



Newsletter 01/2015

Dear colleagues,

On behalf of **Fertility Medical Group**, I wish you all a Merry Christmas and a healthy and happy new year.

I hope that 2016 continues with the same enthusiasm in the field of Science as that of previous years and that we only continue to progress.

See below our 2015 scientific production:

ARTICLES



- Endometriosis affects oocyte morphology in intracytoplasmic sperm injection cycles

Edson Borges Jr., Daniela Paes de Almeida Ferreira Braga, Amanda Souza Setti, Livia Silva Vingris, Rita de Cassia Savio Figueira, Assumpto Iaconelli Jr.

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- Impact of the number and quality of embryos transferred in multiple and single pregnancies

Thais Machado, Patricia Ramos Guzatti, Daniela Paes de Almeida Ferreira Braga, Edson Borges Jr., Raquel Gomes Aguiar da Silva

[Open Article](#)

- Non-invasive prediction of blastocyst formation by day three embryo culture medium mass spectrometry lipid fingerprinting

Daniela Paes de Almeida Ferreira Braga, Amanda Souza Setti, Elaine Cristina Cabral, Marcos Eberlin, Edson Guimarães Lo Turco, Edson Borges Jr.

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- Does the number of ICSI cycles performed per day or the number of oocytes injected per day has an impact on the cycles' outcome?

Amanda Souza Setti, Daniela Paes de Almeida Ferreira Braga, Rita de Cassia Savio Figueira, Assumpto Iaconelli Jr., Tsutomu Aoki, Edson Borges Jr.

[Open Article](#)

- Racial and ethnic differences in assisted reproduction treatment outcomes: the benefit of racial admixture

Daniela Paes de Almeida Ferreira Braga, Amanda Souza Setti, Assumpto Iaconelli Jr., Paulo Taitson, Edson Borges Jr.

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- Sperm morphological normality under high magnification predicts laboratory and clinical outcomes in couples undergoing ICSI

Livia Silva Vingris, Amanda Souza Setti, Daniela Paes de Almeida Ferreira Braga, Rita de Cassia Savio Figueira, Assumpto Iaconelli Jr., Edson Borges Jr.

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- Poor-responder patients do not benefit from intracytoplasmic morphologically selected sperm injection.

Amanda Souza Setti, Daniela Paes de Almeida Ferreira Braga, Rita de Cassia Savio Figueira, Assumpto Iaconelli Jr, Edson Borges Jr.

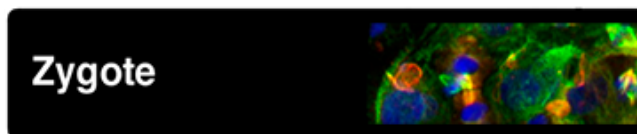
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- Blastocyst morphology holds clues concerning the chromosomal status of the embryo

Rita de Cassia Savio Figueira, Amanda Souza Setti, Daniela Paes de Almeida Ferreira Braga, Assumpto Iaconelli Jr, Edson Borges Jr.

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- The impact of the embryo quality on the risk of multiple pregnancies.

Daniela Paes de Almeida Ferreira Braga, Amanda Souza Setti, Rita de Cassia Savio Figueira, Assumpto Iaconelli Jr, Edson Borges Jr.

[Open Article](#)



- The impact of food intake and social habits on embryo quality and the likelihood of blastocyst formation.

Daniela Paes de Almeida Ferreira Braga, Gabriela Halpern, Amanda Souza Setti, Rita de Cassia Savio Figueira, Assumpto Iaconelli Jr, Edson Borges Jr.



- The negative influence of sperm cryopreservation on the quality and development of the embryo depends on the morphology of the oocyte.

Daniela Paes de Almeida Ferreira Braga, Amanda Souza Setti, Rita de Cassia Savio Figueira, Assumpto Iaconelli Jr, Edson Borges Jr.

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- Decline in semen quality among infertile men in Brazil during the past 10 years.

Edson Borges Jr., Amanda Souza Setti, Daniela Paes de Almeida Ferreira Braga, Rita de Cassia Savio Figueira, Assumpto Iaconelli Jr.

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PRESENTATIONS AT CONGRESSES



- Blastomere nuclearity: The influence of blastomeres with no apparent nuclei on blastocyst formation and quality

Amanda Souza Setti, Daniela Paes de Almeida Ferreira Braga, Rita de Cássia Savio Figueira, Assumpto Iaconelli Jr., Rosane Rodrigues, Edson Borges Jr.

