

CURRICULUM VITAE ET STUDIORUM

PERSONAL

Name: Annalisa Inversetti

Date of birth: 02/08/1986

Place of birth: Novara, Italy



EDUCATION

- 2001 - 2005 Lyceum at Liceo Scientifico San Lorenzo, Novara, Italy
Maturità Scientifica
- 2005 - 2011 Medical School at Università Vita-Salute San Raffaele, Milano, Italy
Laurea Specialistica in Medicina e Chirurgia, Summa Cum Laude and Honors
- 2009 - 2011 Intern at Department of in Obstetrics and Gynaecology, San Raffaele, Milano, Italy
Director: Prof. Augusto Ferrari
- 2011 Thesis: Prospective evaluation of potential predictive markers of pre-eclampsia analysing messenger RNAs circulating in maternal plasma
Supervisor: Prof. Massimo Candiani
- 2012 Certification of professional competence "Abilitazione nazionale all'esercizio della professione medica".

CLINICAL ACTIVITY

- 2012 - 2017 Resident in Obstetrics and Gynaecology, San Raffaele, Milano, Italy.
Director: Prof. Massimo Candiani.
- 2013 - 2017 Clinical activity at Centro Salute Feto, San Raffaele Scientific Institute devoted to prenatal diagnosis, nuchal translucency, fetal abnormalities scan, and invasive procedures (amniocentesis and chorionic villus sampling).
- 2015 - 2017 Observership and clinical case discussion at the Fetal Echocardiographic Unit, Policlinico San Donato, Milano, Italy
Supervisor: Dr. Vlasta Fesslova.
- 2016 Fetal Medicine Foundation Certification for Nuchal translucency and nasal bone (Fetal Medicine Foundation ID: 138214).
- 2017 Diploma di Specializzazione in Ginecologia ed Ostetricia, Summa Cum Laude.
Thesis: Longitudinal evaluation of fetal growth and placental perfusion of euploid fetuses with isolated heart diseases.

Supervisors: Prof. Massimo Candiani, Dr. Paolo Cavoretto, Dr. Vlasta Fesslova.

- 2017 - 2018 Katholieke Universiteit Leuven Training course in laparoscopic surgery.
2018 Basic Robotic surgery skills training at ORSI Academy, Melle, Belgium

RESEARCH AND SCIENTIFIC ACTIVITY

- 2009 - 2017 Research activity at Centro Salute Feto, San Raffaele Scientific Institute, devoted at data collection, original studies design and development and meta-analyses.
- 2017 - 2018 Research fellowship at Fetal Surgery Group, Department of Development and Regeneration, Katholieke Universiteit Leuven, Leuven, Belgium.
Supervisor: Prof. Jan Deprest
The fellowship was devoted to translational research on animal model for spina bifida aperta and for anaesthesia-induced damage to fetal brain and to clinical research on the neurodevelopmental outcomes after surgical treatment of spina bifida aperta
- 2017 Federation of European Laboratory Animal Science Associations (FELASA) Certification Category B, Katholieke Universiteit Leuven, Leuven, Belgium.
- 2018 Workshop Cochrane Review, Belgian Centre for Evidence Based Medicine (CEBAM), Katholieke Universiteit Leuven, Leuven, Belgium.

TEACHING AND EDUCATIONAL ACTIVITY

1. Tutor for the course "Ecografia diagnostica e operativa in ginecologia ed ostetricia. Supplementary course for medical students" at Vita-Salute San Raffaele University, 2016-2017, Milan, Italy.
2. Frontal lesson "Gestational diabetes" for the course of Obstetrics and Gynecology in medical school International Program at Vita-Salute San Raffaele University, 2017, Milan, Italy.

MEMBERSHIP IN SCIENTIFIC SOCIETIES

2015 - SIEOG: Società Italiana di Ecografia Ostetrico Ginecologica

2015 - ISUOG: International Society of Ultrasound in Obstetrics and Gynecology

LECTURER

17th World Congress in Fetal Medicine. Title: neurodevelopmental outcomes in children with spina bifida aperta operated prenatally versus postnatally". Athens, 2018.

GRANTS AND FOUNDING

2017 - Grant "Borsa di specializzazione medica in Ginecologia ed Ostetricia Fondo A.Griffini - Varese". Euro 15.000. Awarded for the project "Prenatal Intervention for spina bifida aperta".

