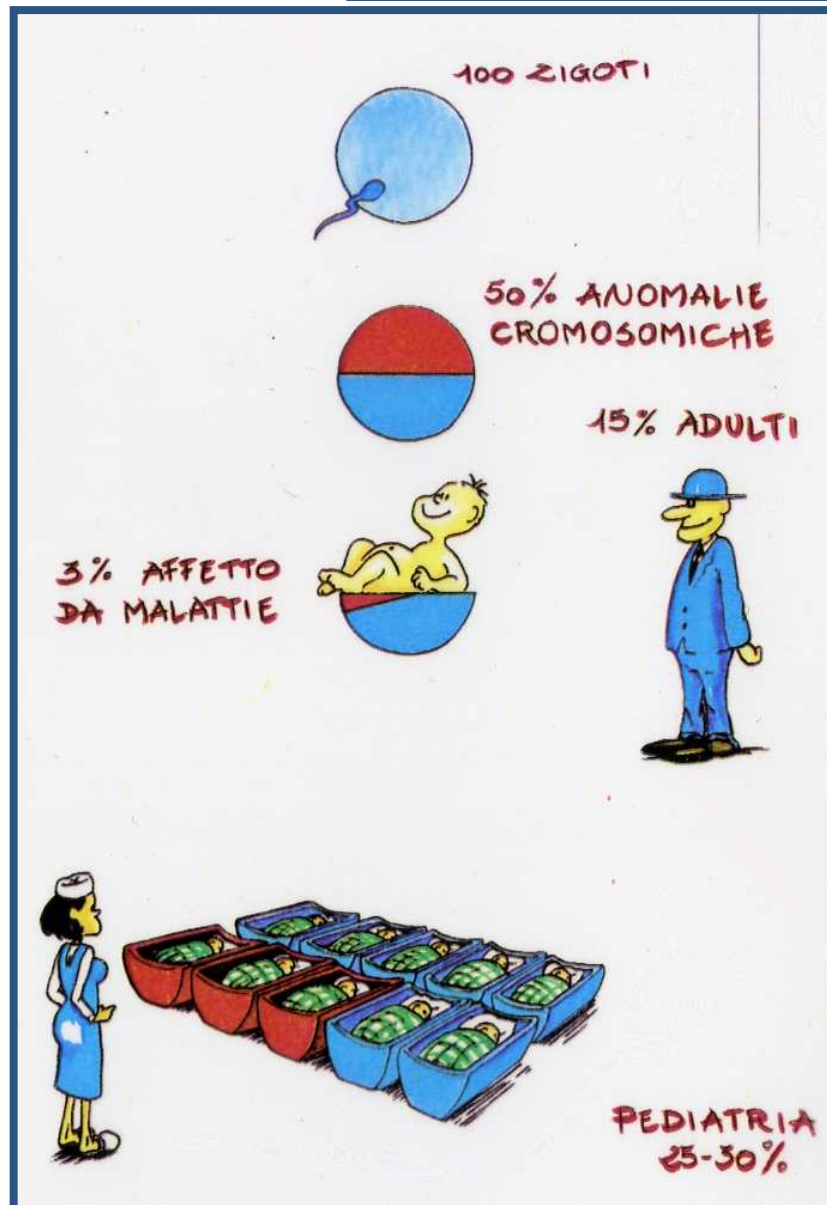
SOSPETTO DI MALATTIA GENETICA IN ETA' PEDIATRICA



- ✓ difetti congeniti
- ✓ problemi di accrescimento
- ✓ disabilità intellettiva



MALATTIE RARE



Il 30% dei bambini con malattia rara muore prima dei 5 anni.

Sono invalidanti

Molte hanno una evoluzione cronica

Spesso sono degenerative

Molte sono progressive

Il 75% colpisce l'età pediatrica

Spesso sono dolorose

Molte sono incurabili, in quanto non esistono terapie efficaci





MUCOPOLYSACCHARIDOSIS



Ivan Ivanovski

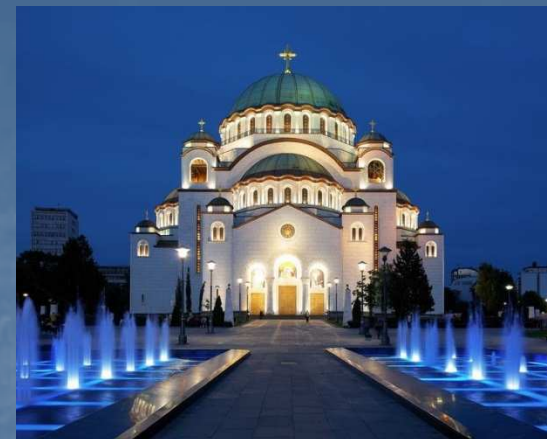
Clinical Genetics Unit,
Obstetric and Pediatric Department,
Santa Maria Nuova Hospital IRCCS, Reggio Emilia,
Italy

DISPLASIE
SCHELETRICHE



20 Giugno 2014

SALA RIUNIONI 1 AMPLIAMENTO, ORE 14.30 - 17.30



Van Maldergem syndrome with a FAT4 mutation in sibs: evolution of the phenotype over time



Ivanovski Ivan^{1,4}, Garavelli Livia¹, Rosato Simonetta¹, Wischmeijer Anita¹,
Chiara Gelmini¹, Pascarella Rosario², Marielle Alders³ and Raoul C.Hennekam³

1. Clinical Genetics Unit 2. Neuroradiology Department IRCCS-ASMN, Reggio
Emilia, Italy

3. Department of Clinical Genetics, Academic Medical Centre, University of
Amsterdam, Amsterdam, Netherlands

4. School of Medicine, Belgrade University, Belgrade, Serbia

Email for correspondence: ivanovski.ivan@asmn.re.it

XXV European Dysmorphology Meeting – Strasbourg 10th-11th September 2014



DOPO LA PRESENTAZIONE
DI IVAN HO RICEVUTO I
COMPLIMENTI DA:

Jean Pierre Fryns

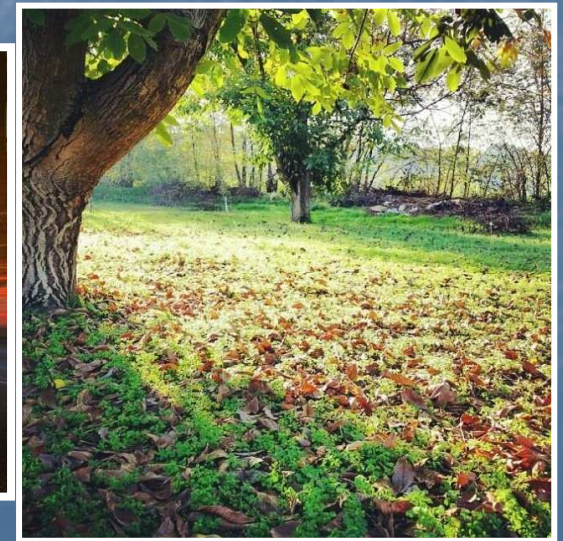
Koen Devriendt

Emilia Bijlsma

Christiane Zweier

Antonio Perez-Aytes

Martin Zenker









After Italy, returning to Belgrade
and volunteering until getting job



Pediatric hospitals in Belgrade

Ringraziamenti

Leonardo De Angelis

Giuseppe Castagnoli

Ferdinando Del Sante

Luciano Alfieri

Antonio Marturano

Riccardo Rubbiani

Paolo Magotti

Tutti i Soci Rotary Club

Area Emiliana 1



Ringraziamenti

Giuseppe Albertini





Grazie per l'attenzione