Kick-off Meeting of the Life & Health Science Cluster Tirol

December 3 & 4, 2018 -MCI Management Center Innsbruck, Universitätsstr. 15, 3. Floor/Aula, Innsbruck

Life & Health Science Cluster Tirol

Monday, December 3, 2018:

11:30 **Registration**

12:00 **Opening Words:**
Prof. Dr. Frank Edenhofer, LFUI, Speaker of the Cluster
Prof. Dr. Andreas Altmann, MCI, Representative THK
Prof. Dr. Bernhard Tilg, Territorial Council Tyrol
Franz X. Gruber, Vice-Mayor Innsbruck

12:30. **Keynote Talk: Prof. Dr. Elena Cattaneo**, University Milan, Italy
Stories of Science, cells and freedom (40+10), Chair: Prof. Dr. Frank Edenhofer, LFUI

13:20 **Ageing, Regeneration, Prevention & Therapy**, Chair: Prof. Dr. Elke Gizewski, MUI

- Prof. Dr. Lukas Huber, MUI: *Mini organs in personalized medicine* (20+3)
- Ass.-Prof. Dr. Jerome Mertens, LFUI: *Age-equivalent and adult-like induced neurons reveal a de-differentiated neuronal state in Alzheimer's Disease* (10+2)

13:55 **Ethical, Social & Legal Aspects**, Chair: Prof. Dr. Gabriele Werner-Felmayer, MUI

- FH-Prof. Dr. Markus Frischhut, MCI: *The ethical spirit of EU law in health, science and new technologies* (10+2)
- Ass.-Prof. Dr. Magdalena Flatscher-Thöni, UMIT & Dr. Caroline Voithofer, LFUI: *The (Austrian) Law on Reproductive Medicine: some Empirical and Dogmatic Findings* (20+3)

14:30 **Poster Session & Coffee Break**

16:00 **Keynote Talk: Prof. Dr. Alena Buyx**, Technical University Munich, Germany
Ethics and the Biomedical Life Sciences - what are the big issues (40+10),
Chair: Dr. Verena Stühlinger, UMIT

16:50 **Public Health,** Chair: Prof. Dr. Siegfried Walch, MCI

- Prof. Dr. Armin Fidler, MCI: *New Boundaries for Public Health - implications for health policy* (20+3)
- Dr. Katharina Wirnitzer, PHT: *Health Status of Vegetarian and Vegan Endurance Runners – Lessons to be learned from the NURMI Study (Step 2) to improve the health of adolescents: a dual approach for better public health*, (10+2)

17:25 **Coffee Break**

18:00 ***Öffentlich: Impulsvorträge und Podiumsdiskussion, in deutscher Sprache***
Chancen und Risiken der modernen Lebens- und Gesundheitswissenschaften
Moderation: Mag. Matthias Fink
Grundlagenforschung: Prof. Dr. Frank Edenhofer (LFUI), Bioethik: Prof. Dr. Alena Buyx (TUM)
Landesrat Prof. Dr. Bernhard Tilg, Transplantationsmedizin: Prof. Dr. Stefan Schneeberger (MUI)

19:30 **Christmas Market Themed Evening Reception (Registered Participants)**

Tuesday, December 4, 2018:

09:00 **Biodiversity, Nutrition & Alpine Area**, Chair: Ass.-Prof. Verena Labi, MUI

- Prof. Dr. Ilse Kranner, LFUI: *Plants: from Food to Health* (20+3)
- Sandra Dalvai, MCI, *Valorization of innovative bio-economical potentials along the value chain of apple*. (10+2)

09:35 **Health Technologies**, Chair: Prof. Dr. Torsten Wojciechowski, FH Kufstein

- Prof. Dr. Daniel Baumgarten, UMIT: *Chances, challenges and risks of magnetic nanoparticles in biomedical diagnostics and therapy* (20+3)
- Prof. Dr. Reto Bale, MUI, *Stereotactic radiofrequency ablation (SRFA) of primary and secondary liver tumors* (10+2)

10:10 **Poster Session & Coffee Break**

11:00 **Education & Management,** Chair: Prof. Dr. Silvia Jordan, LFUI

- Eva-Maria Jabinger, FHG: *Training im interprofessionellen Simulationstrainings-zentrum (ITZ) und der damit mögliche Beitrag zur Erhöhung der PatientInnensicherheit* (20+3)
- Prof. Dr. Thorsten Schwerte, LFUI: *GPS-location based gamification as a tool for health and life science education and structured outside the lab data acquisition* (10+2)

11:35 **Big Data,** Chair: Prof. Dr. Daniel Baumgarten, UMIT

- Prof. Dr. Zlatko Trajanoski, MUI: *Computing and probing cancer immunity* (20+3)
- Ass.-Prof. Dr. Werner Hackl, UMIT: *Big Data in Healthcare: The SPIRIT Approach to Stepwise Setup and Evolution of Holistic Clinical Routine Data Reuse Solutions* (10+2)

12:10 **Closing & Awards,** Chairs: Prof. Dr. Elke Gizewski, MUI & Prof. Dr. Silvia Jordan, LFUI

More information and updates: www.lhsct.at

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