

## CURRICULUM VITAE

**DATE:** *September 2024*

**NAME:** Michèle Catherine STUDER married MENEGHELLO, 1 child born in 2003

### ADDRESS AND TELEPHONE NUMBERS:

Institut de Biologie Valrose, iBV  
Université Côte d'Azur (UniCA)  
UMR INSERM1091/CNRS7277/UniCA  
Physiological and pathological mechanisms of neural development Lab  
Nice, France  
Phone: +33 4 92 07 6419  
Fax: +33 4 92 07 6402  
Mobile: +33 6 16854067  
e-mail: [Michele.STUDER@unice.fr](mailto:Michele.STUDER@unice.fr)  
ORCID N°: 0000-0001-7105-2957  
Researcher ID: P-4580-2016

**FRENCH AERES evaluation 2011: grade A+**

**FRENCH HCERES evaluation 2017: excellent to outstanding**

**FRENCH HCERES evaluation 2023: excellent to outstanding**

### PERSONAL INFORMATION:

Date of birth: 15th September 1962  
Place of birth: Milan (Italy)  
Nationalities: French, Italian  
Languages: Fluent in Italian, French, English, and German.

### TRAINING AND EDUCATION:

06/90 **PhD in Pharmacology/Molecular Biology**  
Istituto di Ricerche Farmacologiche Mario Negri, Milano, Italy.  
03/87 **"Laurea 110/110 cum laude" in Biological Sciences**  
University of Pisa, Pisa, Italy.  
10/82-08/83 **University of Geneva, Faculty of Sciences** (all exams passed after the first year of study).  
06/82 **High School Degree (Baccalaureate Diploma)**  
German School in Milan, Milano, Italy.

### CURRENT EMPLOYMENT:

03/13-present **Research Director (DR1) Inserm**, Institute of Biology Valrose (iBV), UMR INSERM1091/CNRS7277/UNS, University Côte d'Azur (UniCA), Valrose Campus, Nice, France.  
*Institute Director: Florence Besse*

### PREVIOUS APPOINTMENTS:

03/09-02/13 **Research Director (DR2) Inserm**, UMR INSERM U636  
« Genetics of normal and pathological development », University of Nice Sophia-Antipolis, Valrose Campus, Nice, France.  
*Institute Director: Mino Rassouldazegan*  
04/01-02/09 **Full Investigator (Tenured Position)**

- and **Director of the Transgenic and Knock-out Core Facility**  
TIGEM (Telethon Institute of Genetics and Medicine), Napoli, Italy.  
*Institute Director:* Andrea Ballabio
- 03/00-02/01 **MRC Research Group Leader/ Senior Lecturer**  
Neural Development Unit, Institute of Child Health, University College London,  
London, UK.  
*Head of Unit:* Andrew Copp
- 03/97-02/00 **MRC Research Group Leader/ Junior Lecturer**  
MRC Centre for Developmental Neurobiology, King's College, Guy's Campus,  
London, UK.  
*Centre Director:* Andrew Lumsden
- 10/91- 02/97 **Post-doctoral Research Fellow**  
Division of Developmental Neurobiology,  
MRC/National Institute for Medical Research, London, UK.  
*Head of Laboratory:* Robb Krumlauf
- 09/87-09/91 **Post-graduate Research Fellow**  
Unit of Molecular Biology, Istituto di Ricerche Farmacologiche Mario Negri,  
Milano, Italy.  
*Supervisor:* Enrico Garattini
- 03/87-08/87 **Under-graduate Research Fellow**  
Istituto di Mutagenesi e Differenziamento, CNR, Pisa, Italy.  
*Institute Director:* Roberto Revoltella

#### COMPLEMENTARY EXPERIENCE IN INTERNATIONAL INSTITUTIONS:

- 2017 **Visiting Scientist** at the Department of Molecular Biotechnology and Health  
Sciences (MCB), Torino, Italy  
Head of Laboratory: Giorgio Merlo
- 2000 **Visiting Research Fellow at UCSF**, San Francisco, USA  
Head of Laboratory: John Rubenstein
- 1994 **Visiting Research Fellow at Baylor College of Medicine**, Houston, USA  
Head of Laboratory: Alan Bradley
- 1990 **Visiting Research Fellow at IMP**, Vienna, Austria  
Head of Laboratory: Erwin Wagner
- 1989 **Visiting Research Fellow at Fidia S.P.A.** 'Research Laboratories', Abano, Italy

#### AWARDS:

- 2021 **Prix Scientifique Camille WORINGER FRM**
- 2021 **Prix UCA (University Côte d'Azur) Prix d'Excellence**
- 2020 **FRM "Equipe labélisée"**
- 2015 **FRM "Equipe labélisée"**
- 2011 **FRM "Equipe labélisée"**
- 2009 **ANR "Chaire d'Excellence Senior" Award**
- 1997 **MRC Career Development Award**
- 1994 **EEC Human Capital Mobility personal post-doctoral fellowship**
- 1993 **EMBO long-term post-doctoral fellowship**
- 1991 **SNF (Swiss National Foundation) personal post-doctoral fellowship**

#### CURRENT GRANTS OBTAINED IN PEER-REVIEWED COMPETITIONS:

- 10/22-11/25 **INCA AAP PLBIO 2022.** "Identification of CELF2 molecular networking inducing  
aggressive and infiltrative tumor cell phenotype in glioblastoma  
and influencing the tumor microenvironment". €194'616.

- 02/22-01/25 **Fondation de France 2021: Recherche clinique et fondamentale sur l'autisme et le neuro-développement de l'enfant.** "Functional and experimental modelling of a neurodevelopmental disorder due to mutations in the NR2F1 gene". €250' 000.
- 02/22-01/25 **ERA-NET NEURON JTC21 European Research Projects on Neurodevelopmental Disorders.** "Brain4Sight: Deconstructing gene regulatory networks for improving sight and brain disabilities." €260' 000.
- 01/21-12/24 **Equipe FRM 2020** "In vitro and in vivo modeling of Bosch-Boonstra-Schaaf optic atrophy (BBSOA) syndrome, an emerging neurodevelopmental disorder caused by mutations in the NR2F1 gene". €382 220.

