
Molecular mechanisms of muscle wasting during aging and disease

Congressi Stefano Franscini, Monte Verità, Ascona, Switzerland
September 11 - 16, 2022

SUNDAY

Arrival

16.00 - 18.00

Registration

18.00 -19.00

Reception

Keynote Lecture

19.00

Tony Wyss-Coray
Molecular pathways involved in aging

followed by an “icebreaker”

| MONDAY | | 12.09.2022 | |
|--------------------|---|---|--|
| 08.30 - 08.50 | Welcome address from CSF and Monte Verità | | |
| | Session Chair | Aging of skeletal muscle and stem cells | |
| | | N.N. | |
| Speakers | | | |
| 08.50 - 09.15 | Jeff Dilworth | TBA | |
| 09.15 - 09.40 | Michael Rudnicki | <i>Asymmetric satellite cell division</i> | |
| Short talks | | | |
| 09.40 - 09.55 | N.N. | TBA | |
| 09.55 - 10.10 | N.N. | TBA | |
| 10.10 - 10.40 | | Coffee Break | |
| Speakers | | | |
| 10.40 - 11.05 | Tom Cheung | <i>Molecular pathways that control muscle stem cell quiescence in aging</i> | |
| 11.05 - 11.30 | Alessandra Sacco | <i>Mitochondrial function in aging stem cells</i> | |
| Short talks | | | |
| 11.30 - 11.45 | N.N. | TBA | |
| 11.45 - 12.00 | N.N. | TBA | |
| 12.00 - 13.30 | | Lunch Break | |
| | Session Chair | Disease of the nerve-muscle connection | |
| | | N.N. | |
| Speakers | | | |
| 13.30 - 13.55 | Lin Mei | <i>Signaling at the neuromuscular junction</i> | |
| 13.55 - 14.20 | Gregorio Valdez | <i>Aging of the neuromuscular junction and the capping Schwann cells</i> | |
| Short talks | | | |
| 14.20 - 14.35 | N.N. | TBA | |
| 14.35 - 14.50 | N.N. | TBA | |
| 14.50 - 15.20 | | Coffee Break | |
| Speakers | | | |
| 15.20 - 15.45 | Lorenzo Puri | <i>Interactions between FAPs and the neuromuscular junction</i> | |
| 15.45 - 16.10 | xxx | <i>confirmation pending</i> | |
| Short talks | | | |
| 16.10 - 16.25 | N.N. | TBA | |
| 16.25 - 16.40 | N.N. | TBA | |
| 17.00 - 19.00 | | Poster Session (with drinks and snacks) | |
| 19.15 - 20.45 | | Dinner | |

| TUESDAY 13.09.2022 | | |
|--|----------------------|--|
| | Session Chair | Muscle function and homeostasis N.N. |
| Speakers | | |
| 08.50 - 09.15 | Benedicte Chazaud | <i>Cross-talk between macrophages and skeletal muscle fibers</i> |
| 09.15 - 09.40 | Foteini Mourkioti | <i>Telomere shortening; NFkappaB</i> |
| Short talks | | |
| 09.40 - 09.55 | N.N. | TBA |
| 09.55 - 10.10 | N.N. | TBA |
| 10.10 - 10.40 Coffee Break | | |
| Speakers | | |
| 10.40 - 11.05 | Jerome Feige | <i>Targeting mitochondria in aged muscle</i> |
| 11.05 - 11.30 | Erik Richter | <i>The role of muscle in glucose metabolism</i> |
| Short talks | | |
| 11.30 - 11.45 | N.N. | TBA |
| 11.45 - 12.00 | N.N. | TBA |
| 12.00 - 13.30 Lunch Break | | |
| | Session Chair | Mechanisms of aging/Epigenetics and DNA damage N.N. |
| Speakers | | |
| 13.30 - 13.55 | Luigi Ferrucci | <i>Proteomics in sarcopenic human muscle</i> |
| 13.55 - 14.20 | Rafael de Cabo | <i>Effect of caloric restriction on longevity and sarcopenia</i> |
| Short talks | | |
| 14.20 - 14.35 | N.N. | TBA |
| 14.35 - 14.50 | N.N. | TBA |
| 14.50 - 15.20 Coffee Break | | |
| Speakers | | |
| 15.20 - 15.45 | xxx | <i>confirmation pending</i> |
| 15.45 - 16.10 | Vera Gorbunova | <i>Aging and DNA repair</i> |
| Short talks | | |
| 16.10 - 16.25 | N.N. | TBA |
| 16.25 - 16.40 | N.N. | TBA |
| 17.00 - 19.00 Poster Session (with drinks and snacks) | | |
| 19.15 - 20.45 Dinner | | |

