

Celebrating 15 Years: A Toast to Health, Longevity, and Metabolism

This month represents the 15th anniversary of the launch of *Cell Metabolism*. Anniversaries are a time for celebrating accomplishments, and since the [last birthday issue in 2015](#), the field of metabolism, as well as the journal itself, has continued to make great strides. In this issue, we highlight some of the most exciting scientific advances of the field and reflect on the achievements of the journal in the last 5 years. But the new year and new decade also bring change, including a new Editor-in-Chief, Allyson Evans, who joins us after 10 years at our sister publication *Molecular Cell*. We are excited about what lies ahead for the field and the journal, and here we provide a glimpse of things to come for *Cell Metabolism* as we usher in 2020.

The last few years have seen metabolism seep into every biological process and pathway and spread to the forefront of a staggering number of human diseases. This exciting interdisciplinary ride is reflected in the breadth of topics we are highlighting this month. For example, we continue to see a resurgence at the interface of cancer and metabolism, as [Almut Schulze highlights in a Review](#) (pp. 62–76) on lipid metabolism in cancer progression. In more recent years, the field of immunometabolism has taken center stage; as such, on pp. 148–161, [Hua Yu and colleagues](#) address T effector cell metabolism and its link between obesity and breast cancer, while a Review from [Sasha Rudensky and colleagues](#) (pp. 18–25) explores the systemic effects that Tregs can have on organismal metabolism. In addition, while the microbial world has been intertwined with human biology for thousands of years, our understanding of how it impacts human metabolism is just now becoming untangled: don't miss reading work from [Aimin Xu's lab](#) (pp. 77–91) examining how the gut microbiome responds to and impacts the effectiveness of exercise on diabetes, or from [Yatrik Shah and colleagues](#) (pp. 115–130) on how microbes play a role in host iron homeostasis. In addition to the advances at the intersections of fields, metabolism has made some important steps forward in the clinic. A Review from [Mark Anderson and colleagues](#) (pp. 46–61) sheds light on future treatments for type 1 diabetes, and [Stefano Romeo and colleagues](#) explore how human genetics could be used to better treat NAFLD (pp. 35–45). In addition, a pilot study from [Wilkinson et al.](#) (pp. 92–104) shows promise for time-restricted eating in obesity. What new avenues await to be explored in the pages of *Cell Metabolism*? In accordance with *Cell Metabolism's* anniversary tradition, we've asked experts in the field to reflect on what the future holds for metabolism research, so take a peek at the [Voices](#) section in this issue.

On our birthday, we also want to celebrate some of the achievements of the journal since the last anniversary issue. In that time, *Cell Metabolism* has done more than just publish exciting and influential basic research. For example, *Cell Metabolism* has shown an increasing interest in reporting high-impact clinical and translational studies, and in 2015 the [Clinical and Translational Report](#) format was established, showcasing the journal's support for publishing studies that directly address issues of human health. And while Nikla Emambokus has since moved on to become the Editor-in-Chief of *Med*, Cell Press' new translational and clinical journal, during her tenure at *Cell Metabolism* she and the editorial team focused on issues that were close to the heart of the community, including diversity and transparency. In 2016, *Cell Metabolism* [introduced readers](#) to the [Rosie Project](#), a multi-series venture highlighting the voices of women in metabolism research and recognizing their accomplishments. Alongside other Cell Press journals in 2016, *Cell Metabolism* introduced [STAR Methods](#) to their papers, providing more transparent and accessible methodology and reagent information to readers. In the continued pursuit of transparency and reproducibility, *Cell Metabolism* introduced a "Limitations of Study" section in 2018 to show more clearly the caveats of each paper, and in 2019 the journal adopted the "Context and Significance" paragraph in articles, making them more broadly accessible.

Despite all this hard work, *Cell Metabolism* still has a lot in store going forward! With this new year and new decade, it is time to think about the future, to make a resolution, and to set a plan to be the best version of ourselves. *Cell Metabolism's* primary resolve is to continue to make the author and reader experiences unparalleled. This means fair, engaged editors who are accessible and transparent. This also means timely review processes, as well as expert guidance on the transfer of papers that may be better suited at one of our sister journals. In the coming year, you will also be hearing more from us on the broader issues of diversity and inclusion, from the perspective of gender, geography, and career stage. We must do better to provide a more diverse and inclusive view, so expect to see these values better reflected in the makeup of the Editorial Board, our reviewer pool, and the authorship of commissioned works. In addition, we continue our dedication to ensuring transparency, rigor, and reproducibility in our editorial process and publications.

Perhaps most importantly, we at *Cell Metabolism* will be remembering our *raison d'être* as put forth by our founding editors: to be a primary home for the metabolism community. The metabolism field is expanding rapidly, both in the breadth of the underlying science and the technologies used to study it, as well as in the number and diversity of scientists that comprise the field. We know that this can leave researchers feeling a lack of connection to their community. At *Cell Metabolism*, we want to strengthen this community, and in this vein we have plans to better connect scientists and their ideas to each other, further support and promote the achievements of junior scientists, and provide a more interactive platform for you, the metabolism community, to discuss issues that are timely and important to you.



This is your journal. Its pages reflect your diverse ideas, showcase your hard work, and highlight the impact that you have on the field of metabolism. It only makes sense that the direction that the journal takes in the coming years also echoes your values and your voices. So [contact us](#). We want to hear from you! As you can see, the road ahead is complex and exciting. Let's walk it together.

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