**PAST GRANTS OBTAINED IN PEER-REVIEWED COMPETITIONS (2010-2022):**

- 07/19-01/22 **Fondation Jérôme Lejeune** "Molecular and cellular bases of polymicrogyria in a mouse model of mental retardation disease". € 86'700
- 07/19-01/22 **Fondation Maladies Rares Genomics** "Unravelling the Genetic Pathways Leading to Hereditary Congenital Facial Palsy and Associated Hearing Loss". €27'280
- 10/17-12/20 **Fondation Agir Pour l'Audition (APA)** "Genetic and functional analysis of normal and pathological auditory pathways in the embryonic and adult mouse system." € 292'500.
- 04/17-07/20 **AFM Téléthon.** "In vivo and in vitro reprogramming of non-neuronal cells to cortico-spinal motor neuron." € 144'312.
- 03/16-08/19 **2015 ERA-NET NEURON call on European Research Projects on Neurodevelopmental Disorders.** "ImprovVision: Understanding and reprogramming developmental visual disorders: from anophthalmia to cortical impairments." €250' 000.
- 10/15-09/18 **Equipe FRM 2015** "Transcriptional control of neuronal activity during differentiation and wiring of the mouse neocortex". €376 444.
- 10/15-08/18 **ANR (Agence National Recherche) Projet générique 2015** "DEAF: Understanding the mechanisms of deafness by using intersectional genetics and functional analysis in the mouse." € 221'147.
- 10/13-09/18 **ANR (Agence National Recherche) Programme Blanc** "Molecular, cellular and activity-dependent mechanisms controlling arealization and circuitry in the developing mouse neocortex." € 318'240
- 09/14-08/17 **Projet APO PACA Volét Général** "Bases développementales et mécanismes moléculaires des malformations cérébrales associées à une déficience du gène COUP-TFI chez le rongeur et chez l'homme". Partner with Carlos Cardoso, Inmed, Marseille.
- 01/14-01/16 **FRC (Fédération pour la Recherche sur le Cerveau)** "Developmental and molecular mechanisms of cortical malformations associated with a deficiency of the COUP-TFI gene in rodents and humans". € 50'000
- 07/13-07/15 **Fondation Jérôme Lejeune** "Molecular control and morphological characterization of layer V subcerebral projection neurons in a mouse model linked to human mental retardation". € 33'000
- 10/11-09/14 **Equipe FRM 2011** "Molecular control of cell specification and migration in cortical arealization and lamination in the mouse". €300.000
- 12/09-11/13 **ANR Senior "Chaire d'Excellence"** "Regional patterning and cell-type specification of the cortex: genetic and developmental aspects". € 897'619
- 01/10-07/10 **FRM Subvention pour l'Implantation** "Genetics and molecular mechanisms of epilepsy in the mouse". Equipment: €74'176

**PEER-REVIEWED SERVICE TO GRANT AGENCIES AND SCIENTIFIC JOURNALS (since 2010):**

- 2013-2023 **Member of the HCERES national evaluation committee** for IBENS, Paris, CBD, Toulouse, and IPNP, Paris, France

- 2019 - 2021 **President of the Committee ANR CES 16**  
 2016 & 2018 **Vice-President & Member of the Committee ANR CES 16**  
 2011- **Editorial Board member** of *Developmental Neurobiology* and *Frontiers Neuroscience* and contributing member of the *F1000 Prime* in Neurodevelopment  
 2010- **Ad hoc reviewer** in at least 50 International peer-reviewed Journals and 20 International grant agencies

**MEMBER OF SCIENTIFIC PROGRAMS AND ADVISORY BOARDS (since 2010):**

- 2024-2027 **Selected Member** of the Executive Board of the Franco-Italian International University under the sponsorship of the Ministry of Education and Research  
 2022-2026 **Appointed Member of the Specialized Scientific Commission n° 4 "Neurosciences" Inserm**  
 2022-2025 **Member of the Starting grant Life Science panel of the Swiss National Science Foundation (SNSF)**  
 2020 – 2024 **Appointed expert for the Ethics and Scientific Integrity Council of the University of Liège, Belgium**  
 2020-2022 **Member of the selection committee of the Society of Neuroscience USA for "Award for Education in Neuroscience (AEN)"**  
 2020-2024 **Member of the Scientific Advisory Board of the LABEX SIGNALIFE 2 "Network for Innovation on Signal Transduction pathways in Life Sciences", Investissement d'Avenir, Laboratoire d'excellence (<http://signalife.unice.fr/>)**  
 2020- 2023 **Member of the Scientific Advisory Board of the « Fondation Jérôme Lejeune » (<https://www.fondationlejeune.org/>)**  
 2019- 2023 **Member of the Board of Directors of the « Société des Neurosciences » (<https://www.neurosciences.asso.fr/>)**  
 From 2018 **Member of the Scientific Advisory Board of the NeuroMod Institute UCA (<http://univ-cotedazur.fr/en/idex/projet-structurant/neuromod>)**  
 2012- 2023 **Member of the LABEX SIGNALIFE "Network for Innovation on Signal Transduction pathways in Life Sciences", Investissement d'Avenir, Laboratoire d'excellence (<http://signalife.unice.fr/>)**  
 2019 -2021 **Member of the COST Action CA16118 Neuro-MIG "European Network on Brain Malformations" (<https://www.neuro-mig.org/>)**  
 2014- 2021 **Member of the Board of Directors of the « Société Française de Biologie du Développement (SFBd) (<https://sfbd.fr/>)**  
 2016- 2020 **Member of the Innovative Solutions in Refractory Chronic Pain (INOV-PAIN) Program, a regional collaboration for a "Fédération Hospitalo-Universitaire (FHU)" (<https://www.inovpain.org/>)**  
 2013- 2019 **Vice-President** of the Association "Développement des Réseaux Neuronaux  
 2015- 2016 **Participation in mobility grants between Italy and France** via the French-Italian University, Galileo Programme and Campus France.  
 2009- 2013 **Member of the BMBS COST Action "HOX and TALE transcription factors in Development and Disease"**

**CONTRIBUTIONS TO TRAINING AND TEACHING ACTIVITIES (since 2010):**

- 2021-2024 **Joint International PhD student funded by the Franco-Italian Vinci Program between University of Torino, Italy and University Côte d'Azur UCA, France**  
 2019-2024 **Visiting Professor at the University of Torino, Italy**  
 2010-2024 **Supervision and training of 9 post-doc fellows, 20 PhD students, 15 Master and undergraduate students, and 8 summer students**  
 2010-2024 **Reviewer of the evaluation committee of 20 PhD candidates**  
 2010-2024 **President of the evaluation committee of 10 PhD candidates**  
 2013-2024 **Teaching at the Master course UE35 at the University of Nice, France**

