



Universidade Federal do Rio Grande – FURG

Faculdade de Medicina – FAMED

PROGRAMA DE PÓS-GRADUAÇÃO EM CIÊNCIAS DA SAÚDE

Nome: TE - JOURNAL CLUB OBESITY (JCO)

Sigla: JCO

Número: 17100P

Créditos: 01

Carga Horária: 15h

Ementa:

“Journal Club Obesity” é uma disciplina interdisciplinar que combina fatos de Bioquímica, Endocrinologia, Biologia Molecular, Imunologia, Genética e Epigenética, Psiquiatria, Farmacologia e Ciência Nutricional.

Bibliografia:

Bibliografia básica: (if possible, use the newest edition of the books)

Human Physiology. Guyton and Hall, newest edition

Human physiology and disease mechanisms. Guyton and Hall

Biochemistry - Text and Atlas. Koolman J.

Biochemical pathways. Michal G. and Schomburg D.

Molecular Biology of the Cell. Alberts B.

Natur Outlook: Obesity. 2014, Springer

Nature Outlook: Diabetes. 2012, Springer

Bibliografia complementar: (list will be completed according to the class needs)

A review of the carbohydrate–insulin model of obesity. Hall KD, 2017

The “adipose tissue expandability” hypothesis: a potential mechanism for insulin resistance in obese youth. S. Caprio, B. Pierpont, R. Kursawe, 2018

How can drug addiction help us understand obesity? N.D. Volkow & R.A. Wise, 2005

Carbohydrate craving: not everything is sweet. Y. Ma, R. Ratnasabapathy, and J. Gardiner, 2017

Evidence that supports the prescription of low-carbohydrate high-fat diets: a narrative review. T.D. Noakes and J. Windt, 2016

The Epigenomic Analysis of Human Obesity. C.G. Bell, 2017

Molecular Mechanism of Insulin Resistance in Obesity and Type 2 Diabetes. Kangduk Choi and Young-Bum Kim, 2010

Leptin Resistance and Obesity. H. Shimizu, S. Oh-I, S. Okada, M. Mori, 2007

Aging and Adipose Tissue. Florido, R., Tchkonja, T., Kirkland, J. L., Chapter 5 in Handbook of the Biology of Aging, 2011

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