

3日目 (11月16日 (木)) / Day 3 (Nov. 16 Thu.)

座長: 倭 剛久 (名古屋大学), 加藤 祐樹 (名古屋大学)

Session Chairs: Takahisa Yamato (Nagoya Univ.), Yuki Kato (Nagoya Univ.)

09:00~11:45

L会場 (会議室 133+134 (1号館 3F)) / Room L (Conference Room 133+134 (Bldg. 1, 3F))

- 3HL0900 重力屈性と光屈性の関係性~光屈性は重力屈性を阻害する?! ~
Relationship between gravitropism and phototropism ~ Does phototropism inhibit gravitropism?
Haruka Inoue, Itsuki Shibamiya, Chihiro Nishikawa, Akari Mochihara, Kouki Ishikawa (*Koyo H.S.*)
- 3HL0915 水耕栽培した植物はなぜ色水を吸い上げるのか
Why do hydroponic plants pump up colored water
Kota Abe, Ayaka Kamijo, Mana Kamiya, Naaki Niyomura (*Nagoya city Koyo High School*)
- 3HL0930 関西におけるアカハライモリの警告色の模様の分布
Distribution of warning coloration pattern in Kansai red bellied newts
Sora Kazumi^{1,2}, Rikiya Ogawa² (¹*Osaka Prefecture Tondabayashi High School*, ²*Rikijuku Science School*)
- 3HL0945 大和川水系石川のオオシマドジョウの採餌生態
Foraging ecology of *Cobitis* sp. BIWAE type A in Yamato River system Ishi river
Takemasa Otsuka^{1,2}, Ryoto Nakajima^{1,2}, Rikiya Ogawa² (¹*Osaka Prefecture Tondabayashi High School*, ²*Rikijuku Science School*)
- 3HL1000 近縁種アブラハヤとの共存によるタカハヤの形質置換
Substitution of *Rhynchoypris oxycephalus jouyi* trait by coexistence with closely related species *Rhynchoypris lagowskii steindachneri*
Kazuma Hirai^{1,2}, Takemasa Otsuka^{1,2}, Ryoto Nakajima^{1,2}, Sora Kazumi^{1,2}, Syuto Machii¹, Tomoyuki Maeda¹, Rikiya Ogawa² (¹*Osaka Prefecture Tondabayashi High School*, ²*Rikijuku Science School*)
- 3HL1015 ヒマワリのフィボナッチ螺旋構造
Fibonacci Spiral Structure of Sunflower
Fuga Suzuki (*Aichi Prefectural Okazaki High School*)
- 3HL1030 イエウレイグモの初期胚における細胞の集団運動
Collective Cell Dynamics during the Early Embryonic Stage of *Pholcus phalangioides*
Hiroto Shoji, Toshiya Usui (*Aichi Institute of Technology Meiden High School*)
- 3HL1045 深層学習を用いたタンパク質の立体構造と機能予測
Prediction of protein structure and function by deep learning
Yui Nishikawa¹, Haruto Yajima², Tsuyoshi Shirai³, Shigure Saito⁴, Tingting Wang⁴, Takahisa Yamato⁴ (¹*Chikusa H.S.*, ²*Shizuoka H.S.*, ³*Nagahama Inst. Bio-Sci. Tech.*, ⁴*Grad. Sch. Sci., Nagoya Univ.*)
- 3HL1100 髪の毛の修復可能範囲
The Fixable Range of Hair
Norihito Hashi, Nachi Okamoto, Yukine Takamatsu, Hayato Morishita, Shuji Fujita (*Komatsu High School*)
- 3HL1115 豆苗の密度効果に与える条件の研究
Study on Conditions Affecting the Density Effect of Bean Seedlings
Haruka Kometani, Hibiki Tokuda, Momo Yoshita, Ryosuke Kasamaki, Shunsuke Takahashi (*Komatsu High School*)

3HL1130 Aβの線維成長におけるポリフェノールの影響に関する研究
The research on the influence of polyphenols in the fibril growth of Amyloid Beta
Sara Takahashi¹, Saho Izawa², Yui Kanaoka³, Yuto Nonaka³, Yuki Tajimi³, Maho Yagi⁴,
Takayuki Uchihashi³ (¹*Ichinomiya High School*, ²*Tajimi Kita High School*, ³*Nagoya University Graduate School*, ⁴*Nagoya City University*)