- 2016-2020 **Joint international PhD student** funded by the Franco-Italian Vinci Program between University of Milano and University Côte d'Azur UCA, France
- 2012-2020 **Doctoral and post-doctoral contracts** with industrial and non-profit private associations (AXA, FRM, AFM)
- 2012-2020 **Occasional teaching in neurodevelopment and neurobiology** in national and international Master and PhD courses

#### **ORGANIZATION OF EVENTS (since 2013):**

- 2024 Co-organizer of a **FENS symposium of the 14th FENS Forum of Neuroscience** Vienna, Austria, 25 - 29 June 2024
- 2023 Co-organizer of the **Joint Italian & French Neuroscience Societies Symposium at the 20th National Congress of the Italian Society for Neuroscience, Torino**
- 2019 **Scientific Committee Member** of the 23<sup>rd</sup> Biennial Meeting of the International Society for Developmental Neuroscience (**ISDN**), Vancouver, Canada
- 2018 **Scientific Committee Member** of the 22<sup>nd</sup> Biennial Meeting of the International Society for Developmental Neuroscience (**ISDN**), Nara, Japan
- 2017 **Co-organizer of the 2nd joint SFBF/SBCF** French developmental meeting in Lyon, France
- 2017 **Co-organizer of the 18th International Congress of Developmental Biology (ISDB)** in Singapore
- 2016 **Executive member and organizer** of the 21st Biennial Meeting of the International Society for Developmental Neuroscience (**ISDN**), Antibes, France
- 2013 & 2016 **Co-organizer of Symposia** at French Neurosciences meetings.  
**Co-organizer** of annual meeting « *Club des Réseaux neuronaux* » held either every year in Paris or in the city hosting the French Neurosciences meeting.  
**Organizer of the iBV Neurobiology Club.** Members from the iBV and IPMC in Nice interested in neurobiology are welcome to participate and present their work every 15 days.
- 2013-2024 **Participation at the local “Fête de la Science”** and **“Brain Awareness Week”** dedicated to the public and schools.

#### **PATENT:**

Coordinator of the **International Patent** entitled “*Cell differentiation or reprogramming using Fezf2 and Lmo4*”, first deposited on the 9<sup>th</sup> of November 2015 (N° EP15306775), internationally submitted on the 9<sup>th</sup> of November 2016 (N° PCT/EP2016/077029) and published on the 18<sup>th</sup> of May 2017 (N° WO 2017/081033 A1).

#### **SELECTION OF MAJOR INVITED ORAL PRESENTATIONS (2013-2024):**

- **Symposium to honor A. Lumsden** entitled “*From brain compartments to functional circuits and behaviour*”; King’s College London, London, UK, 9-10 May 2013.
- **11th Congress of French Neurosciences**, Lyon-Grenoble, France, **Organizer of a Symposium** entitled “*Assembling neuronal circuitries during cortical development*”, 21- 24 May 2013.
- **Scuola Normale Superiore Pisa**, Italy, Pisa, 24 June 2013.
- **University of Bordeaux**, France, Bordeaux, 13 September 2013.
- **International Ramon Areces workshop** “*Building up the brain: new interdisciplinary perspectives*”, Madrid, Spain, 15-16th October 2013.
- **Institut de Pharmacologie Moléculaire et Cellulaire (IPMC)**, Valbonne, France, 28 March 2014.
- **FENS course “Neural Development and Neurodevelopmental disorders”**, Torino, Italy, 22 September 2014.
- **Workshop on “Gene regulation and human disease”**, Milano, Italy, 14 November 2014.

- **Workshop on “Mathematical Modeling and Statistical Analysis in Neuroscience”**, Nice, France, 9 September 2015.
- **Charité Institute Berlin**, Germany, 5 November 2015.
- **10th FENS FORUM of NEUROSCIENCES Symposium** entitled “Areal specification and assembly of neocortical circuits”, Copenhagen, Denmark, 2-6 July 2016.
- **Local organizer and executive member of the 21st Biennial Meeting of the International Society for Developmental Neuroscience (ISDN)** entitled “From stem cells to behavior in the normal and diseased nervous system”; Juan les Pins, France, 11-14 May 2016.
- **Volga Neuroscience Meeting**; Saint Petersburg to Nizhny Novgorod, Russia, 24-30 July 2016.
- **Brain Research Institute (HiFo)**, Zurich, Switzerland, 21 November 2016
- **Centre de Biologie du Développement (CBD)**, Toulouse, France, 22 February 2017
- **MRC Centre for Developmental Neurobiology**, London, UK, 11 May 2017
- **Institute of Neurosciences Montpellier (INM)**, Montpellier, France, 7 July 2017
- **Symposium to honor R. Krumlauf** entitled “Hox Genes and Development – A Career in Segments”, Kansas City, USA, 28-30 September 2017.
- **EMBO Workshop: Cortical Interneurons in Health and Disease**; Mallorca, Spain, 17-20 June 2018
- **3rd AXON Meeting: Circuits Development & Axon Regeneration**; Alicante, Spain, 11-13 September 2019
- **TIGEM 25 years**, Naples, Italy, 8 November 2019
- **Neurological Institute C. Besta**, Milan, Italy, 26 November 2019
- **International Symposium Fundación Ramón Areces**, Madrid, Spain, 30-31 January 2020
- **Centro de Investigación Príncipe Felipe (CIPF)**, Valencia, Spain; 24 February 2020
- **World Wide Neuroscience, NeuroDev Disorders**, 6 October 2020 (virtual)
- **Grenoble Institute for Neurosciences (GIN)**, Grenoble, France, 24 March 2022
- **Conférence Jacques Monod** "Genetics, environment, signalling, & synaptic plasticity in developmental brain disorders: from bench to bedside", Roscoff, France, 11-15 April 2022
- **EMBO Workshop** “Neural stem cells: From basic understanding to translational applications” Kyllini, Greece, 5-9 June 2022
- **University of Verona**, Verona, Italy, 29 April 2022
- **University of Trieste**, Trieste, Italy, 30 September 2022
- **3<sup>rd</sup> Edition of TOR de France**, Nice, France, 5-6 October 2023
- **NR2F1 Strategic Research Meeting**, Denver, USA, online presentation, 7 October 2023
- **NR2F1 France Meeting** with families, clinicians, researchers around BBSOAS, Paris, France, 8 December 2023
- **NR2F1 Family & Scientific Conference 2024**, Orlando, USA, online presentation, 5 April 2024
- **NICO, University of Torino**, Italy, invited seminar, 31 May 2024
- **FENS FORUM 2024: Organization of a symposium** entitled “Key Players in Neuronal Function and Physiopathology of Neurological Disease”, Vienna, Austria, 25-29 June 2024
- **ISN conference/Neuro 2024**, Fukuoka, Japan, invited speaker, 24-27 July 2024
- **Institute of Genetics & Biophysics (IGB)**, Naples, Italy, 11 October 2024
- **Joint ABCD Meeting 2024**, Bologna, Italy, invited keynote speaker, 17-19 October 2024

