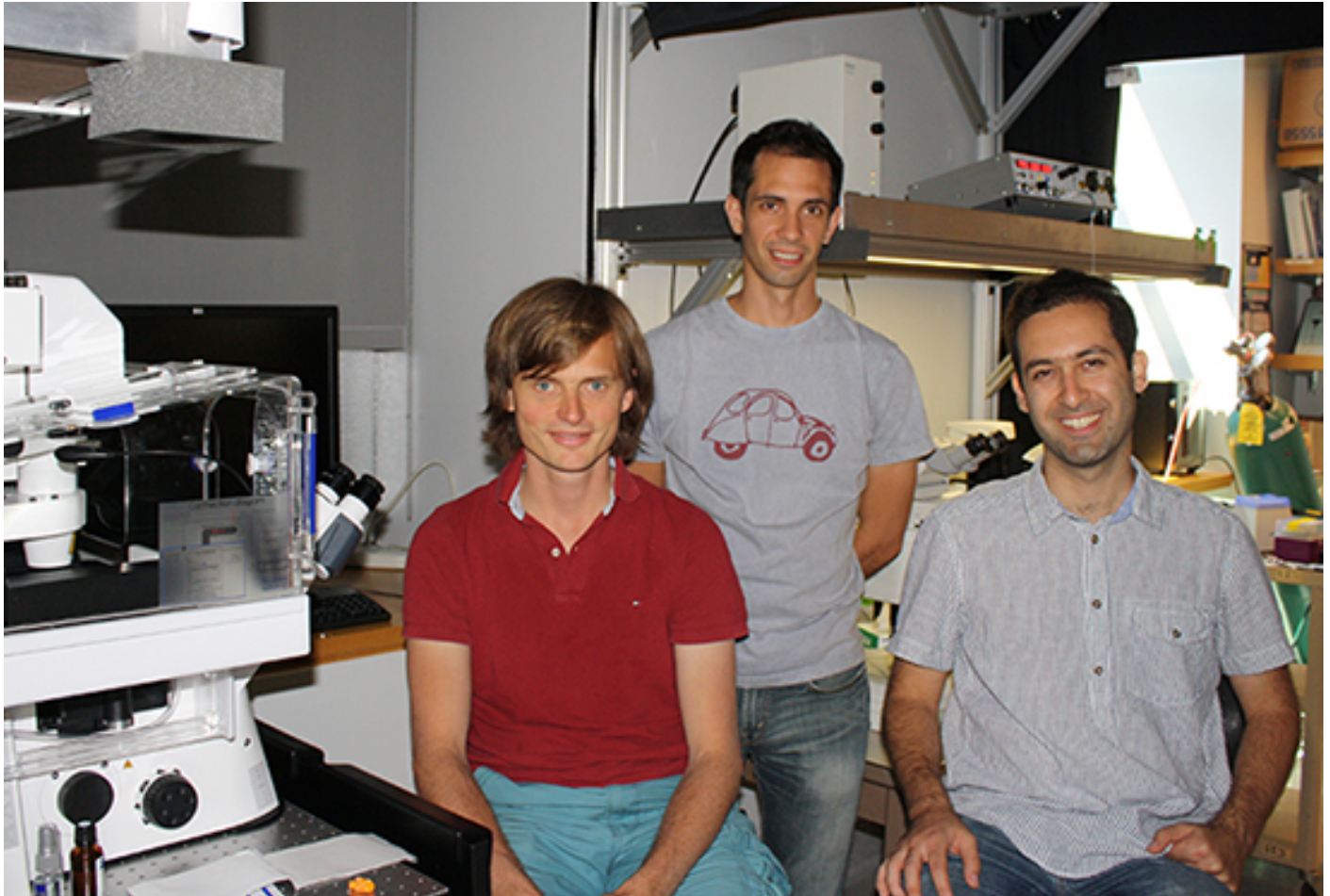


Postdoctoral Researchers in Mechanical Engineering Awarded Prestigious Fellowships

Postdoctoral researchers working in the lab of Assistant Professor [Otger Campas](#) in the department of Mechanical Engineering were recently awarded prestigious fellowships to support their research. The Campas Group's research studies the processes of morphogenesis and self-organization in living systems, taking a highly disciplinary approach that includes physics, biology, materials, and engineering.



[Pictured, from left: Friedhelm Serwane, Professor Otger Campas, and Payam Rowghanian]

Friedhelm Serwane received the [Feodor Lynen Research Fellowship](#), awarded by the Alexander von Humboldt Foundation of Germany. The Lynen Fellowship supports postdocs who completed their doctorate within the last four years. Friedhelm will develop a new light-sheet microscope to do fast 3D imaging of live embryos and will study the patterns of cellular forces that shape the notochord in chordates.

Payam Rowghanian received the [Otis Williams Fellowship](#) for Interdisciplinary Research in Biology and Engineering, awarded by the Santa Barbara Foundation. Payam will study, at the theoretical level, the morphogenesis of the early sea urchin embryo.

Alessandro Mongera was awarded an [EMBO Fellowship](#), a prestigious award in the biological sciences given

by the European Molecular Biology Organization. Mongera will be joining the Campas Group this fall, where he will study the mechanics of early development in Zebrafish.

Images



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