CLINICAL STUDIES

1. CHILD (Congenital CMV Infection Lombardy) study. Founding: Regione Lombardia.
Role: participation in patient enrolment
2. A generalized prediction framework of preterm birth: The combination of maternal risk factors, fetal and newborn functional and structural brain connectivity for predicting neurodevelopmental outcome. Founding: Bando Ricerca Finalizzata 2016-02364081. Role: participation in patient enrolment

PUBLICATIONS

Total publications: 14

Total impact factor: 45

Total citation index: 85

Total H Index: 3

Articles published on scientific journals indexed in PUBMED and SCOPUS:

1. Garavaglia, E., **Inversetti, A.**, Ferrari, S., De Nardi, P., Candiani, M. Are symptoms after a colorectal segmental resection in deep endometriosis really improved? The point of view of women before and after surgery. (2018) *Journal of Psychosomatic Obstetrics and Gynecology*, pp. 1-4. Article in Press.
2. **Inversetti, A.**, Mandia, L., Candiani, M., Cetin, I., Larcher, A., Savasi, V., Papaleo, E., Cavoretto, P. Uterine artery Doppler pulsatility index at 11-38 weeks in ICSI pregnancies with egg donation. (2018) *Journal of Perinatal Medicine*, 46 (1), pp. 21-27.
3. Cavoretto, P., Candiani, M., Giorgione, V., **Inversetti, A.**, Abu-Saba, M.M., Tiberio, F., Sigismondi, C., Farina, A. Risk of spontaneous preterm birth in singleton pregnancies conceived after IVF/ICSI treatment: meta-analysis of cohort studies. (2018) *Ultrasound in Obstetrics and Gynecology*, 51 (1), pp. 43-53.
4. Giorgione, V., Parazzini, F., Fesslova, V., Cipriani, S., Candiani, M., **Inversetti, A.**, Sigismondi, C., Tiberio, F., Cavoretto, P. Congenital heart defects in IVF/ICSI pregnancy: systematic review and meta-analysis. (2018) *Ultrasound in Obstetrics and Gynecology*, 51 (1), pp. 33-42.
5. Leone Roberti Maggiore, U., **Inversetti, A.**, Schimberni, M., Viganò, P., Giorgione, V., Candiani, M. Obstetrical complications of endometriosis, particularly deep endometriosis. (2017) *Fertility and Sterility*, 108 (6), pp. 895-912.
6. Cavoretto, P., Giorgione, V., Cipriani, S., Viganò, P., Candiani, M., **Inversetti, A.**, Ricci, E., Parazzini, F. Nuchal translucency measurement, free β -hCG and PAPP-A concentrations in IVF/ICSI pregnancies: systematic review and meta-analysis. (2017) *Prenatal Diagnosis*, 37 (6), pp. 540-555.
7. Giorgione, V., **Inversetti, A.**, Cavoretto, P., Valsecchi, L., Mangili, G., De Cobelli, F., Lucianò, R., Pasi, F., Candiani, M. A case of pre-eclampsia and foetal growth restriction after embolisation for a postmolar uterine arteriovenous malformation. (2016) *Journal of Obstetrics and Gynaecology*, 36 (1), pp. 68-69.

