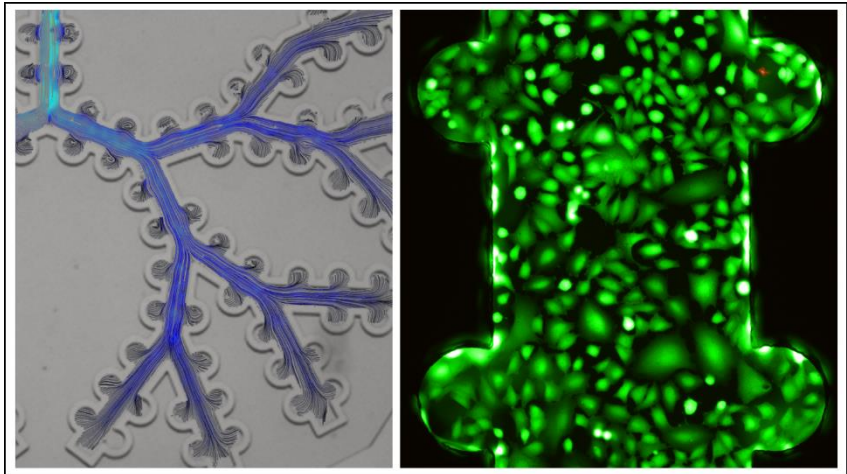


POSTDOC POSITIONS IN MICROFLUIDICS, CELLULAR ASSAYS AND PULMONARY DRUG DELIVERY

Summary: Postdoctoral positions are available in the Biofluids Laboratory at the Department of Biomedical Engineering, Technion: <http://biofluids.technion.ac.il>

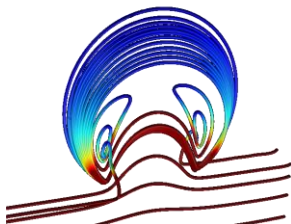
Description: The Technion Biofluids Laboratory focuses on research pertaining to pulmonary respiratory flows and physiology, in relation to (nano)cytotoxicity and the inhalation of aerosols, including therapeutics. Specifically, the successful candidates will join a dynamic group that specializes in recreating *in vitro* “lung-on-chip” platforms that mimic the cellular make-up of the alveolar airway environment using microfluidics and microfabrication techniques. These *in vitro* platforms are used for cytotoxicity assays as well as inhaled aerosol deposition screening assays. This work is part of a new ERC Starting Grant funded by the European Union (Horizon 2020).

Background: Candidates with backgrounds and experience in any or multiple of the following areas are encouraged to apply: microfabrication, microfluidics, lab-on-chip and diagnostics, cellular assays (i.e. endothelial and epithelial cells), including immunocytochemistry techniques, live cell imaging and related cell-based assays.



Starting dates are flexible throughout 2016 with competitive salary. Initial appointment is for 1 year – with extension up to 3 years.

How to apply: Applicants should have a recent PhD in related fields, preferentially with the outlined experiences. Interested candidates should send a cover letter highlighting their experience relevant to this position, current curriculum vitae (CV) with full publication list and the contact information of at least two (preferably three) referees to:



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