SWISS MEDICAL NETWORK



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Specialista in pediatria e specialista in genetica medica, membro FMH
Consulente Medisyn Svizzera
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Lingue

IT,FR,EN

Esperienze professionali

dal 2024	**Medico pediatra e genetista clinico indipendente, presso Clinica Sant'Anna, Sorengo e consulente presso Medisyn, Svizzera**
dal 2022	**Accreditamento presso Swiss Medical Network**
dal 2021	**Docente presso Università della Svizzera Italiana (USI)**
2020–2024	Medico pediatra e genetista clinico indipendente, presso Centro Medico, Stazione, Lugano
2019–2022	Medico Caposervizio, Responsabile del Servizio di Genetica Medica presso Ospedale Italiano di Lugano (IOSI-OIL)
2013–2018	Medico Capoclinica e quindi Caposervizio del Servizio di Pediatria (IPSI) Ospedale San Giovanni Bellinzona

Formazione

2013	Medico aiuto residente, Servizio di genetica medica, ospedale Necker-Enfants Malades (Parigi, Francia); attività presso gli ambulatori specializzati in dismorfologia, malattie genetiche dello scheletro, malattie neurogenetiche e mitocondriali; responsabile Prof Dr. med. A. Münnich
2011–2013	Medico capoclinica, Servizio integrato ospedali di Mendrisio e Bellinzona (Svizzera); responsabili Prof Dr. med. M. G. Bianchetti e Prof. Dr. med. G.P. Ramelli Medico capoclinica, Servizio integrato ospedali di Mendrisio e Bellinzona (Svizzera); responsabili Prof Dr. med. M. G. Bianchetti e Prof. Dr. med. G.P. Ramelli.
2009–2011	Medico assistente, Servizio di pediatria, CHUV-Losanna (Svizzera); responsabile Prof. Dr. med. S. Fanconi
2007–2009	Medico assistente, Servizio di genetica medica, CHUV-Losanna (Svizzera); responsabile Prof. Dr. med. J. Beckmann.
2004–2007	Medico assistente, Servizio integrato di pediatria, ospedali di Mendrisio e Bellinzona (Svizzera); responsabili Prof. Dr. med. M.G. Bianchetti e Prof. Dr. med. G.P. Ramelli
2003–2004	Medico borsista, Dipartimento di pediatria, servizio di genetica medica, Clinica Universitaria Pediatrica "G. e D. De Marchi", Milano (Italia), responsabile Dr. med. A. Selicorni

2001–2003	Medico borsista, Dipartimento di pediatria, servizio di oncologia pediatrica, Clinica Universitaria Pediatrica “G. e D. De Marchi”, Milano (Italia), responsabile Prof. Dr. med. V. Carnelli
1996–2001	Università degli Studi di Milano (Italia), Facoltà di Medicina e Chirurgia. Diploma di medico-chirurgo. Titolo della tesi: "Terapia con interferone degli angiomi in età pediatrica"

Appartenenze

dal 2012	Titolo FMH Genetica medica
dal 2011	Titolo FMH in Pediatria

Profilo

BORSE DI STUDIO - SPONSORIZZAZIONI

2003–2004: Borsa di studio contribuita da associazioni di genitori con bambini affetti da malattia rara (Associazione Nazionale di Volontariato Cornelia de Lange; Associazione Italiana Sindrome di Wolf-Hirschhorn) per attività di ricerca e assistenza.

2004: Borsa di studio contribuita dall’associazione AIDWEB.org–ONLUS, per la collaborazione nella creazione del sito web AIDWEB per le malattie rare.

2013: Borsa di studio contribuita da Telethon Suisse, per una collaborazione clinica col Servizio di genetica medica dell’ospedale Necker-Enfants Malades (Parigi, Francia).

1.11.2012: Creazione del Fondo Malattie Rare Pediatriche a scopo diagnostico e di ricerca nel campo delle malattie rare dei bambini (sovvenzionato dalla Fondazione Kiwanis Lugano per il primo anno di attività).

SUPERVSIONE DI TESI DI MASTER PER L’OTTENIMENTO DELLA LAUREA IN MEDICINA

1. Ilaria Parenti (Università degli Studi di Milano, 2016)

2. Sabrina Mueller (università di Basilea, 2017)

3. Giogia Pellanda (Università di Basilea, 2017)

4. Luca Jermini (Università di Basilea, 2018)

5. Gabriel Bronz (Università di Berna, 2018)

ATTIVITÀ DI REVIEWER PER RIVISTE SCIENTIFICHE

European Journal of Pediatrics - Human Genetics - The Journal of Pediatrics

PARTECIPAZIONE A CONSORZI DI RICERCA INTERNAZIONALI

1. Consortium 16p11.2:

- 16p11.2 Locus modulates response to satiety before the onset of obestity. Int J Obes 2016 40:870-876.

- Chromosomal contacts connect loci associated with autism, BMI and head circumference phenotypes. Mol Psychiatry 2016; 22:836-849.

- Defining the effect of the 16p11.2 duplication on cognition, behavior, and medical comorbidities. JAMA Psychiatry 2016; 73:20-30.

2. Consortium 15q11.2:

- Estimating the effect size of the 15q11.2 BP1-BP3 deletion and its contribution to neurodevelopmental symtoms: recommendation for practise. J Med Genet 2019; 56:701-710.