Molecular mechanisms of muscle growth and wasting in health and disease 2022

WEDNESDAY 14.09.2022

| | Session Chair | Muscle size; force transduction and aging |
|--------------------|----------------------|--|
| Speakers | | N.N. |
| 08.50 - 09.15 | Tea Shavlakadze | <i>Aging, muscle, mTOR</i> |
| 09.15 - 09.40 | Doug Millay | <i>Mechanisms involved in muscle hyperplasia</i> |
| Short talks | | |
| 09.40 - 09.55 | N.N. | <i>TBA</i> |
| 09.55 - 10.10 | N.N. | <i>TBA</i> |

10.10 - 10.40 Coffee Break

| | | |
|--------------------|----------------|--|
| Speakers | | |
| 10.40 - 11.05 | Abigail MacKay | <i>The myotendinous junction in humans</i> |
| 11.05 - 11.30 | xxx | <i>confirmation pending</i> |
| Short talks | | |
| 11.30 - 11.45 | N.N. | <i>TBA</i> |
| 11.45 - 12.00 | N.N. | <i>TBA</i> |

12.00 - 13.30 Lunch Break

AFTERNOON: free

EVENING: free

| THURSDAY | | 15.09.2022 |
|---------------------------------------|-----------------------|--|
| | Session Chair | Epigenetics of muscle aging and size control N.N. |
| Speakers | | |
| 08.50 - 09.15 | Se-Jin Lee | <i>Control of muscle mass by extrinsic factors</i> |
| 09.15 - 09.40 | Vittorio Sartorelli | <i>Epigenetic regulation of myogenesis</i> |
| Short talks | | |
| 09.40 - 09.55 | N.N. | TBA |
| 09.55 - 10.10 | N.N. | TBA |
| 10.10 - 10.40 Coffee Break | | |
| Speakers | | |
| 10.45 - 11.10 | Haim Cohen | <i>Sirt6 and muscle aging</i> |
| 11.10 - 11.35 | xxx | <i>confirmation pending</i> |
| Short talks | | |
| 11.30 - 11.45 | N.N. | TBA |
| 11.45 - 12.00 | N.N. | TBA |
| 12.00 - 13.30 Lunch Break | | |
| | Session Chair | Muscle diseases and development of therapeutic strategies N.N. |
| Speakers | | |
| 13.30 - 13.55 | Karyn Esser | <i>Circadian clock and muscle disease</i> |
| 13.55 - 14.20 | Gisele Bonne | <i>The role of lamin-A in senescence and muscle diseases</i> |
| Short talks | | |
| 14.20 - 14.35 | N.N. | TBA |
| 14.35 - 14.50 | N.N. | TBA |
| 14.50 - 15.15 Coffee Break | | |
| Speakers | | |
| 15.15 - 15.40 | Kevin Campbell | <i>Role of glycosylation in muscle wasting diseases</i> |
| 15.40 - 16.05 | Carsten Bönnemann | <i>Treatment options of severe neuromuscular diseases</i> |
| Short talks | | |
| 16.05 - 16.20 | N.N. | TBA |
| 16.20 - 16.35 | N.N. | TBA |
| 16.45 - | Poster Award Ceremony | |
| 19.00 - Transfer to Restaurant | | |
| GALA DINNER | | |

FRIDAY

16.09.2022

Departure