## PUBLICATIONS:

1. Bertacchi M., Maharaux G., Loubat A., Jung M. and **Studer M.** FGF8-mediated gene regulation affects regional identity in human cerebral organoids. *Under revision*. <https://www.biorxiv.org/content/10.1101/2023.12.22.572974v1>
2. Bonzano S, Dallorto E, Bovetti S, **Studer M**, De Marchis S. Mitochondrial regulation of adult hippocampal neurogenesis: Insights into neurological function and neurodevelopmental disorders. *Neurobiol Dis.* **2024 Sep**;199:106604. doi: 10.1016/j.nbd.2024.106604. Epub 2024 Jul 11. PMID: 39002810
3. Cui K, Xia Y, Patnaik A, Salivara A, Lowenstein ED, Isik EG, Knorz AL, Airaghi L, Crotti M, Garratt AN, Meng F, Schmitz D, **Studer M**, Rijli FM, Nothwang HG, Rost BR, Strauß U, Hernandez-Miranda LR. Genetic identification of medullary neurons underlying congenital hypoventilation. *Sci Adv.* **2024 Jun 21**;10(25):eadj0720. doi: 10.1126/sciadv.adj0720. Epub 2024 Jun 19. PMID: 38896627
4. Marino M., Phromkrasae W., Bertacchi M., Cassini P., Chakrabandhu K., Dell'Orco D. and **Studer M.** Disrupted protein interaction dynamics in a genetic neurodevelopmental disorder revealed by genetic code expansion and structural bioinformatics. *Protein Science* **2024 Apr**;33(4): e4953. doi: 10.1002/pro.4953. PMID: 38511490
5. Deloulme J.C., Leclercq M., Deschaux O., Flore G., Capellano L., Tocco C., **Studer M.**\* and Hana Lahrech H. Structural interhemispheric connectivity defects in mouse models of BBSOAS: insights from high spatial resolution 3D white matter tractography. *Neurobiol Dis.* **2024 Apr**; 193:106455. doi: 10.1016/j.nbd.2024.106455. PMID: 38408685 \*co-last and corresponding author.
6. Di Bonito M, Bourien J, Tizzano M, Harrus AG, Puel JL, Avallone B, Nouvian R and **Studer M.** Abnormal outer hair cell efferent innervation in Hoxb1-dependent sensorineural hearing loss. *Plos Genetics* **2023**, Sep 22;19(9):e1010933. doi: 10.1371/journal.pgen.1010933. PMID: 37738262
7. Felske T., Tocco C., Péron S., Harb K., Alfano C., Galante C., Berninger B. and **Studer M.** Lmo4 synergizes with Fezf2 to promote direct *in vivo* reprogramming of upper layer cortical neurons and cortical glia towards deep layer neuron identities. *PLoS Biol.* **2023 Aug** 8;21(8):e3002237. doi: 10.1371/journal.pbio.3002237. eCollection 2023 Aug. PMID: 37552690
8. Bonzano S, Dallorto E, Molineris I, Michelon F, Crisci I, Gambarotta G, Neri F, Oliviero S, Beckervordersandforth R, Lie DC, Peretto P, Bovetti S, **Studer M**, De Marchis S. NR2F1 shapes mitochondria in the mouse brain, providing new insights into Bosch-Boonstra- Schaaf optic atrophy syndrome. *Dis Model Mech.* **2023 Jun** 1;16(6): dmm049854. doi: 10.1242/dmm.049854. Epub 2023 Jun 26. PMID: 37260288
9. **Studer M**, Rossini L, Spreafico R, Pelliccia V, Tassi L, de Curtis M and Garbelli R. Why are type II focal cortical dysplasias frequently located at the bottom of sulcus? A neurodevelopmental hypothesis. *Epilepsia* **2022 Oct**;63(10):2716-2721. doi: 10.1111/epi.17386. Epub 2022 Aug 20.
10. Bertacchi M., Tocco C., Schaaf C. and **Studer M.** Pathophysiological Heterogeneity of the BBSOS Neurodevelopmental Syndrome. *Cells* **2022 Apr** 8;11(8):1260. doi: 10.3390/cells11081260. PMID: 35455940.
11. Tocco C., Øvsthus M., Bjaalie J.G., Leergaard T.B. and **Studer M.** Topography of corticopontine projections is controlled by postmitotic expression of the area-mapping gene Nr2f1. *Development* **2022 Mar** 1;149(5): dev200026. doi: 10.1242/dev.200026. PMID: 35262177
12. Tocco C., Bertacchi M. and **Studer M.** Structural and Functional Aspects of the Neurodevelopmental Gene NR2F1: From Animal Models to Human Pathology. *Frontiers in Molecular Neuroscience* **2021 Nov** 2021 doi: 10.3389/fnmol.2021.767965. PMID: 34975398. Review.
13. Walter J, Bolognin S, Poovathingal SK, Magni S, Gérard D, Antony PMA, Nickels SL, Salamanca L, Berger E, Smits LM, Grzyb K, Perfeito R, Hoel F, Qing X, Ohnmacht J, Bertacchi M, Jarazo J, Ignac T, Monzel AS, Gonzalez-Cano L, Krüger R, Sauter T, **Studer M**, de Almeida LP, Tronstad KJ,