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- The negative influence of sperm cryopreservation on the quality and development of the embryo depends on the morphology of the oocyte

Rita de Cássia Savio Figueira, Daniela Paes de Almeida Ferreira Braga, Amanda Souza Setti, Assumpto Iaconelli Jr., Fabio Firmbach Pasqualotto, Edson Borges Jr.

[Open Poster](#)

- Human sperm lipid fingerprinting by mass spectrometry – a pilot study

Thais Serzedello, Daniela Paes de Almeida Ferreira Braga, Amanda Souza Setti, Elaine Cabral, Edson Lo Turco, Marcos Eberlin, Edson Borges Jr.

[Open Poster](#)

- Non-invasive prediction of human embryo implantation by mass spectrometry fingerprinting

Edson Borges Jr., Sylvia Cortezzi, Daniela Paes de Almeida Ferreira Braga, Amanda Souza Setti, Rita de Cássia Savio Figueira, Elaine Cabral, Marcos Eberlin, Assumpto Iaconelli Jr.



- Cumulus cells proteomics as a tool for selection of patients for extended embryo culture programmes

Amanda Souza Setti, Daniela Paes de Almeida Ferreira Braga, Elaine Cabral, Marcos Eberlin, Fernanda Cordeiro, Edson Lo Turco, Assumpto Iaconelli Jr., Edson Borges Jr.

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- Protein expression in cumulus cells as indicator of pregnancy success

Assumpto Iaconelli Jr., Daniela Paes de Almeida Ferreira Braga, Amanda Souza Setti, Elaine Cabral, Marcos Eberlin, Fernanda Bertuccez, Edson Lo Turco, Edson Borges Jr.

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- The influence of endometriosis on oocyte quality and embryo developmental competence

Edson Borges Jr., Daniela Paes de Almeida Ferreira Braga, Amanda Souza Setti, Rita de Cassia Savio Figueira, Fabio Firmbach Pasqualotto, Assumpto Iaconelli Jr.

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- Non-invasive prediction of blastocyst formation by day three embryo culture medium mass spectrometry lipid fingerprinting

Daniela Paes de Almeida Ferreira Braga, Amanda Souza Setti, Elaine Cabral, Marcos Eberlin, Edson Lo Turco, Edson Borges Jr.

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- Non-invasive prediction of embryo developmental potential by embryo culture medium quantitative secretomic: a pilot study

Jacqueline Camillo, Fernanda Cordeiro, Daniela Paes de Almeida Ferreira Braga, Edson Borges Jr., Edson Lo Turco.

[Open Poster](#)



- The presence of endometriosis affects the oocyte morphology in intracytoplasmic sperm injection cycles

Edson Borges Jr., Daniela Paes de Almeida Ferreira Braga, Amanda Souza Setti, Livia Silva Vingris, Rita de Cássia Savio Figueira, Assumpto Iaconelli Jr.

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- Strategies for the management of the OHSS: results of freezing-all cycles

Edson Borges Jr., Daniela Paes de Almeida Ferreira Braga, Amanda Souza Setti, Livia Silva Vingris, Rita de Cássia Savio Figueira, Assumpto Iaconelli Jr.

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- Non-invasive prediction of blastocyst formation by day three embryo culture medium mass spectrometry lipid fingerprinting

Daniela Paes de Almeida Ferreira Braga, Amanda Souza Setti, Elaine Cristina Cabral, Marcos Eberlin, Edson Lo Turco, Edson Borges Jr.

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- A influência da criopreservação dos espermatozoides na qualidade embrionária depende da morfologia do oócito

Edson Borges Jr., Rodrigo Provenza, Rita de Cassia Savio Figueira, Amanda Souza Setti, Assumpto Iaconelli Jr., Aguinaldo Nardi.

[Open Presentation](#)

- Caracterização do perfil lipídico de espermatozoides humanos por espectrometria de massas

Edson Borges Jr., Thais Serzedello, T.; Rita de Cassia Savio Figueira, Amanda Souza Setti, Assumpto Iaconelli Jr., Aguinaldo Nardi.

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Sincerely yours,
Edson Borges Jr., MD, PhD
Director