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## Gustavo Montiero Silva

### Assistant Professor of Biology

My main research goal is to understand and be able to control how cells respond to stressful and harmful conditions, which are the underlying causes of many human diseases. To achieve this goal...

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## Brian Ross

### Professor of Neurology

My current clinical interests center around the diagnosis and treatment of disorders in sports neurology and sports concussion, autoimmune neurology, general neurology, and neurological education...

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## A synopsis on aging—Theories, mechanisms and future prospects

JP da Costa, GM Silva, +7 authors • Aging Research Reviews • August 2016

Answering the question as to why we age is tantamount to answering the question of what is life itself. There are countless theories as to why and how we age, but, until recently, the very definition of aging – senescence – was still uncertain... [\(More\)](#)

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## Recurrent mutations of chromatin-remodeling genes and kinase receptors in pheochromocytomas and paragangliomas

RA Toledo, GM Silva, +9 authors • Clinical Cancer Research • May 2016

Pheochromocytomas and paragangliomas (PPGL) are catecholamine-secreting tumors of neural crest origin that arise from the sympathetic lineage cells of the adrenal medulla and paraganglia, respectively. More than 40% of these tumors... [\(More\)](#)

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## Quantifying gene expression: the importance of being subtle

GM Silva, C Vogel • Molecular Systems Biology • October 2016

Gene expression is regulated at both the mRNA and protein level through on-off switches and fine-tuned control. In their recent study, Edfors et al (2016) use highly accurate, targeted proteomics methods and examine to what extent... [\(More\)](#)

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[Silva, Gustavo M.](#)

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[Simoes, Vanessa](#)

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[Abraham, Soman Ninan](#)

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[Gorman, Andrew](#)

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Funding Organization ▾

[National Institutes of Health](#)

27

## Defining the roles of ubiquitination during the environmental stress response

**Contributors:** Andrew Gorman, Gustavo M Silva, Vanessa Simoes

**Funding Agency:** National Institutes of Health

**Administered by:** Biology

**Date:** February 15, 2018 - January 31, 2021

## Organization and Function of Cellular Structure

**Contributors:** Soman Ninan Abraham, James Andrew Alspaugh II, Gustavo M Silva, +94 contributors

**Funding Agency:** National Institutes of Health

**Administered by:** Basic Science Departments

**Date:** February 15, 2018 - January 31, 2021

## Bare-bones Grant

**Funding Agency:** National Institutes of Health

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## Contributors ▾

<a href="#">Ralph Snyderman</a>	16
<a href="#">Amy K. Schmid</a>	8

### Bonazinga Award for Excellence in Leukocyte Biology Research

**Award** [Link](#)

**Contributor:** Ralph Snyderman

**Organization:** Society of Leukocyte Biology

**Date:** 1993

### Causation in Biology

**Presentation**

**Contributor:** Robert N. Brandon

**Location:** UNC Chapel Hill

**Date:** September 2, 2012

### Cell Biology Retreat

**Event**