- Sinkkonen L, Skupin A, Schwamborn JC. The Parkinson's-disease- associated mutation LRRK2-G2019S alters dopaminergic differentiation dynamics via NR2F1. *Cell Rep.* **2021 Oct 19**;37(3):109864. doi: 10.1016/j.celrep.2021.109864.. PMID: 34686322
14. Jurkute N, Bertacchi M, Arno G, Tocco C, Kim US, Kruszewski AM, Avery RA, Bedoukian EC, Han J, Ahn SJ, Pontikos N, Acheson J, Davagnanam I, Bowman R, Kaliakatsos M, Gardham A, Wakeling E, Oluonye N, Reddy MA, Clark E, Rosser E, Amati-Bonneau P, Charif M, Lenaers G, Meunier I, Defoort S, Vincent-Delorme C, Robson AG, Holder GE, Jeanjean L, Martinez-Monseny A, Vidal-Santacana M, Dominici C, Gaggioli C, Giordano N, Caleo M, Liu GT; Genomics England Research Consortium, Webster AR and **Studer M\***, Yu-Wai-Man P\*. Pathogenic NR2F1 variants cause a developmental ocular phenotype recapitulated in a mutant mouse model. *Brain Commun.* **2021 Jul 20**;3(3):fcab162. doi: 10.1093/braincomms/fcab162. eCollection 2021. PMID: 34466801. *\*co-last corresponding authors*
  15. Harb K, Bertacchi M and **Studer M**. Optimized Immunostaining of Embryonic and Early Postnatal Mouse Brain Sections. *Bio Protoc.* **2021 Jan 5**;11(1):e3868. doi: 10.21769/BioProtoc.3868. eCollection 2021 Jan 5. PMID: 33732758
  16. Foglio B, Rossini L, Garbelli R, Regondi MC, Mercurio S, Bertacchi M, Avagliano L, Bulfamante G, Coras R, Maiorana A, Nicolis S, **Studer M**, Frassoni C. Dynamic expression of NR2F1 and SOX2 in developing and adult human cortex: comparison with cortical malformations *Brain Struct Funct.* **2021 May**;226(4):1303-1322. doi: 10.1007/s00429-021- 02242-7. Epub 2021 Mar 4. PMID: 33661352
  17. Del Pino I., Tocco C., Magrinelli E., Marcantoni A., Ferraguto C., Tomagra G., Alfano C., Leinekugel X., Frick A. and **Studer M**. COUP-TFI/Nr2f1 orchestrates intrinsic neuronal activity during development of the somatosensory cortex. *Cerebral Cortex*, **2020 Jun 23**;bhaa137. doi: 10.1093/cercor/bhaa137. PMID: 32572460
  18. Bertacchi M, Romano AL, Loubat A, Tran Mau-Them F, Willems M, Kuentz P, Faivre L, Philippe C, Perrin L, Garde A, Devillard F, Sorlin A, Di Giaimo R, Cappello S, D'Incerti L, Frassoni C and **Studer M**. NR2F1 Regulates Regional Progenitor Dynamics in the Mouse Neocortex and Cortical Gyrification in BBSOAS Patients *EMBO J.* **2020 Jun 2**:e104163. doi: 10.15252/embj.2019104163. PMID: 3248499
  19. Bertacchi M., Gruart A., Kaimakis P., Allet C., Serra L., Giacobini P., Delgado-García J.M., Bovolenta P. and **Studer M**. Mouse Nr2f1 haploinsufficiency unveils new pathological mechanisms of a human optic atrophy syndrome. *EMBO Mol Med.* **2019 Jul 18**:e10291. doi: 10.15252/emmm.201910291. PMID: 31318166
  20. Mercurio S, Serra L, Motta A, Gesuita L, Sanchez-Arrones L, Inverardi F, Foglio B, Barone C, Kaimakis P, Martynoga B, Ottolenghi S, **Studer M**, Guillemot F, Frassoni C, Bovolenta P, Nicolis SK. Sox2 Acts in Thalamic Neurons to Control the Development of Retina-Thalamus-Cortex Connectivity. *iScience.* **2019 May 31**;15:257-273. doi: 10.1016/j.isci.2019.04.030. PMID: 3108273
  21. Bertacchi M., Parisot J. and **Studer M**. The pleiotropic transcriptional regulator COUP-TFI plays multiple roles in neural development and disease. *Brain Res.* **2019**, 1705: 75-94 doi: 10.1016/j.brainres.2018.04.024. PMID: 29709504 Review.
  22. Contesse T, Ayrault M, Mantegazza M and **Studer M\***, Deschaux O\*. Hyperactive and anxiolytic-like behaviors result from loss of COUP-TFI/Nr2f1 in the mouse cortex. *Genes Brain Behav.* **2019**, Jan 17:e12556. doi: 10.1111/gbb.12556. *\*co-last corresponding authors*. PMID: 30653836
  23. Terrigno M., Bertacchi M., Pandolfini L., Baumgart M., Calvello M., Cellerino A. and **Studer M.\***, Cremisi F.\* The microRNA miR-21 is a mediator of FGF8 action on cortical COUP-TFI translation. *Stem Cell Reports* **2018**, Sep 11;11(3):756-769. doi: 10.1016/j.stemcr.2018.08.002. *\*co-last corresponding authors*. PMID: 30174317
  24. Simi A. and **Studer M**. Developmental genetic programs and activity-dependent mechanisms instruct neocortical area mapping. *Curr Opin Neurobiol.* **2018**, Jul 10; 53:96- 102. doi:



