

“Somewhere, something incredible is waiting to be known.”

Carl Sagan

Isabella Saggio

www.saggiolab.com

Lets visit the web site together

Getting to know each other

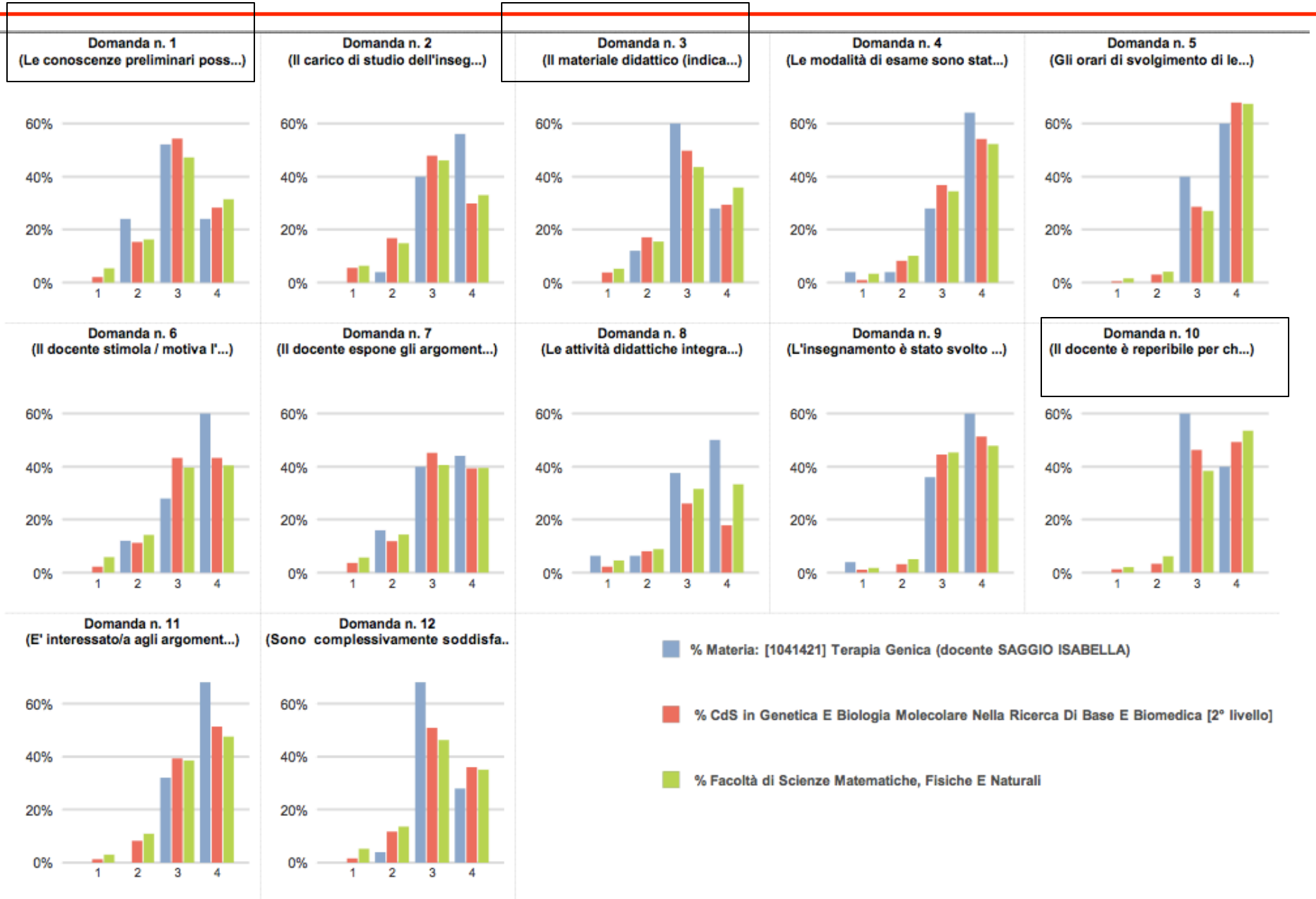
Done (exams)

To be done (exams)

Why are you here

What to expect

Let's do better



YOUR FUTURE

- Internationalization:
- Singapore NTU, Dallas University
- Science journalism: www.mastersgp.it
- Ustem master www.masterustem.it
- Thesis and PhD requests

QUESTIONS?

Course:

Verranno fornite agli studenti conoscenze relative alle cellule staminali embrionali di mammifero e a quelle adulte, derivate dai differenti tessuti. Verranno inoltre descritte le tecniche per la produzione delle cellule staminali indotte e le loro proprietà. Saranno quindi affrontati i diversi contesti di utilizzo in biomedicina delle cellule staminali, così come le procedure per la modificazione genetica delle cellule staminali attraverso l'uso di vettori virali e del *gene editing*. Verranno infine forniti cenni sulle questioni bioetiche e regolatorie relative all'uso delle cellule staminali in biomedicina.

References:

- **Advanced Textbook on Gene Transfer, Gene Therapy and Genetic Pharmacology World Scientific Scherman 2014**
- **Stem cell: biology and engineering / Puc Van Pham. Springer. 2018 *ebook***
- **Gene Therapy in Neurological Disorders 1st Edition, *Kindle Edition***
- **Cell and Gene Therapies (Advances and Controversies in Hematopoietic Transplantation and Cell Therapy) 1st ed. 2019 Edition, *Kindle Edition***
- **Articoli segnalati durante il corso, caricati su saggiolab e raggiungibili via elearning**

www.saggiolab.com; psw 2013/2014

Project

Subjects:

Group I: Telomeropathies (including laminopathies)

Group II: Cancer

Group III: Fibrous dysplasia

Phase 1: background

Phase 2: project presentation

Signature for groups

Prepare poster , in the notes insert the text

Test

Go to the journal cell stem cell IF 20

Take the paper

SARS-CoV-2 Infection of Pluripotent Stem Cell-derived Human Lung Alveolar Type 2 Cells Elicits a Rapid Epithelial-Intrinsic Inflammatory Response

Cell stem cell 2020

Make a list of 5 crucial points and say why they are crucial