



Newsletter 01/2018

Dear colleagues,

On behalf of Fertility Medical Group, I wish you all a Merry Christmas and a Happy New Year.

I hope you all have a fantastic 2019 with the same enthusiasm in the field of Science.

See below our 2018 scientific production:

## ARTICLES



- Sperm morphological normality under high magnification is correlated to male infertility and predicts embryo development

Bianca Ferrarini Zanetti, Daniela Paes de Almeida Ferreira Braga Rodrigo Rosa Provenza, Rita de Cássia Sávio Figueira, Assumpto Iaconelli Jr., Edson Borges Jr.

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- Is there an association between artificial sweeteners consumption and in vitro reproduction outcomes?

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

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- Decline in sperm count in European men during the past 50 years.

Pallav Sengupta, Edson Borges Jr., Sulagna Dutta, Elzbieta Krajewska-Kulak

[Open Article](#)

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- Proteomics in human reproduction

Mauro Bibancos De Rose, Mariana Moraes Piccolomini, Andrea Sammartino Soares Belo, Edson Borges Jr., Francisco Furtado Filho

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- Role of religion, spirituality, and faith in assisted reproduction

Daniela Paes de Almeida Ferreira Braga, Rose Marie Massaro Melamed, Amanda Souza Setti, Bianca Ferrarini Zanetti, Rita de Cássia Sávio Figueira, Assumpto Iaconelli Jr., Edson Borges Jr.

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- Paternal lifestyle factors in relation to semen quality and in vitro reproductive outcomes

Edson Borges Jr., Daniela Paes de Almeida Ferreira Braga, Rodrigo Rosa Provenza, Rita de Cássia Sávio Figueira, Assumpto Iaconelli Jr., Amanda Souza Setti

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- Is perivitelline space morphology of the oocyte associated with pregnancy outcome in intracytoplasmic sperm injection cycles?

Bianca Ferrarini Zanetti, Daniela Paes de Almeida Ferreira Braga, Amanda Souza Setti, Rita de Cássia Sávio Figueira, Assumpto Iaconelli Jr., Edson Borges Jr.

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- Lipidomic profile as a noninvasive tool to predict endometrial receptivity

Daniela Paes de Almeida Ferreira Braga, Edson Borges Jr, Adriana Teixeira Godoy, Daniela Antunes Montani, Amanda Souza Setti, Bianca Ferrarini Zanetti, Rita de Cássia Sávio Figueira, Marcos Nogueira Eberlin, Edson Guimarães Lo Turco

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- Blastomere nucleation: Predictive factors and influence of blastomere with no apparent nuclei on blastocyst development and implantation.

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

[Open Article](#)

- Shorter ejaculatory abstinence interval and maternal endometrium exposure to seminal plasma as tools to improve pregnancy rate in patients undergoing intracytoplasmic sperm injection cycles

Edson Borges Jr., Daniela Paes de Almeida Ferreira Braga, Amanda Souza Setti

[Open Article](#)

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## PRESENTATIONS AT CONGRESSES



- MSOME I-II: a new cut-off value for male infertility and embryo development prediction on intracytoplasmic sperm injection cycles

Edson Borges Jr., Bianca Ferrarini Zanetti, Daniela Paes de Almeida Ferreira Braga, Rodrigo Rosa Provenza, Rita de Cássia Sávio Figueira, Assumpto Iaconelli Jr.

[Open Presentation](#)

- Paternal lifestyle factors and its relationship to semen quality and in vitro reproductive outcomes

Amanda Souza Setti, Daniela Paes de Almeida Ferreira Braga, Rita de Cássia Sávio Figueira, Rodrigo Rosa Provenza, Assumpto Iaconelli Jr.

[Open Presentation](#)

- Immature oocyte incidence: contributing factors and effects on intracytoplasmic sperm injection cycles

Bianca Ferrarini Zanetti, Daniela Paes de Almeida Ferreira Braga, Rita de Cássia Sávio Figueira, Assumpto Iaconelli Jr., Edson Borges Jr.