- 10.1016/j.conb.2018.06.007. PMID: 30005291
25. Bonzano S., Crisci I., Podlesny-Drabiniok A., Krezel W. and **Studer M.\***, De Marchis S.\* Astroglialogenesis in the adult hippocampal neurogenic niche is cell-intrinsically controlled by COUP-TFI in vivo. **Cell Reports** **2018**, Jul 10;24(2):329-341. doi: 10.1016/j.celrep.2018.06.044. PMID: 29996095. \*co-last corresponding authors. **F1000 Prime Recommended**.
  26. Ruiz-Reig N., Andres B., Lamonerie T., Theil T., Fairén A. and **Studer M.** The caudo-ventral pallium is a novel pallial domain expressing Gdf10 and generating Ebf3-positive neurons of the medial amygdala. **Brain Struct Funct.** **2018**, Sep; 223(7):3279-3295. doi: 10.1007/s00429-018-1687-0. PMID: 29869132
  27. Odelin G., Faure E., Culpier F., Di Bonito M., Bajolle F., **Studer M.**, Avierinos J.F., Charnay P., Topilko P., Zaffran S. Krox20 defines a subpopulation of cardiac neural crest cells contributing to arterial valves and bicuspid aortic valve. **Development** **2018**, Jan 3;145(1). pii: dev151944. doi: 10.1242/dev.151944.
  28. Ruiz-Reig N and **Studer M.** Rostro-Caudal and Caudo-Rostral Migrations in the Telencephalon: Going Forward or Backward? **Front Neurosci.** **2017**, Dec 21;11:692. doi: 10.3389/fnins.2017.00692. PMID: 29311773 Review.
  29. Parisot, J., Flore, G., Bertacchi, M. and **Studer, M.** COUP-TFI mitotically regulates production and migration of dentate granule cells and modulates hippocampal Cxcr4 expression. **Development** **2017**, Jun 1;144(11):2045-2058. doi: 10.1242/dev.139949. PMID: 28506990
  30. Di Bonito, M., and **Studer, M.\***, Puelles L.\*. Nuclear derivatives and axonal projections originating from rhombomere 4 in the mouse hindbrain. **Brain Structure and Function** **2017**, May 3. doi: 10.1007/s00429-017-1416-0. \*co-last corresponding authors. PMID: 28470551
  31. Di Bonito, M. and **Studer, M.** Cellular and molecular underpinnings of neuronal assembly in the central auditory system during mouse development. Review Front. Neural Circuits, **Frontiers in Neural Circuits** **2017**, Apr 19; 11:18. doi: 10.3389/fncir.2017.00018. PMID: 28469562
  32. Flore, G., Di Ruberto, G., Parisot, J., Sannino, S., Russo, F., Illingworth, E.A. and **Studer, M.\***, De Leonibus, E.\*. Gradient COUP-TFI expression is required for functional organization of the hippocampal septo-temporal longitudinal axis. **Cerebral Cortex** **2017**, Feb 1;27(2):1629-1643. doi: 10.1093/cercor/bhv336. PMID: 26813976 \*co-last corresponding authors.
  33. Glasco DM, Pike W, Qu Y, Reustle L, Misra K, Di Bonito M, **Studer M**, Fritzsich B, Goffinet AM, Tissir F, Chandrasekhar A. The atypical cadherin Celsr1 functions non-cell autonomously to block rostral migration of facial branchiomotor neurons in mice. **Dev Biol.** **2016**, Sep 1;417(1):40-9. doi: 10.1016/j.ydbio.2016.07.004
  34. Tonchev AB, Tuoc TC, Rosenthal EH, **Studer M**, Stoykova A. Zbtb20 modulates the sequential generation of neuronal layers in developing cortex. **Mol Brain.** **2016**, Jun 9;9(1):65. doi: 10.1186/s13041-016-0242-2.
  35. Touzot A., Ruiz Reig N., Vitalis T. and **Studer M.** Molecular control of two novel migratory paths for CGE-derived interneurons in the developing mouse brain. **Development** **2016**, May 15;143(10):1753-65. doi: 10.1242/dev.131102. PMID: 2703442
  36. Harb K., Magrinelli E., Nicolas C.S, Lukianets N., Frangeul L., Pietri M., Sun T., Sandoz G., Grammont F., Jabaudon D., and **Studer M.\***, Alfano C. \* Area-specific development of distinct neocortical neuron subclasses is regulated by postnatal epigenetic modifications. **eLife** **2016**, Jan 27;5. doi: 10.7554/eLife.09531. \*co-last corresponding authors. PMID: 26814051
  37. Di Bonito, M., Boulland, J.L., Krezel W., Setti E. and **Studer, M.\***, Glover, J.C.\* Loss of projections, functional compensation and residual deficits in the mammalian vestibulospinal system of *Hoxb1*-deficient mice; **eNeuro** **2015**, Dec 26;2(6). doi: 10.1523/ENEURO.0096-15.2015. PMID: 26730404. \*co-last corresponding authors. PMID: 26730404
  38. Colasante, G., Lignani, G., Rubio, A., Medrihan, L., Yekhleif, L., Sessa, A., Massimino, L., Giannelli, S.G., Sacchetti, S., Caiazzo, M., Leo, D., Alexopoulou, D., Dell'Anno, M.T., Ciabatti, E., Orlando, M., **Studer, M.**, Dahl, A., Gainetdinov, R.R., Taverna, S., Benfenati, F., and Broccoli V. Rapid Conversion of Fibroblasts into Functional Forebrain GABAergic Interneurons by Direct

