Press releases on a paper whose first and corresponding authors both have affiliation in NIBB

1 January, 2019

Elucidating algal protection mechanisms against excessively strong light and its core component, E3 ubiquitin ligase, prevailing from plants to animals


17 January, 2019

The characterization of a group of proteins necessary for intracellular compartmentalization not performed by the cell membrane: Formation of liquid and solid-like RNA granules by proteins related to long-term memory, ALS and dementia


18 January, 2019

The mechanism of left-right asymmetrical function of the brain firstly elucidated at cellular level


22 January, 2019

Green fluorescence from reef-building corals attracts symbiotic algae


7 February, 2019

The novel mechanism of intercellular signaling caused by morphological changes in cells: Deformation of Wnt producing cells promotes the proliferation of neural stem/progenitor cells

7 March, 2019

Elucidating cellular responses to force: Mechanical force induces phosphorylation-mediated signaling that underlies tissue response and robustness in *Xenopus* embryos


8 April, 2019

The mechanism underlying the temporal suspension (diapose) of the development of mammalian embryos: The timing of suspension and resumption of development differs depending on embryonic region and the individual cell


9 April, 2019

LDAIR, a lncRNA regulates seasonal changes in stress response: Unraveling the mechanism for seasonal adaptation in animals


11 April, 2019

When do male and female differences appear in the development of beetle horns?


26 April, 2019

Single-living-cell quantification of the concentrations and dissociation constants of endogenous proteins by genome editing and microscopic techniques


30 April, 2019

An important function of non-nucleated sperm

22 May, 2019

**Identifying the neural mechanisms that inhibit slow muscle activity during fast swimming in fish**


20 June, 2019

**A novel mechanism for increasing the quality and quantity of oils in soybeans**


9 July, 2019

**Finding of STEMIN (STEM CELL INDUCING FACTOR) for feasible reprogramming in plants**


10 September, 2019

**The discovery of a new function of the gene (CONSTANS) which controls the timing of flower formation in flowering plants: CONSTANS controls photoprotection in green algae**


22 November, 2019

**Recruitment of a lateral root developmental pathway into root nodule formation of legumes**


26 November, 2019

**The determination of the 3d structure of the supercomplex between the light-harvesting complex II and the photosystem II: The full picture of a huge light-harvesting machine with a molecular weight of 1.66 million**

7 January, 2020

Discovery of a new factor informing the plant root of the direction of gravity: A mechanism that makes auxin flow toward the direction of gravity


5 February, 2020

Discovery of a mechanism that selectively eliminates the transcripts of meiotic genes necessary for the formation of reproductive cells


18 February, 2020

The oxytocin (love hormone) controls mate choice in medaka: Oxytocin works in a contrary manner between males and females


4 March, 2020

The importance of the commissural inhibitory neurons that control coordinated left-right body movement in larval zebrafish


18 March, 2020

Control mechanism of force-induced cell-to-cell adhesion