

JIC/TSL

Student Annual Science Meeting

For students, by students



31st July

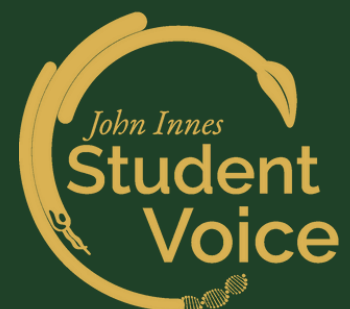
10:00-17:00

Conference
Centre

& Pizza

17:00 onwards

Rec Centre

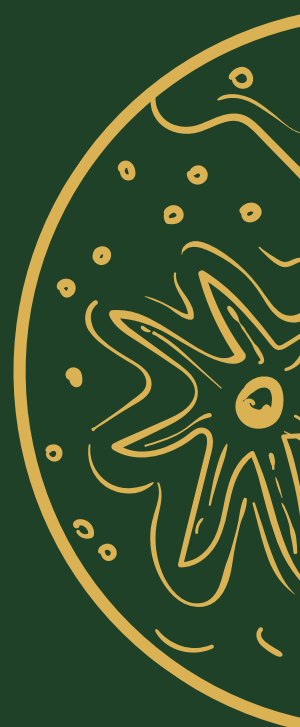


Programme

31st July
Conference
Centre

JIC/TSL

**Student
Annual
Science
Meeting**



Session One

10:00-10:05	<i>Opening remarks</i>	Tom Lock, Qi Yang
10:00-10:25	<i>Super Tuber: Improving diploid potato using a novel gene silencing technology</i>	Thomas Navarro
10:25-10:45	<i>Re-parameterising wheat stem rust models to explore disease dynamics in a changing climate</i>	Cesaree Morier-Gxoyiya
10:45-11:05	<i>Pikobodies: NLR immune receptor-nanobody fusions can confer resistance to the potato blight pathogen <i>Phytophthora infestans</i></i>	Andres Posbeyikian
11:05-11:30	<i>Coffee Break</i>	

Session Two

11:30-12:00	<i>Career Talk : TBD</i>	
12:00-12:20	<i>K-mer haplotype detection for marker generation and breeding</i>	Bernice Waweru
12:20-12:40	<i>Can AI modelling of protein structures distinguish between sensor and helper NLR immune receptors?</i>	AmirAli Toghani
12:40-13:00	<i>Lineage-specific divergence of an immune chaperone complex important for NLR-based disease resistance in land plants</i>	Hyeonmin Jeong
13:00-14:00	<i>Lunch</i>	

Session Three

14:00-14:20	<i>Friends with benefits: Tropical ant-associated Actinomycetota</i>	Bonnie Whatmough
14:20-14:40	<i>Catching a Killer: exploring the recognition of multiple KP6 effectors by a singleton rice NLR</i>	Clemence Rodney
14:40-15:00	<i>Circadian coordination of a metabolic gene cluster</i>	Richard Dekeya
15:00-15:30	<i>Coffee Break</i>	

Session Four

15:30-15:50	<i>NAD+-capped RNA: A new layer of regulation in bacterial virulence</i>	Attilio Pascucci
15:50-16:10	<i>Grains with gains - Identifying novel genetic variation in wheat to increase iron content</i>	Adam Gicgier
16:10-16:30	<i>Guilt by association: a new approach for detecting gene co-expression and its applications in understanding starch synthesis</i>	Georgia Yiasoumi
16:30-16:40	<i>Closing Remarks and Voting</i>	Tom Lock, Qi Yang

16:40 - 18:30 **Pizza Social at Rec & Winners announced.**