- Genetic Reprogramming. **Cell Stem Cell** **2015**, Dec 3;17(6):719-34. doi: 10.1016/j.stem.2015.09.002.
39. Zubiolo A, Harb K, **Studer M**, Debreuve E, Descombes X Morphological analysis and feature extraction of neurons from mouse cortices multiscale 3D microscopic images. **Conf Proc IEEE Eng Med Biol Soc.** **2015**; 2015:7466-9. doi: 10.1109/EMBC.2015.7320118. PMID: 26738018
  40. Alfano C., Magrinelli E., Harb K., Hevner R. F. and **Studer M**. Postmitotic control of sensory area specification during neocortical development. **Nature Communications** **2014**, Dec 5;5:5632. doi: 10.1038/ncomms6632. PMID: 25476200
  41. Alfano C., Kawssar H., Magrinelli E. and **Studer M**. COUP-TFs: A long lasting experience in forebrain assembly. *Review in Cell Mol Life Sci.* **2014**, Jan; 71(1):43-62. doi: 10.1007/s00018-013-1320-6. PMID: 23525662
  42. Bovetti S., Bonzano S., Garzotto D., Giannelli S.G., Iannielli A., Armentano, M., **Studer M**. and De Marchis S. COUP-TFI controls activity-dependent tyrosine hydroxylase expression in adult dopaminergic olfactory bulb interneurons. **Development** **2013**, Dec; 140(24):4850-9. doi: 10.1242/dev.089961. PMID: 24227652
  43. Di Bonito M., Glover J.C., **Studer M**. Hox genes and region-specific sensorimotor circuit formation in the hindbrain and spinal cord. **Dev Dyn.** **2013**, Dec;242(12):1348-68. doi: 10.1002/dvdy.24055. PMID: 23996673
  44. Chou S.J., Babot Z., Leingartner A., **Studer M.**, Nakagawa Y., and O'Leary D.D.M. Genulocortical thalamic axon input drives genetic distinctions that differentiate primary and higher order visual cortical areas. **Science** **2013**, Jun 7;340(6137):1239-42. doi: 10.1126/science.1232806.
  45. Alfano C. and **Studer M**. Neocortical arealization: evolution, mechanisms and open questions. *Review in Dev Neurobiol.* **2013**, Jun;73(6):411-47. doi: 10.1002/dneu.22067. PMID: 23239642
  46. Di Bonito M., Narita Y., Mancuso M., Sequino L., Avallone B., Andolfi G., Franzè A., Puelles L., Rijli F.M. and **Studer M**. Assembly of the auditory circuit by a Hox genetic network in the mouse brainstem. **Plos Genetics** **2013**, Feb; 9(2): e1003249. doi: 10.1371/journal.pgen.1003249. PMID: 23408898
  47. D'Angelo A., De Angelis A., Avallone B., Piscopo I., Tammaro R., **Studer M**. and Franco B. Odf1 controls dorso-ventral patterning and axoneme elongation during embryonic brain development. **Plos One** **2012**, 7 (12): e52937. doi:10.1371/journal.pone.0052937. Epub 2012 Dec 27.
  48. Alfano C., Viola L., Heng J.I.T., Pirozzi M., Clarkson M., Flore G., De Maio A., Schedl A., Guillemot F. and **Studer M**. COUP-TFI promotes radial migration and proper morphology of callosal neurons by repressing Rnd2 expression. **Development** **2011**, 138: 4685-4697 PMID: 21965613 (**with COVER**).
  49. **Studer M**. The use and re-use of transcription factors during brain development. **Dev Neurobiol.** **2011**, 71(8):663-4.
  50. D'Aquino R., Tirino V., Desiderio V., **Studer M.**, Cusella De Angelis G., Laino L., De Rosa A., Di Nucci D., Sabata M., Paino F., Sampaolesi M., Papaccio G. Human neural crest-derived postnatal cells exhibit remarkable embryonic attributes either *in vitro* or *in vivo*. **European Cells and Materials** **2011**, 21: 304-316.
  51. Lodato S., Tomassy Srubek G., De Leonibus E., Uzcategui Y.G., Andolfi G., Armentano M., Touzot A., Gaztelu J. M., Arlotta P., Menendez de la Prida L. and **Studer M**. Loss of COUP-TFI alters the balance between caudal ganglionic eminence- and medial ganglionic eminence-derived interneurons and results in resistance to epilepsy. **Journal of Neuroscience** **2011**, 31(12): 4650-4662. doi: 10.1523/JNEUROSCI.6580-10.2011. PMID: 21430164
  52. Lodato S., Rouaux C., Quast K.B., Jantrachotechatchawan C., **Studer M.**, Hensch T. K. and Arlotta P. Excitatory Projection Neuron Subtypes Differentially Control the Distribution of Local Inhibitory Interneurons in the Cerebral Cortex. **Neuron** **2011**, 69: 1-17. doi: 10.1016/j.neuron.2011.01.015.
  53. Srinivasan RS, Geng X, Yang Y, Wang Y, Mukatira S, **Studer M**, Porto MP, Lagutin O, Oliver

- G. The nuclear hormone receptor Coup-TFII is required for the initiation and early maintenance of Prox1 expression in lymphatic endothelial cells. *Genes and Development* **2010**, *24*(7): 696-707.
54. Tomassy Srubek G., De Leonibus E., Jabaudon D., Lodato S., Alfano C., Mele A., Macklis J.D. and **Studer M.** Area-specific temporal control of corticospinal motor neuron differentiation by COUP-TFI. *PNAS* **2010**, *107*(8): 3576-81. PMID: 20133588 doi: 10.1073/pnas.0911792107.
  55. Fuentealba, P., Klausberger, T., Karayannis, T., Suen, W.Y., Huck, J., Tomioka, R., Rockland, K., Capogna, M., **Studer, M.**, Morales, M., and Somogyi, P. Expression of COUP-TFII Nuclear Receptor in Restricted GABAergic Neuronal Populations in the Adult Rat Hippocampus. *Journal of Neuroscience* **2010**, *30*(5):1595-1609.
  56. Vivancos V, Chen P, Spassky N, Qian D, Dabdoub A, Kelley M, **Studer M**, Guthrie S. Wnt activity guides facial branchiomotor neuron migration, and involves the PCP pathway and JNK and ROCK kinases. *Neural Development* **2009**, *11*, 4-7.
  57. Fuentealba P., Tomioka R., Dalezios Y., Marton L., Morales M., **Studer M.**, Rockland K., Klausberger T., and Somogyi P. Rhythmically active enkephalin-expressing GABAergic cells in the CA1 area of the hippocampus project to the subiculum and preferentially innervate interneurons. *Journal of Neuroscience* **2008**, *40*, 10017-22.
  58. Hendershot T.J., Liu H., Clouthier D.E., Shepherd I.T., Coppola E., **Studer M.**, Firulli A.B., Pittman D.L., Howard M.J. Conditional deletion of Hand2 reveals critical functions in neurogenesis and cell type-specific gene expression for development of neural crest-derived noradrenergic sympathetic ganglion neurons. *Developmental Biology* **2008**, *319*, 179-91.
  59. Faedo A., Srubek Tomassy G., Ruan Y., Teichmann H., Krauss S., Pleasure S.J., Tsai S.Y., Tsai M.J., **Studer M.** and Rubenstein J.L.R. COUP-TFI Coordinates Cortical Patterning, Neurogenesis and Lamina Fate and Modulates MAPK/ERK, AKT and  $\beta$ -Catenin Signaling. *Cerebral Cortex* **2008**, *9*, 2117-31.
  60. Armentano M., Chou S. J., Srubek Tomassy G., Leingärtner A., O'Leary D.D.M. and **Studer M.** COUP-TFI regulates the balance of cortical patterning between frontal/motor and sensory areas. *Nature Neuroscience* **2007**, *10*, 1277-1286 (*with COVER*). Epub 2007 Sep 9. PMID: 17828260 doi: 10.1038/nn1958.
  61. Halilagic A., Ribes V., Ghyselinck N.B., Zile M.H., Dolle P. and **Studer M.** Retinoids control anterior and dorsal properties in the developing forebrain. *Developmental Biology* **2007**, *303*, 362-75.
  62. Armentano M., Filosa A., Andolfi G. and **Studer M.** COUP-TFI is required for the formation of commissural projections in the forebrain by regulating axonal growth. *Development* **2006**, *133*, 4151-4162. Epub 2006 Oct 4. PMID: 17021036
  63. Coppola E., Pattyn A., Guthrie S., Golidis C. and **Studer M.** Reciprocal gene replacements reveal unique functions for Phox2 paralogous homeobox genes during neural differentiation. *EMBO Journal* **2005**, *24*, 4392-403. doi: 10.1038/sj.emboj.7600897. Epub 2005 Dec 1. PMID: 16319924
  64. Ferrante M.I., Zullo A., Barra A., Bimonte S., Messaddeq N., **Studer M.**, Dolle P., and Franco B. Oral-facial-digital type I protein is required for primary cilia formation and left-right axis specification. *Nature Genetics* **2006**, *38*, 112-7.
  65. **Studer M.\***, Filosa A. and Rubenstein J.L.R. The nuclear receptor COUP-TFI represses differentiation of Cajal-Retzius cells. \*corresponding author. *Brain Research Bulletin* **2005**, *66*, 394-401.
  66. Tripodi M., Filosa A., Armentano M. and **Studer M.** The nuclear receptors COUP-TFs regulate cell migration in the mammalian basal forebrain. *Development* **2004**, *131*, 6119- 29.
  67. Halilagic A., Zile M.H. and **Studer M.** A novel role for retinoids in patterning the avian forebrain during presomite stages. *Development* **2003**, *130*, 2039-2050.
  68. **Studer M.** Initiation of facial motor neuron migration is dependent on rhombomeres 5 and 6. *Development* **2001**, *128*, 3707-3716.