8. Maggiore, U.L.R., Ferrero, S., Mangili, G., Bergamini, A., **Inversetti, A.**, Giorgione, V., Viganò, P., Candiani, M. A systematic review on endometriosis during pregnancy: Diagnosis, misdiagnosis, complications and outcomes. (2016) *Human Reproduction Update*, 22 (1), pp. 70-103.
9. Salvianti, F., **Inversetti, A.**, Smid, M., Valsecchi, L., Candiani, M., Pazzagli, M., Cremonesi, L., Ferrari, M., Pinzani, P., Galbiati, S. Prospective evaluation of RASSF1A cell-free DNA as a biomarker of pre-eclampsia. (2015) *Placenta*, 36 (9), pp. 996-1001.
10. Garavaglia A., Serafini A., **Inversetti A.**, Ferrari S., Tandoi I., Corti L. Adenomyosis and its impact on women fertility. (2015) *Iran J Reprod Med*, 13 (6), pp. 327-36.
11. Galbiati, S., **Inversetti, A.**, Causarano, V., Stenirri, S., Soriani, N., Ambrosi, A., Valsecchi, L., Candiani, M., Cremonesi, L., Ferrari, M., Smid, M. HIF1A and MIF as potential predictive mRNA biomarkers of pre-eclampsia: A longitudinal prospective study in high risk population. (2015) *Clinical Chemistry and Laboratory Medicine*, 53 (9), pp. 1339-1347.
12. **Inversetti, A.**, Smid, M., Candiani, M., Ferrari, M., Galbiati, S. Predictive biomarkers of pre-eclampsia and effectiveness of preventative interventions for the disease (2014) *Expert Opinion on Biological Therapy*, 14 (8), pp. 1161-1173.
13. Canti, V., Maggio, L., Ramirez, G.A., Locatelli, A., Cozzolino, S., Ramoni, V., Ruffatti, A., Tonello, M., Valsecchi, L., Rosa, S., **Inversetti, A.**, Manfredi, A.A., Sabbadini, M.G., Castiglioni, M.T., Rovere-Querini, P. Hypertension negatively affects the pregnancy outcome in patients with antiphospholipid syndrome. (2012) *Lupus*, 21 (7), pp. 810-812.
14. **Inversetti A.**, Serafini A., Manzoni M., Dolcetta Capuzzo A., Valsecchi L., Candiani M. Severe hypothyroidism causing pre-eclampsia-like syndrome. *Case Rep Endocrinol*. 2012;2012:586056.

Articles currently under revision by the editorial office of scientific journals indexed in PUBMED and SCOPUS:

1. **Inversetti A.**, Van der Veecken L., Thompson D., Jansen K., Van Calenbergh F., Joyeux L., Bosteels J., Deprest J. Neurodevelopmental outcome in children with spina bifida aperta repaired prenatally versus postnatally: a systematic review and meta-analysis. (2018) *Ultrasound Obstet Gynecol*, Major revision
2. **Inversetti A.**, Fesslova V., Giorgione V., Candiani M., Deprest J., Cavoretto P. Prenatal development in isolated cyanotic and non-cyanotic congenital heart defects. (2018) *Fetal Diagnosis and Therapy*, Major revision

ABSTRACTS

Abstract presented at national and international congresses:

1. "Uterine Doppler assessment in pregnancies obtained from frozen and fresh blastocyst transfer".
Poster presentation at Congresso Agorà-SIMP (Società Italiana di Medicina Perinatale), Naples, 2017
2. "Uterine artery Doppler Pulsatility Index at 11-14 weeks in ART pregnancies with eggdonation"
Poster presentation at Fetal Medicine Foundation Congress, Crete, 2015
3. "Obstetric outcome in donor oocyte twin pregnancies: a comparison with ART and spontaneous pregnancies".
Abstract presentation at 15th World Congress of Gynecological Endocrinology, Firenze, 2012
4. "Ruolo dell'approccio multidisciplinare delle cardiopatie in gravidanza".
Abstract presentation at 43° Congresso Internazionale di Cardiologia ANMCO, Firenze, 2012
5. "Prospective evaluation of potential predictive markers of pre-eclampsia analyzing messenger RNAs circulating in maternal plasma."
Abstract presentation at 20th FIGO World Congress of Gynecology and Obstetrics, Firenze, 2012
6. "Outcome ostetrico delle gravidanze bigemine da PMA: confronto tra gravidanze da tecniche di riproduzione assistita eterologa, omologa, e gravidanze spontanee." Abstract presentation at 1st Congress Federazione Italiana delle Società Scientifiche della Riproduzione, Firenze, 2011

LINGUISTIC SKILLS

Italian - Native

English - Fluent

Certifications:

1. Preliminary English test, University of Cambridge, ESOL Examinations, May 2003.
2. First Certificate in English, University of Cambridge, ESOL Examinations, June 2005
3. IELTS certificate in English, Examination passed with 7.0 June 2016

INFORMATIC SKILLS

Proficient software and application use in Windows and Microsoft environment, proficient use of Microsoft Office Word, Excel and PowerPoint, proficient use of IBM SPSS: Data Analysis and Statistical Software and Review Manager. Basic use of R software.