



## Plant-based Food Extrusion and Processing Workshop 2024



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This collaborative is a 2.5 day hands-on and small classroom format workshop at Cultivated Food Labs (CFL) Pilot Plant. It is directed towards practical applications and utilizes Bühler's twin-screw extrusion technology and post extrusion processing technologies by Handtmann, with the R&D expertise of CFL to provide knowledge of plant-based meat design and manufacturing. All in one workshop!



November 19, 2024 -  
November 21, 2024



8:30 a.m. - 4 p.m. Day 1 and 2  
8:30 a.m. - 12 p.m. Day 3



Unit 104 5140 North  
Fraser Way, Burnaby BC  
Canada V5J 0J4



Vancouver  
International  
Airport (YVR)

### Subjects covered

#### **Ingredient/ Formulation selection:**

- Plant protein selection related to targeted plant-based meat attributes.
- Applications between high moisture extrudates and texturized vegetable proteins.
- Flavor improvement of plant proteins.
- Quality of texturized proteins.
- Regulatory and quality considerations when formulating.

#### **Extrusion:**

- Basics of extrusion technology.
- Theoretical and practical aspects of extrusion parameters.
- Application of extrusion technology in the food industry.
- Modified flours and ingredients, breadcrumbs, flat-bread, croutons, RTE cereals and flakes.
- Plant-based meat alternatives and texturized vegetable proteins.

#### **Post extrusion technologies:**

- Post extrusion processing/ forming equipment.
- Demonstration on the newest forming technologies with different protein-based texturized products.

\*Other topics maybe available upon request.



## Who benefits

This workshop, located at Cultivated Food Labs (CFL) in Burnaby, BC is intended for R&D scientists and formulation teams, operations managers and supervisors, engineering professionals and other individuals who are actively involved in technological aspects and feasibility considerations of plant-based food extrusion, forming and formulations.



## Course fee

USD \$1,500.00 early bird before October 1, 2024:  
USD \$1200

**Included** in this fee are course documentation, lunches, coffee during breaks, and one social evening with dinner.

**Not included**, hotel accommodations, traveling costs, transportation



## Number of participants

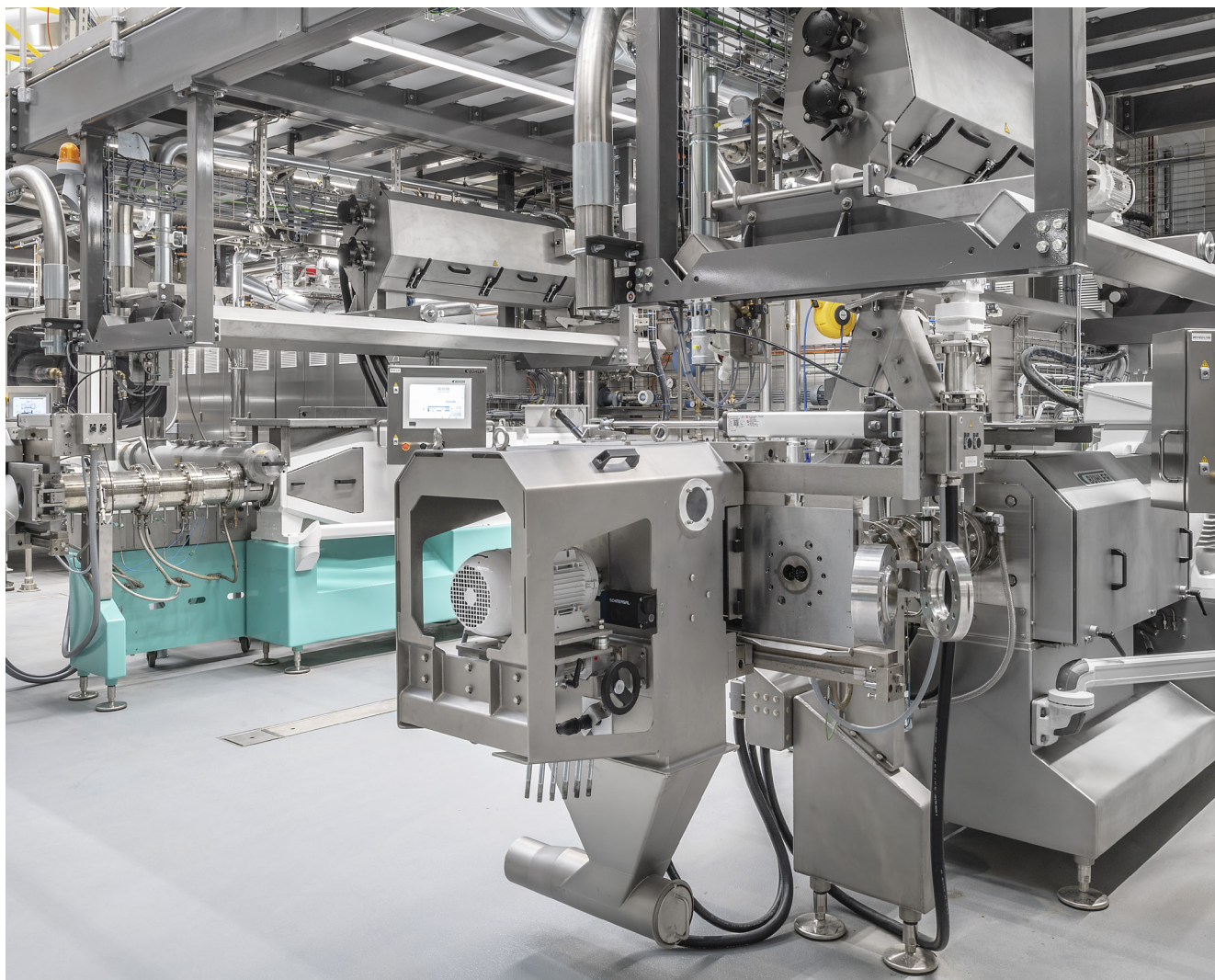
10 participants

\*Note we encourage a limit of 2 attendees per company.



## Cancellations

Cancellation date up to October 19<sup>th</sup> and after that no refund. If workshop is cancelled by organizer, the course fee will be 100% refunded.



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