69. Pata I.\* , **Studer M.\*** van Doorninck H., Briscoe J., Kuuse S., Engel J.D., Grosveld F. and Karis A. The transcription factor GATA3 is a downstream effector of *Hoxb1* specification in rhombomere 4. (\* joint first authors). *Development* **1999**, *126*, 5523-5531.
70. **Studer M.**, Gavalas A., Marshall H., Ariza-McNaughton L., Chambon P. and Krumlauf R. Genetic interactions between *Hoxa1* and *Hoxb1* reveal new roles in regulation of early hindbrain patterning. *Development* **1998**, *125*, 1025-1036.
71. Gavalas A.\* , **Studer M.\***, Lumsden A., Rijli F., Krumlauf R. and Chambon P. *Hoxa1* and *Hoxb1* synergize in patterning the hindbrain, cranial nerves and second pharyngeal arch. (\* joint first authors). *Development* **1998**, *125*, 1123-1136.
72. Krumlauf R., Manzanares M., Nonchev S., Maconochie M., Gould A., Morrison A., Pöpperl H., **Studer M.**, Cordes S. and Barsh G. Regulation of hindbrain segmentation. *Developmental Biology* **1997**, *186*(2), 254.
73. Krumlauf R., Manzanares M., Nonchev S., Maconochie M., Gould A., Morrison A., Pöpperl H., **Studer M.**, Cordes S. and Barsh G. Conserved mechanisms in the regulation of hindbrain segmentation in vertebrates. *Journal of Neurochemistry* **1997**, *69* (Suppl), S55.
74. Maconochie M., Nonchev S., **Studer M.**, Chan S.K., Pöpperl H., Sham M.H., Mann R.S. and Krumlauf R. Cross-regulation in the mouse *HoxB* complex: the expression of *Hoxb2* in rhombomere 4 is regulated by *Hoxb1*. *Genes & Development* **1997**, *11*, 1885-1895.
75. **Studer M.**, Lumsden A., Ariza-McNaughton L., Bradley A. and Krumlauf R. Altered segmental identity and abnormal migration of motor neurons in mice lacking *Hoxb-1*. *Nature* **1996**, *384*, 630-634.
76. Marshall H., Morrison A., **Studer M.**, Pöpperl H. and Krumlauf R. Retinoids and *Hox* genes. *The FASEB Journal* **1996**, *Vol.10*, 969-978.
77. Pöpperl H., Bienz M., **Studer M.**, Chan S.K., Aparicio S., Brenner S., Mann R.S. and Krumlauf R. Segmental expression of *Hoxb-1* is controlled by a highly conserved autoregulatory loop dependent upon *exd/Pbx*. *Cell* **1995**, *81*, 1031-1042.
78. **Studer M.**, Marshall H., Pöpperl H., Kuroiwa A. and Krumlauf R. Genetic mechanisms responsible for pattern formation in the vertebrate hindbrain: regulation of *Hoxb-1*. *Neural Cell Specification: Molecular Mechanisms and Neurotherapeutic Implications; Altschul Symposia Series, Vol. 3, Plenum press, New York, 1995*, pp17-28.
79. **Studer M.**, Pöpperl H., Marshall H., Kuroiwa A. and Krumlauf R. Requirement of a conserved retinoic acid response element in rhombomere-restricted expression of *Hoxb- 1*. *Science* **1994**, *265*, 1728-1732.
80. Marshall H., **Studer M.**, Pöpperl H., Aparicio S., Kuroiwa A., Brenner S. and Krumlauf R. A conserved retinoic acid response element is required to establish early expression of *Hoxb- 1*. *Nature* **1994**, *370*, 567-571.
81. Krumlauf R., Marshall H., **Studer M.**, Nonchev S., Sham M.H. and Lumsden A. *Hox* homeobox genes and regionalisation of the nervous system. *Journal of Neurobiology* **1993**, *24*, 1328-1340.
82. **Studer M.**, Terao M., Gianni M. and Garattini E. Characterization of a second promoter for the mouse liver/bone/kidney-type alkaline phosphatase gene: cell and tissue specific expression. *Biochemical and Biophysical Research Communications* **1991**, *179*, 1352- 1360.
83. Gianni M., **Studer M.**, Carpani G., Terao M. and Garattini E. Retinoic acid induces liver/bone/kidney-type alkaline phosphatase gene expression in F9 teratocarcinoma cells. *Biochemical Journal* **1991**, *274*, 673-678.
84. Terao M., **Studer M.**, Gianni M. and Garattini E. Isolation and characterization of the mouse liver/bone/kidney-type alkaline phosphatase gene. *Biochemical Journal* **1990**, *268*, 641-648.
85. Terao M., Tabe L., Garattini E., Sartori D., **Studer M.** and Mintz B. Isolation and characterization of variant cDNAs encoding mouse tyrosinase. *Biochemical and Biophysical Research Communications* **1989**, *159*, 848-853.

86. Stanyon R., **Studer M.**, Dragone A., De Benedectis G. and Brancati C. Population cytogenetics of Albanians in the province of Cosenza (Italy): frequency of Q and C band variants. *International Journal of Anthropology* 1988, 3, 19-29.