[Open Presentation](#)

- Lipidomic profile as a non-invasive tool to predict endometrial receptivity in freeze-all cycles

Daniela Paes de Almeida Ferreira Braga, Edson Borges Jr., Adriana Godoy, Gabriela Pilli Oliveira, Marcos N Eberlin, Daniela Antunes Montanni, Amanda Souza Setti, Bianca Ferrarini Zanetti, Erika Ono, Edson Guimirães Lo Turco

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- Circulating microRNAs as biomarkers for controlled ovarian stimulation

Maria Gabriela Ferreira Mulato, Rita de Cássia Sávio Figueira, Daniela Paes de Almeida Ferreira Braga, Bianca Ferrarini Zanetti, Amanda Souza Setti, Murilo Vieira Geraldo, Edson Borges Jr.

[Open Poster](#)

- Endometrial thickness and oocyte quality affect perinatal outcomes in intracytoplasmic sperm injection cycles

Assumpto Iaconelli Jr., Bianca Ferrarini Zanetti, Daniela Paes de Almeida Ferreira Braga, Amanda Souza Setti, Rita de Cássia Sávio Figueira, Edson Borges Jr.

[Open Poster](#)

- Religion, spirituality and faith: What is the real impact on assisted reproduction?

Erika Ono, Daniela Paes de Almeida Ferreira Braga, Bianca Ferrarini Zanetti, Rose Marie Massaro Melamed, Assumpto Iaconelli Jr., Edson Borges Jr.- Pôster

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- Ovarian response to stimulation and suboptimal endometrial development are associated with adverse perinatal outcomes in intracytoplasmic sperm injection cycles

Edson Borges Jr., Bianca Ferrarini Zanetti, Daniela Paes de Almeida Ferreira Braga, Amanda Souza Setti, Rita de Cássia Sávio Figueira, Assumpto Iaconelli Jr.

[Open Presentation](#)

- Serum metabolites as molecular predictive markers of ovarian response to controlled stimulation: a pilot study

Edson Borges Jr., Daniela Antunes Montani, Amanda Souza Setti, Bianca Ferrarini Zanetti, Rita de Cássia Sávio Figueira, Assumpto Iaconelli Jr., Diogo de Oliveira Silva, Daniela Paes de Almeida Ferreira Braga

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- Delayed intracytoplasmic sperm injection: is it worth it?

Daniela Paes de Almeida Ferreira Braga, Carla Andrade Rebello Iaconelli, Caroline Christina Varela Brogilato, Bianca Ferrarini Zanetti, Amanda Souza Setti, Assumpto Iaconelli Jr., Edson Borges Jr., Renata Cristina Ferreira

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- Live birth after delayed intracytoplasmic sperm injection of immature oocyte– a case report

Daniela Paes de Almeida Ferreira Braga, Renata Cristina Ferreira, Caroline Christina Varela Brogilato, Bianca Ferrarini Zanetti, Amanda Souza Setti, Assumpto Iaconelli Jr., Edson Borges Jr., Carla Andrade Rebello Iaconelli

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- Serum metabolomic profiling as a novel approach for the diagnosis of grade III and IV endometriosis

Daniela P. A. F. Braga, Daniela A. Montani, Bianca F. Zanetti, Amanda S. Setti, Edson G. Lo Turco, Diogo O. Silva, Assumpto Iaconelli Jr., Edson Borges Jr.

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- Perivitelline space abnormalities in the oocyte cohort reduces implantation and pregnancy rates in intracytoplasmic sperm injection cycles

Edson Borges Jr., Bianca F. Zanetti, Daniela P. A. F. Braga, Amanda S. Setti, Rita C. S. Figueira, Assumpto Iaconelli Jr.

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- Effect of the GnRH analogue for pituitary suppression on oocyte morphology in repeated ovarian stimulation cycles

Assumpto Iaconelli Jr., Bianca F. Zanetti, Amanda S. Setti, Daniela P. A. F. Braga, Rita C. S. Figueira, Edson Borges Jr.

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## BOOK CHAPTER



- Congelamento de óvulos – aspectos clínicos e laboratoriais

Edson Borges Jr. e Daniela Paes de Almeida Ferreira Braga em: *Tratado de Medicina Reprodutiva . SBRA*

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