Pubblicazioni

BIBLIOGRAFIA (riviste scientifiche con revisione paritaria)

Fattore di Hirsch: 10 (ISI; 8 giugno 2020)

• ARTICOLI ORGINALI (E REVIEWS SISTEMATICHE)

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2. Bartoli F, Martinez JM, **Ferrarini A**, Recaldini E, Bianchetti MG. Poor adherence to the prophylactic use of vitamin D3 in Switzerland. J Pediatr Endocrinol Metab 2006;19:281-282.
3. Robbiani JH, Simonetti G, Crosazzo L, **Ferrarini A,** Pronzini F, Bianchetti MG. False positive dipstick for urinary blood in childhood. J Nephrol 2006;19:605-606.
4. Van der Aa N, Rooms L, Vandeweyer G, van den Ende J, Reyniers E, Fichera M, Romano C, Delle Chiaie B, Mortier G, Menten B, Destrée A, Maystadt I, Männik K, Kurg A, Reimand T, McMullan D, Oley C, Brueton L, Bongers EM, van Bon BW, Pfund R, Jacquemont S, **Ferrarini A,** Martinet D, Schrander-Stumpel C, Stegmann AP, Frints SG, de Vries BB, Ceulemans B, Kooy RF.nFourteen new cases contribute to the characterization of the 7q11.23 microduplication syndrome. Eur J Med Genet 2009;52:94-100.
5. **Ferrarini A**, Osterheld MC, Vial Y, de Viragh PA, Cotting J, Martinet D, Beckmann JS, Fellmann F. Familial occurrence of an association of multiple intestinal atresia and choanal atresia: a new syndrome? Am J Med Genet A 2009;149A:2661-2665.
6. Walters RG, Jacquemont S, Valsesia A, de Smith AJ, Martinet D, Andersson J, Falchi M, Chen F, Andrieux J, Lobbens S, Delobel B, Stutzmann F, El-Sayed Moustafa JS, Chèvre JC, Lecoeur C, Vatin V, Bouquillon S, Buxton JL, Boute O, Holder-Espinasse M, Cuisset JM, Lemaitre MP, Ambresin AE, Brioschi A, Gaillard M, Giusti V, Fellmann F, **Ferrarini A**, Hadjikhani N, Campion D, Guilmatre A, Goldenberg A, Calmels N, Mandel JL, Le Caignec C, David A, Isidor B, Cordier MP, Dupuis-Girod S, Labalme A, Sanlaville D, Béri-Dexheimer M, Jonveaux P, Leheup B, Ounap K, Bochukova EG, Henning E, Keogh J, Ellis RJ, Macdermot KD, van Haelst MM, Vincent-Delorme C, Plessis G, Touraine R, Philippe A, Malan V, Mathieu-Dramard M, Chiesa J, Blaumeiser B, Kooy RF, Caiazzo R, Pigeyre M, Balkau B, Sladek R, Bergmann S, Mooser V, Waterworth D, Reymond A, Vollenweider P, Waeber G, Kurg A, Palta P, Esko T, Metspalu A, Nelis M, Elliott P, Hartikainen AL, McCarthy MI, Peltonen L, Carlsson L, Jacobson P, Sjöström L, Huang N, Hurles ME, O'Rahilly S, Farooqi IS, Männik K, Jarvelin MR, Pattou F, Meyre D, Walley AJ, Coin LJ, Blakemore AI, Froguel P, Beckmann JS. A new highly penetrant form of obesity due to deletions on chromosome 16p11.2. Nature 2010;463:671-675.

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8. **Ferrarini A**, Auteri-Kaczmarek A, Pica A, Boesch N, Heinimann K, Schafer SC, Vesnaver-Megalo S, Cina V, Beckmann JS, Monnerat C. Early occurrence of lung adenocarcinoma and breast cancer after radiotherapy of a chest wall sarcoma in a patient with a de novo germline mutation in TP53. Fam Cancer 2011; 10: 187-192.

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10. Lava SAG, Simonetti GD, **Ferrarini A**, Ramelli GP, Bianchetti MG. Regional differences in symptomatic fever management among pediatricians in Switzerland: The results of a cross-sectional Web-based survey. Br J Clin Pharmacol 2013; 75: 236-243.

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23. Pellanda F, Lava SAG, Milani GP, Bianchetti MG, **Ferrarini A**, Vanoni F. Immune deposits in skin vessels of patients with acute hemorrhagic edema of young children: a systematic literature review. Pediatr Dermatol 2020;37:120-123.
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• REVIEWS NARRATIVE

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30. **Ferrarini A**, Jacquemont S, Beck Popovic M, Bonafé L, Martinet D. Puce à ADN: pourqoui et pour qui. Rev Med Suisse 2010;237:390-396.
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32. **Ferrarini A**, Bianchetti AA, Fossali EF, Faré PB, Simonetti GD, Lava SAG, Bianchetti MG. What can we do to make antihypertensive medications taste better for children? Int J Pharm 2013;457:333-336.

• LETTERS – CASE REPORT

33. **Ferrarini A**, Selicorni A, Cagnoli G, Zollino M, Lecce R, Chines C, Battaglia A. Distinct facial dysmorphism, pre and postnatal growth retardation, microcephaly, seizures, mental retardation and hypotonia. Ital J Pediatr 2003;29:393-397.
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42. **Ferrarini A**, Gaillard M, Guerry F, Ramelli GP, Heidi F, Keddache CV, Wieland I, Beckmann JS, Jaquemont S, Martinet D. Potocki-Shaffer deletion encompassing ALX4 in a patient with frontonasal dysplasia phenotype. Am J Med Genet A. 2014;164:346-352.

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44. **Ferrarini A**, Milani GP, Bianchetti MG, Lava SAG. Acute hemorragic edema of infancy associated with Coxsackie virus infection. Arch Pédiatr 2018;25:244.

Bronz G, Leoni-Foglia C, Lava SG, Simonetti GD, **Ferrarini A.** Pathologic fracture revealed a rare syndromic form of genetic lipodystrophy. Clin Dysmorphol 2020;29:53-60.

Accreditamento

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Contatto

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